Virtual Office and Work-Life Balance for Generation Z and Entrepreneurs in Indonesia

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ABSTRACT

The post-pandemic era has brought a major transformation in work models, accelerating the adoption of virtual offices, particularly among Generation Z and young entrepreneurs in Indonesia. This phenomenon raises questions about whether flexible work settings truly support work-life balance or pose new psychological and operational challenges. This study aims to explore the role of virtual offices in facilitating work-life balance and identify the main obstacles in their implementation. Using a qualitative-descriptive literature review method, data were synthesized from peer-reviewed journals, national reports, and relevant online publications. The analysis shows that virtual offices offer significant benefits, such as reduced operational costs, increased autonomy, and improved job satisfaction. These advantages align well with the digital-native traits and flexibility preferences of Generation Z. However, challenges such as blurred work-life boundaries, digital fatigue, and limited emotional engagement remain prominent. To address these issues, several strategies are proposed, including structured digital communication policies, wellness programs, and virtual team-building initiatives. The study concludes that while virtual offices provide a promising solution for sustainable and flexible work culture, their effectiveness relies heavily on digital discipline, cultural adaptation, and strategic management. The findings offer practical insights for young professionals and entrepreneurs who aim to optimize virtual office systems while maintaining productivity and well-being in the evolving Indonesian business environment.

Keywords: Virtual Office; Work-Life Balance; Generation Z; Young Entrepreneurs; Flexible Work

INTRODUCTION

The rapid advancement of information and communication technology (ICT) has significantly transformed how organizations operate globally. During the COVID-19 pandemic, flexible work arrangements such as virtual offices emerged as critical adaptations, particularly among startups and small businesses (OECD, 2020); (Waizenegger *et al.*, 2020) In Indonesia, similar patterns were observed among digital entrepreneurs and young professionals**.** According to a global survey by Nursafitri & Andayani (2022)**,** over 80% of companies planned to allow remote work at least part of the time even after the pandemic, reflecting a structural shift toward hybrid and virtual work models (Barrero *et al.*, 2020).

This digital transition is particularly relevant to Generation Z (born between 1997 and 2010), a generation that values autonomy, mental health, and digital fluency (Corey Seemiller and Meghan Grace (Jossey-Bass Publisher, n.d.); (Francis & Hoefel, 2018).

This digital transition is particularly relevant to Generation Z (born between 1997–2010), a generation that values autonomy, mental health, and digital fluency. However, while virtual offices offer increased flexibility and cost efficiency, they also present challenges, such as blurred work-life boundaries, digital fatigue, and emotional disconnection. A recent LinkedIn Indonesia survey found that although 81% of Gen Z employees reported greater happiness in flexible work settings, 62% also experienced increased stress due to unclear work-life separation Most studies focus on financial efficiency or workplace logistics, leaving a critical gap in understanding the human dimension of virtual work. This study addresses this theoretical gap by contributing to the development of digital organizational behavior theory specifically by investigating how virtual offices influence identity formation, boundary management, and perceived organizational support among Gen Z workers. Additionally, it advances the literature on remote work psychology and work-life boundary theory by contextualizing the Indonesian Gen Z experience within the broader global discourse.

Despite the proliferation of research on the operational advantages of virtual offices, limited attention has been given to the psychological impacts and cultural shifts within this model especially in relation to Gen Z and young entrepreneurs. Most studies focus on financial efficiency or workplace logistics, leaving a critical gap in understanding the human dimension of virtual work. Moreover, there is a lack of strategic frameworks to manage virtual work culture effectively in the Indonesian context.

This research aims to address that gap by investigating the role of virtual offices in facilitating work-life balance for Generation Z and young entrepreneurs in Indonesia. It also explores the psychological and operational barriers that hinder effective implementation, offering a holistic view that combines insights from technology adoption, organizational behavior, and mental well-being. With the rise of digital entrepreneurship and nomadic work styles, this study is important to support a sustainable and adaptive future of work that aligns with the needs of Indonesia's young digital workforce. Unlike prior research that primarily focuses on Western contexts or general remote work practices, this study offers an original contribution by investigating virtual office dynamics specifically among Indonesian Gen Z digital entrepreneurs. It integrates perspectives from organizational psychology, work-life boundary theory, and digital behavior, providing a localized framework for understanding virtual work culture in emerging economies.

LITERATURE REVIEW

Definition and Features of Virtual Office

A virtual office is a service that provides businesses with a formal address and supporting facilities such as reception, meeting rooms, and business phone numbers under a subscription model. Unlike conventional office leases, virtual offices operate through digital infrastructure, enabling remote work without a permanent physical location. This concept leverages communication and information technologies to maintain coordination and operational efficiency(Setyowati & Sari Nanda, 2019). Common features include a registered business address for correspondence and branding, receptionist services for professional client interaction, access to meeting rooms, and mail handling. Some providers also offer internet access and basic IT support. These services help businesses, especially startups and SMEs, reduce operational costs while enhancing agility and corporate credibility.

In Indonesia, the legal framework for virtual offices is outlined in Ministry of Finance Regulation No. 147/PMK.03/2017, which describes them as shared spaces equipped with office services, used for business domicile or correspondence. The appeal of virtual offices has grown among emerging businesses seeking cost-effective solutions without sacrificing professionalism. Additionally, the public sector has adopted similar systems. The Bali Provincial Government launched the "Kanvir" app to digitalize administrative services and enhance civil servant performance through virtual platforms. Compared to traditional offices, virtual setups offer greater flexibility and lower costs, although they require reliance on digital tools for team collaboration. Physical offices, while providing direct interaction and full facilities, incur higher expenses. Choosing between the two depends on business goals, available resources, and preferred working styles.

Definition and Dimensions of Work-Life Balance

Work-life balance (WLB) refers to an ideal state in which individuals are able to effectively manage the demands of their professional responsibilities alongside their personal lives. In a balanced state, work obligations do not significantly interfere with personal or family time, and vice versa. Greenhaus *et al.* (2003) define work-life balance as the extent to which an individual is equally engaged in and equally satisfied with their work role and personal life roles. Achieving this balance is crucial, as it directly influences an individual's overall life satisfaction and workplace productivity.

Fisher *et al.* (2009) identify four core dimensions of work-life balance. The first is work interference with personal life, where job duties diminish time, energy, or focus needed for non-work activities. The second is personal life interference with work, such as when family responsibilities or personal issues negatively affect work performance. The third dimension is balance management ability, which refers to an individual's skill in coordinating both domains effectively. The fourth is satisfaction with balance, or the degree to which individuals feel content with how they manage both work and personal demands. Several factors influence an individual's ability to maintain work-life balance. Individual factors include personality traits, time management skills, and stress tolerance. Organizational factors encompass workplace culture, schedule flexibility, and the level of support provided by supervisors or colleagues. In addition, social and environmental factors, such as family support, community obligations, and the psychological or physical conditions of the work environment—play an important role. The interplay between these factors ultimately determines how effectively a person can achieve and maintain balance in their life.

Characteristics of Generation Z in the Workforce

Generation Z, born between 1997 and the early 2010s, represents a cohort shaped by digital immersion from a young age. Known as digital natives, they are highly adept with technology, prefer flexible work settings, and value work-life balance. Their early exposure to online platforms and mobile technologies has influenced their working style, making them quick learners who favor dynamic and collaborative environments (Rachmawati, 2019). In the workplace, Generation Z leans toward project-based, results-driven systems and often utilizes digital tools such as Zoom, Slack, and Trello to enhance productivity. They also display a strong inclination toward self-learning. However, they may struggle with short attention spans, social media distractions, and potential digital fatigue. Rigid or overly formal structures may feel misaligned with their preferences, highlighting the need for adaptive management approaches.

The virtual office model effectively supports these preferences by offering flexibility in time and place, reducing commuting stress, and enhancing autonomy. (Corey Seemiller and Meghan Grace (Jossey-Bass Publisher, n.d.) found that 69% of Gen Z employees favor flexible arrangements needs that virtual offices are well-positioned to fulfill. Moreover, by accommodating their digital work style, virtual offices not only promote productivity but also contribute to psychological well-being. Nonetheless, remote work presents challenges, including managing time, maintaining oversight, and sustaining communication across dispersed teams. Generation Z's strong affinity for digital tools is reflected not only in their work preferences but also in their financial behaviors, such as the use of digital payment platforms indicating their readiness to adapt to virtual systems in the workplace (Athalia Asta Dewi, 2024)

Work-Life Conflict & Digital Workplace

The advancement of information technology has significantly transformed the world of work, one of which is the emergence of the digital workplace concept. A digital workplace is an environment that leverages digital technologies to enable employees to work, communicate, and collaborate without the constraints of time and space. This includes the use of online applications such as Zoom, Microsoft Teams, Google Workspace, as well as remote work systems like work-from-home (WFH) and virtual offices. This model offers high flexibility and supports operational efficiency; however, it also brings new challenges, particularly related to work-life balance. One of the primary challenges arising from the implementation of a digital workplace is the increased risk of work-life conflict. Work-life conflict refers to the condition where the demands of work and personal life contradict each other, making it difficult for individuals to meet both demands in balance. This conflict can manifest in various forms, including time-based conflict (where work demands consume personal time), strain-based conflict (where workload affects emotional well-being at home), and behavior-based conflict (where work behaviors do not align with personal roles at home) (Greenhaus *et al.*, 2003)

While the digital workplace allows employees to work from anywhere, the reality is that the boundary between work hours and personal time has become increasingly blurred. Many employees, particularly younger generations like Generation Z, feel pressured to remain "online" and respond to work messages or requests even outside of designated working hours. This phenomenon can lead to digital overload, which in turn triggers fatigue, stress, and potential burnout. According to Bondarouk & Brewster (2016), intensive use of digital technologies without proper time management can increase the likelihood of conflicts between work roles and personal life, even though the goal is to enhance work flexibility.

On the other hand, a digital workplace can also be an effective tool for enhancing work-life balance when supported by healthy work policies. The implementation of flexible working hours, while maintaining clear boundaries for time off, the use of efficient collaborative tools without overwhelming employees, and a work culture that respects break times are crucial factors in maintaining balance. This is especially relevant for generations like Gen Z, who value flexibility and life balance but are also susceptible to distractions and digital fatigue if not well-managed. Therefore, the effective implementation of a digital workplace must be done with full awareness of the risks associated with work-life conflict and strategic steps to manage it. Both companies and individuals need to design policies, work cultures, and digital habits that support productivity without compromising personal well-being.

The Role of Technology in Supporting Flexible Work

Technology plays a crucial role in supporting the implementation of virtual offices, enabling both entrepreneurs and employees to work efficiently without the constraints of physical locations (Messenger, 2019). Digital communication tools such as email, instant messaging, and video conferencing platforms enable teams to interact in real-time, even when located in different areas. Applications like Zoom, Microsoft Teams, and Slack facilitate virtual meetings and team discussions, ensuring effective coordination (Wang *et al.*, 2021). According to a study by Waizenegger *et al.* (2020), while remote work provides numerous benefits, management needs to ensure that employees remain connected to the company and have access to the resources they need to work effectively. Management also plays a key role in supporting employees in adopting new technologies (Raghuram *et al.*, 2019).

Cloud computing technology enables secure storage and access to data from anywhere, ensuring that all team members can access the information they need without being in a physical office (Hashem *et al.*, 2015). Research shows that the implementation of information technology—such as accounting systems and e-commerce—positively impacts operational efficiency, including inventory management, financial tracking, and better decision-making (Traver, 2007). Digital project management platforms such as Trello, Asana, or Monday.com assist in task assignments, progress tracking, and deadline management, helping teams remain synchronized and productive (Khatib *et al.*, 2022). An in-depth analysis of journals highlights the impact of technology and innovation on human resource management (HR) in the digital age, showing a fundamental shift in workforce management approaches (Bondarouk & Brewster, 2016). Technological advancements have been a driving force behind the paradigm shift in HR management (Stone & Deadrick, 2015). Cybersecurity technologies, including data encryption and Virtual Private Networks (VPNs), protect sensitive information when accessed from different locations, safeguarding the confidentiality and integrity of company data (Sicari *et al.*, 2015). In the context of globalization and technological integration, work-life balance becomes increasingly complex. Remote workers must navigate the integration of workspace and personal space (Choudhury *et al.*, 2020). Therefore, companies must provide tools and policies that support remote work without compromising work-life balance (Kossek *et al.*, 2014).

Work-Life Balance Challenges Faced by Young Entrepreneurs

Young entrepreneurs frequently encounter significant obstacles in maintaining a healthy balance between professional responsibilities and personal life. The pressure to establish and expand a business often demands full dedication, compelling them to work beyond

regular hours, sometimes late into the night (Stephan, 2018). This tendency can result in prolonged working hours and elevated stress levels, which, if not properly managed, may lead to adverse effects on both mental and physical well-being (Taris *et al.*, 2010). One of the primary challenges is the lack of a clear boundary between work and personal time. Many young entrepreneurs feel obliged to be constantly available to clients, business partners, or their teams, a phenomenon exacerbated by digital connectivity (Chandler & Lusch, 2015). This sense of obligation often makes it difficult for them to take adequate rest or allocate time for themselves. Consequently, this imbalance may lead to physical and mental exhaustion, decreased motivation, and a decline in productivity and creativity—factors critical to sustaining a successful business (Cardon & Patel, 2015).

Moreover, a strong sense of responsibility toward the success of their ventures contributes to the disruption of work-life balance. Young entrepreneurs often feel compelled to work continuously, leaving little time for self-care or family engagement. This condition may strain social relationships and increase the risk of burnout (Uy *et al.*, 2013). Over time, such conditions may threaten not only personal well-being but also the long-term sustainability of the business itself (Jamal, 2007). Therefore, it is essential for young entrepreneurs to adopt effective strategies for time management and prioritization. Employing sound time management techniques, establishing clear work-life boundaries, and ensuring sufficient rest are key measures that can help maintain a balanced lifestyle (Greenhaus *et al.*, 2003). By implementing these strategies, they can preserve their physical and mental health without compromising the quality of their work or personal relationships (Zhou & George, 2001).

The Role of Virtual Offices in Enhancing Work-Life Balance

Virtual offices present a practical solution for young entrepreneurs seeking greater flexibility in managing their work schedules and locations. Freed from the constraints of a physical workspace, they can adapt their operational hours to accommodate both personal and professional demands (Wang *et al.*, 2021). Moreover, the reduction of operational costs—such as office rent, utilities, and commuting expenses—allows for budget reallocation toward business development and employee well-being initiatives (Messenger, 2019). Several key aspects of how virtual offices contribute to improved work-life balance include the ability to work from home, co-working spaces, or while traveling, which enables entrepreneurs and employees to adjust their schedules to include family time, exercise, or leisure activities. Eliminating the need for daily travel reduces exposure to traffic congestion and long commute times, thereby decreasing daily stress and supporting better physical and mental health (Choudhury *et al.*, 2020). Savings from reduced office space rent, electricity, water, and transportation costs can be redirected toward strategic priorities such as marketing, staff training, or wellness programs. The ability to choose a preferred work environment, such as a quiet home office, can improve concentration and motivation, ultimately leading to increased productivity and job satisfaction (Wall & Foundation, 2001). Tools such as video conferencing, cloud storage, and project management apps ensure that teams remain coordinated and connected without the need for daily in-person meetings (Messenger, 2019). Greater autonomy in scheduling breaks and short leaves allows individuals to better manage mental fatigue and reduce the risk of burnout (Tavares, 2017). More flexible time also supports the adoption of healthier habits, such as regular exercise, preparing nutritious meals, and maintaining consistent sleep patterns, all of which contribute to a holistic life balance (Kossek *et al.*, 2014). By leveraging the advantages of virtual offices, young entrepreneurs can maintain operational agility while fostering a work environment that supports both long-term health and sustainable productivity (Hill *et al.*, 2003).

Review of Prior Literature on Virtual Offices and Their Challenges

The first study was conducted by Zeqiri *et al.* (2023) in her undergraduate thesis titled "Analysis of the Impact of Virtual Offices on Employee Performance at PT Perkebunan Nusantara III (Persero) Medan" published through the University of North Sumatra Repository. This research employed a quantitative approach by distributing questionnaires to employees working under a virtual office system. The findings revealed that implementing a virtual office positively influenced employee work flexibility. However, the study also identified challenges such as a decline in communication intensity and emotional connection among employees, as well as a tendency for burnout due to unstructured working hours. Therefore, the researcher recommended that companies implement flexible yet structured working hour policies and organize informal virtual meetings to maintain employee relationships. The second study, conducted by Dery Wijaya *et al.* (2023) and published in the Jurnal Sosial Ekonomi Syariah (JOSES) under the title "The Implementation of Virtual Offices to Improve Employee Work Effectiveness During the COVID-19 Pandemic" applied a qualitative descriptive method using interviews with employees from virtual-based companies. This study found that the virtual office model enhanced work effectiveness by granting employees autonomy in determining their work schedules and locations. However, it also revealed challenges related to trust issues from clients, especially in conventional business sectors that remain skeptical of companies without a physical office presence. To address this issue, the researchers suggested that companies build a strong digital presence through online profiles, project showcases, and service introduction videos to establish client trust.

Both studies highlighted similar challenges related to virtual offices, including internal concerns such as emotional disconnection among employees and external issues like client trust. These findings serve as a valuable reference for this article, particularly in formulating strategic solutions such as virtual bonding sessions, structured flexible working hours, and the creation of digital promotional content to address the challenges of virtual office implementation.Based on the review of previous literature, it can be concluded that current research on virtual offices remains largely limited to internal communication and work effectiveness in conventional companies. In contrast, young entrepreneurs and digital businesses face unique challenges, including virtual work culture, digital burnout, and client trust issues. This article aims to address this research gap.

RESEARCH METHOD

This study adopts a qualitative descriptive research approach, focusing on a systematic literature review as its primary method. The literature review method is suitable for synthesizing existing research, especially when exploring evolving topics such as virtual offices and work-life balance among Generation Z (Snyder, 2019). The research employs content analysis to critically evaluate and interpret relevant secondary data sources. The secondary data are collected from a variety of credible and authoritative sources, including peer-reviewed scientific journals, research articles, labor market reports, reputable news media, and industry surveys. Specific sources include publications from LinkedIn Indonesia, Deloitte, and the Indonesian Coworking Association, which provide valuable insights into digital work trends and youth employment in Indonesia.

The data collection technique follows a structured process: identifying core themes, selecting literature based on relevance and credibility, and applying content analysis techniques to uncover patterns and insights related to virtual offices, work-life balance, nomadpreneurship, and the distinctive work behavior of Generation Z in

Indonesia. This process aligns with the stages of qualitative content analysis outlined by (Elo *et al.*, 2014), including inductive category development and thematic coding. Findings from the reviewed literature were then compared, interpreted, and synthesized to establish a holistic understanding of how virtual work environments affect job satisfaction and work-life dynamics for young professionals. The analysis also serves as a foundation for strategic recommendations tailored to young entrepreneurs navigating the digital workspace in the Indonesian context.

DISCUSSION

Evolution of Virtual Office Through Time

In the rapidly evolving digital era, the concept of virtual offices has gained increasing popularity, particularly among startups, freelancers, and remote workers seeking flexible and efficient solutions to run their businesses without the need for physical office spaces. The concept of a virtual office first emerged in the early 1960s as the number of remote workers or telecommuters began to rise, creating a demand for alternative working methods that did not require physical office presence. During this period, advancements in communication technologies such as telephones and fax machines began to open up opportunities for individuals and companies to operate remotely. The idea of an office without walls emerged as a means to reduce office rental costs while simultaneously creating a more flexible working environment for professionals across various fields.

Entering the 1990s, the rapid development of internet technology and digital communication infrastructure further propelled the emergence of internet-based virtual office services. At this stage, companies could obtain strategic business addresses and administrative services, such as mail handling and telephone services, without the need to rent physical office space. The internet enabled business administration, communication, and team coordination to be carried out remotely and more efficiently. With the advent of the 21st century, the rise of cloud computing, project management software, and video conferencing services led to a major revolution in corporate working models. Global organizations like IBM and Google even began to implement permanent work-from-home and remote working policies for a large portion of their employees. The virtual office concept evolved from a mere business address service to an effective and productive digital collaboration platform.

A significant surge in virtual office adoption occurred during the COVID-19 pandemic, which forced industries across the globe to shift their business operations to the digital realm in order to ensure continuity. The pandemic accelerated society's acceptance of remote working models, leading to a rapid increase in demand for virtual office services worldwide, including in Indonesia. Looking ahead, the concept of virtual offices is expected to continue evolving alongside technological advancements. Innovations such as Artificial Intelligence (AI), Augmented Reality (AR), and the Internet of Things (IoT) are anticipated to enrich remote work experiences. AI plays a role in automating administrative tasks, while AR has the potential to create more interactive virtual meeting spaces. Additionally, the integration of blockchain technology is expected to enhance the security of transactions and business data in virtual office environments (Wang *et al.*, 2021). Furthermore, virtual offices are also seen as an environmentally friendly solution. With a reduced need for physical office buildings, energy consumption, carbon footprints, and waste can be minimized, making this concept a part of the efforts toward sustainability and green business models in the future.

Virtual Office Trends in Indonesia

The rapid advancement of digital technology has significantly impacted various sectors, including business and professional services. observes that the integration of information technology has transformed service delivery across government, private, and professional sectors. Hausman (2012) highlights how digital innovations have shifted work from manual to technology-based systems, improving speed, flexibility, and client accommodation. According to Chakraborti *et al.*, (2020), digital technology streamlines work processes by enhancing communication and enabling the quick, personalized sharing of information. The rise of cloud-based systems and virtual communication has enabled business activities, once reliant on physical presence, to operate virtually, even within fields like legal services. This shift has accelerated the use of virtual offices, especially in Indonesia, following the COVID-19 pandemic, which forced many businesses to move online. A virtual office offers business operations without requiring a permanent physical space, instead providing services such as an official business address, administrative support, and online meeting facilities (Sari *et al.*, 2020).

Data from the Indonesian Coworking Association shows a 40% increase in virtual office usage since 2020, driven by the need for businesses to remain operational amid restrictions. This reflects a broader trend toward flexible and dynamic work systems. PT Nusantara Business Indonesia (2023) notes that cloud technology has played a pivotal role in this transition, enabling real-time collaboration across locations. The pandemic further accelerated the adoption of virtual offices, with demand rising alongside the increasing number of service providers in Indonesia. The highest usage of virtual offices has been reported in major Indonesian cities such as Jakarta, Bandung, and Surabaya, with a 25% rise in the number of service providers in 2022 (Putri & Pratiwi, 2024). Virtual offices now offer a range of services beyond business addresses and phone numbers, including meeting room rentals, mail and call handling, and coworking spaces for remote workers. These services help startups, SMEs, and creative businesses reduce operational costs while adapting to the digital age. Industry leaders also support this trend. Werkplay CEO Lince Atmadja states that virtual offices have become essential in the "new normal" era, providing cost savings and improving communication efficiency. Overall, virtual offices have emerged as a viable solution for businesses looking to remain productive without the financial burden of traditional office spaces, signaling a shift toward more flexible, technology-driven work environments.

Benefits, Challenges, and Solutions of Virtual Office Use for Young Entrepreneurs and Gen Z Employees

The use of virtual offices in Indonesia has been growing rapidly, driven not only by cost efficiency but also by alignment with the values of young entrepreneurs and Generation Z employees who prioritize mobility, creativity, and a digital lifestyle. A key advantage of this model is its flexibility in time and location, allowing more than 70% of respondents to adjust their work schedules and environments to suit their needs, free from the constraints of conventional office hours (Zaman, 2024). Administrative convenience is another benefit, with services such as official business addresses, mail handling, and digital legality streamlining correspondence and licensing. Moreover, virtual platforms facilitate collaboration across regions, enabling distributed teams to coordinate and expand market reach more efficiently.

However, these benefits are accompanied by notable challenges. The absence of face-to-face interaction can limit emotional connections and reduce team cohesion. Furthermore, unstructured working hours often result in digital fatigue and mental strain,

especially in the absence of standardized operating procedures. Businesses operating without physical premises may also encounter trust issues from traditional clients. To overcome these obstacles, several strategic solutions are proposed. Virtual bonding activities like informal online meetings can strengthen team morale, while structured digital policies such as core hours and break flexibility, help prevent burnout. Enhancing digital presence through service videos, project showcases, and well-crafted company profiles can also build credibility. Initiatives like virtual coworking days can simulate a communal work atmosphere, improving motivation and engagement. Ultimately, the effectiveness of a virtual office relies not only on digital tools but on fostering a disciplined and adaptive remote work culture that supports sustainable productivity and well-being.

Positive Psychological Effects of Virtual Offices on Millennial Entrepreneurs and Gen Z Employees

The integration of Millennial and Gen Z individuals into the workforce has significantly transformed the dynamics of modern work culture. These generations bring with them evolving expectations, particularly in relation to flexibility, meaningful work, and the importance of maintaining work-life balance. As emphasized by (Kring, 2018) they tend to prioritize mental well-being, demand flexible schedules, and seek work environments that are both comfortable and adaptive to their personal preferences. In this context, the concept of a virtual office aligns well with the psychological needs of younger workers and entrepreneurs. Virtual work arrangements allow for greater freedom in choosing when and where to work, which in turn positively influences emotional health, motivation, and productivity.

This flexibility is not merely theoretical. A survey conducted by LinkedIn Indonesia revealed that 81% of young professionals in the country reported higher levels of happiness and productivity when given the freedom to work without the obligation to be physically present in an office every day. These findings are echoed by research from (Nursafitri & Andayani, 2022), which underlines the stress-reducing impact of remote work by removing many of the traditional pressures found in conventional work environments. Virtual offices enable young entrepreneurs to operate from locations that best support their mental comfort, whether from home, coworking spaces, or any other personally suitable setting.

Moreover, the relationship between work-life balance and job satisfaction among Gen Z workers has been substantiated in a study by (Aura & Hutahaean, 2025) focusing on startups in Bekasi. Their findings show that the flexibility inherent in virtual office systems plays a crucial role in helping young professionals maintain equilibrium between their professional and personal lives, which in turn enhances motivation and performance. Within this flexible structure, many young entrepreneurs experience a greater sense of autonomy and control over their work arrangements, resulting in improved mental clarity. They also find it easier to engage in work that aligns with their values and passions, allowing them to pursue meaningful initiatives while remaining productive. In addition to reducing the stress typically associated with traffic congestion, rigid hierarchies, or intense office competition, virtual office setups contribute to a more mentally healthy working atmosphere. The ability to work according to one's own rhythm and mood helps stabilize emotional states and increase job satisfaction. Furthermore, advancements in digital communication have enabled young entrepreneurs to maintain social interactions and collaborative ties without being physically co-located, thus counteracting potential feelings of isolation.

An illustrative example of successful flexible work implementation can be found in the Indonesian Ministry of Finance. The institution has embraced policies such as flextime, remote work, working from hometowns, flexible workspaces, and hybrid arrangements. These strategies have shown measurable success in reducing workplace stress while enhancing employees' ability to maintain a healthy work-life balance. Taken together, these developments underscore the value of virtual offices in fostering a psychologically supportive and adaptable work environment. With the continued advancement of digital technologies and flexible working models, virtual office systems offer a practical and effective approach to addressing the mental health and lifestyle challenges faced by today's young entrepreneurs in an increasingly dynamic work landscape.

The Influence of Work-Life Balance on Job Satisfaction in Generation Z

Work-life balance (WLB) is now considered one of the main factors influencing job satisfaction, especially for Generation Z, who highly values mental well-being, time flexibility, and the freedom to work according to their personal needs. According to the spillover enrichment theory (Greenhaus *et al.*, 2003), it is explained that the quality of experiences in an individual's personal life can enrich satisfaction in the work domain, and vice versa. This suggests that when individuals feel that the balance between work and personal life is maintained, they are more likely to enjoy and feel satisfied with their work. A study conducted by Aura & Hutahaean (2025) in Bekasi showed a significant positive correlation ($r = 0.65$, $p < 0.01$) between the level of work-life balance and job satisfaction among Gen Z working in startups. Additionally, Perkasa *et al.* (2023) reported that 78% of Gen Z respondents felt that their job satisfaction increased after their company implemented a hybrid or remote work model that offered greater flexibility in terms of work days and location. The key mechanism behind this influence is autonomy and control over work time, as well as the ability to engage in psychological detachment from work pressure, which in turn reduces mental fatigue and increases their intrinsic motivation. Overall, work-life balance plays an important role in enhancing job satisfaction.

According to data collected by LinkedIn Indonesia, 85% of Gen Z who reported high work-life balance also stated that their work was emotionally satisfying. Moreover, 73% of them expressed an intention to stay with the same company for the next two years, indicating that work-life balance not only improves individual well-being but also helps reduce turnover rates among young workers. In practical terms, companies that implement flexible policies such as remote working, flextime, and wellness leave have reported a 20% decrease in turnover rates, as well as an increase in Employee Net Promoter Score (eNPS) among Gen Z. These flexible policies have proven to be effective in creating a work environment that supports work-life balance, while also improving job satisfaction, retention, and productivity among young workers. Therefore, improving work-life balance through the implementation of virtual office systems and flexible work policies plays a significant role in enhancing job satisfaction, reducing turnover intention, and supporting the performance of Generation Z in the digital work era.

Virtual Offices and "Nomadpreneurs" in Indonesia

Virtual offices have emerged as an ideal solution for Indonesia's growing population of "nomadpreneurs", entrepreneurs who prefer to manage their businesses while working from a variety of locations such as cafes, coworking spaces, or even while traveling both domestically and internationally. These individuals leverage cloud-based technology and

virtual office services to uphold professionalism and ensure business continuity without the need to be anchored to a specific physical office. This mobile approach to entrepreneurship has been made increasingly viable through advancements in digital infrastructure, including tools like cloud computing, video conferencing, and collaboration platforms such as Slack, Zoom, and Google Workspace. These technologies empower nomadpreneurs to manage their operations efficiently while enjoying greater personal freedom, allowing them more time for family, travel, and activities that contribute to holistic well-being. Financially, this model also offers significant advantages. Operating a business through a virtual office drastically reduces overhead costs, eliminating the need for expensive office leases or physical equipment. It also minimizes daily commuting expenses, a common burden for traditional workers tied to fixed office locations. As a result, entrepreneurs can reallocate these savings toward business development or personal goals.

The nomadpreneur trend in Indonesia has expanded beyond startups and e-commerce to include industries such as creative media, technology, and consulting. This reflects a global shift in work culture, particularly among younger generations who seek flexibility and greater autonomy in their professional lives. Virtual offices are a key enabler of this shift, offering essential features such as a registered business address for legal and administrative needs, professional meeting facilities for important appointments, and access to business support services that enhance productivity regardless of location. Barrero *et al.* (2020) highlight the importance of virtual offices in maintaining a professional image for nomadpreneurs who choose not to work from traditional office settings. Additionally, research by Choudhury *et al.* (2020) shows that the flexible work style associated with nomadpreneurship can lead to improved work-life balance and productivity, as individuals have the ability to set their own working hours and environments based on their personal rhythms and needs.

Nonetheless, the nomadic work lifestyle is not without its challenges. Remote team management, communication barriers, and limited networking opportunities compared to in-person office environments are common obstacles. Furthermore, while flexibility is a major benefit, the blurred lines between work and personal life can lead to mental strain or burnout if not managed carefully. Nomadpreneurs must be disciplined in maintaining clear boundaries to protect their mental health and ensure sustainable productivity. Given the ongoing growth of digital entrepreneurship and remote work in Indonesia, the nomadpreneur phenomenon is expected to continue gaining traction. This trend presents more opportunities for young professionals to embrace flexible work arrangements while improving their overall quality of life. Virtual offices will remain a cornerstone in supporting this evolving lifestyle and ensuring its sustainability in the years to come.

Optimizing Virtual Office Strategies for Young Entrepreneurs

Virtual offices offer young entrepreneurs flexibility to operate efficiently while minimizing overhead. However, to achieve optimal outcomes, strategic utilization of the virtual setup is crucial. A structured digital work strategy becomes vital in this regard. Sholeh *et al.* (2024) emphasize the importance of maintaining a disciplined routine, leveraging digital platforms like Zoom, Slack, and Google Workspace, and fostering a supportive remote work culture. Entrepreneurs must adopt tools that promote collaboration and communication. Platforms such as Slack or Microsoft Teams streamline team coordination, while Google Workspace and Microsoft 365 enable file management. Zoom and Google Meet facilitate meetings, and tools like Trello or Asana assist in project tracking.

Beyond technology, a strong organizational culture is necessary. Establishing clear procedures, defining individual responsibilities, and conducting regular check-ins ensure alignment and sustained performance. Despite lower overheads, sound financial practices remain essential. Tools like Xero, QuickBooks, and Expensify support budgeting and financial control.

Supporting team well-being is also vital. Offering flexible hours, wellness leave, and virtual social events helps maintain morale and prevent burnout. Simultaneously, performance monitoring through KPIs and tools like Trello provides insight into progress and accountability. Security is a priority in digital environments. Using VPNs, encryption, and two-factor authentication safeguards business and client data. Virtual offices also offer support services like mail handling and meeting room access, allowing entrepreneurs to focus on core tasks. Maintaining consistent business address information across platforms boosts SEO, visibility, and brand trust. Additionally, call-handling features such as call routing, logging, and reporting improve customer service and operational transparency.

Virtual meeting rooms further enhance communication with clients and partners, offering convenience and cost savings. These tools support professional interactions without location constraints. Ultimately, with the right tools and strategies, virtual offices can significantly enhance productivity and business sustainability in the digital era. Digital literacy has become an essential foundation for young entrepreneurs in building sustainable businesses. A study by (Suryani & Chaniago, 2023) confirms that digital competence directly influences entrepreneurial intention, making it a critical factor in the effective use of virtual office systems.

Future Prospects of Virtual Offices in Indonesia

Amid rapid digital transformation, the concept of virtual offices has emerged as one of the most innovative breakthroughs in the modern work environment. Virtual offices not only reshape traditional work practices but also open new opportunities for entrepreneurs and workers around the world, particularly in Indonesia. With the continuous development of technology and workplace trends, the future of virtual offices promises increased efficiency, flexibility, and productivity. This trend also aligns with the rising popularity of flexible work arrangements and the growth of nomadpreneurs among young entrepreneurs and Gen Z professionals. Over time, technology will remain at the core of virtual office development. In the near future, virtual offices are expected to be supported by advanced technologies such as Virtual Reality (VR) and Augmented Reality (AR), enabling more immersive and collaborative work interactions. With VR and AR, workers will be able to experience 3D virtual office environments that closely resemble physical spaces, collaborate in real-time, and attend meetings in more interactive and personalized digital settings. Additionally, Indonesia's digital infrastructure is expected to keep improving in terms of internet speed, network accessibility in remote areas, and enhanced data security to support remote working activities.

Greater flexibility and adaptability will characterize the future of virtual office systems. More companies are anticipated to adopt permanent hybrid work models that combine remote work with occasional visits to physical office spaces. This flexibility allows employees and young entrepreneurs to choose their most productive working hours and environments, supporting better work-life balance and reducing the stress of daily commuting. Moreover, virtual collaboration and communication platforms are projected to become increasingly sophisticated. AI (Artificial Intelligence) and machine learning technologies will streamline project management, team scheduling, and performance monitoring processes automatically. These advancements will boost

communication efficiency, speed up decision-making, and strengthen social connections among geographically dispersed teams. Digital data security will also become a major focus in the evolution of virtual offices. As more work activities move online, cyber threats will increase. Therefore, companies must invest in robust security technologies such as data encryption, multi-factor authentication (MFA), and reliable cloud security systems to protect business and customer information.

Aligned with ongoing trends, the virtual office phenomenon also complements the digital nomad and nomadpreneur lifestyle emerging in Indonesia. Supported by government initiatives like the Remote Worker Visa and the growing number of coworking spaces and virtual office service providers in major cities such as Jakarta, Bali, and Bandung, Indonesia is positioning itself as a flexible work destination in Southeast Asia. With tremendous opportunities and manageable challenges ahead, virtual offices are poised to become a new standard for the future of work in Indonesia. This model is considered effective for reducing operational costs, enhancing work-life balance, and fostering innovation and productivity among the country's dynamic youth. One of the primary trends driving virtual office advancement is the integration of immersive technologies like VR and AR. These tools allow remote collaboration to replicate the physical office experience through interactive 3D environments. Workers can engage in real-time, participate in personalized virtual meetings, and manage cross-location projects seamlessly. Simultaneously, Indonesia's digital infrastructure continues to evolve positively, improving internet speed, expanding access to remote regions, and strengthening data protection, all of which are crucial for supporting digital work.

Hybrid work is expected to become the dominant format in the future, blending remote work with in-person office visits. For young entrepreneurs and Gen Z, this model offers flexibility in choosing optimal working times and locations, which supports well-being and reduces commuting fatigue. Advances in AI and machine learning will further optimize virtual work efficiency by automating scheduling, monitoring progress, and evaluating team performance in real-time. These features will allow companies to make faster, smarter decisions and maintain coordination across distributed teams.

Digital security will remain a top priority. As reliance on cloud systems and online data increases, so do the risks of cyberattacks. Therefore, investing in secure technologies, such as encrypted data systems, MFA, and advanced cloud protection will be essential to maintaining the confidentiality and integrity of business information. This trend is also closely tied to the growing lifestyle of digital nomads and nomadpreneurs, particularly among younger generations. Cities like Jakarta, Bandung, and Bali have become hubs for coworking spaces and virtual office services, providing remote professionals with key support such as mail handling, flexible meeting spaces, and access to vibrant professional communities. With all these advantages, virtual offices have the potential to become the new standard work model in Indonesia. This system not only reduces operational costs but also promotes productivity, innovation, and work-life harmony for young digital entrepreneurs. For successful long-term implementation, readiness in technology, supportive government policies, and a shift in workplace culture will be crucial.

CONCLUSIONS

Based on the literature review, it can be concluded that virtual offices offer a modern and highly relevant solution for young entrepreneurs and Generation Z in Indonesia. The rapid growth of this trend is closely linked to advancements in digital technology and the evolution of work culture following the pandemic. Virtual offices provide various

advantages, including reduced operational costs, flexibility in work schedules and locations, and continuous access to business services regardless of geographic constraints.

From a psychological perspective, virtual offices positively impact mental well-being, motivation, and work-life balance for young entrepreneurs and Gen Z workers. The flexibility inherent in this work model reduces stress, promotes healthier life balances, and enhances job satisfaction and productivity. Furthermore, the rise of the nomadpreneur trend, facilitated by virtual office services, continues to grow across Indonesia, allowing entrepreneurs to operate from multiple locations without the need for fixed office spaces. However, virtual offices also present challenges, such as difficulties in remote team coordination, communication barriers, and digital data security concerns. To overcome these challenges, strategic optimization is crucial, which includes leveraging digital tools effectively, fostering a positive virtual work culture, managing work-life balance wisely, and implementing robust performance monitoring and data security measures. Future research should focus on empirical studies to further contribute to the development of virtual work systems in Indonesia.

REFERENCES

Athalia Asta Dewi. (2024). The Effect of Digital Payment on Generation Z's Consumptive Behaviour. *International Journal Administration, Business & Organization*, *5*(3), 75–85. https://doi.org/10.61242/ijabo.24.321

Aura, R. R., & Hutahaean, E. S. H. (2025). *Pengaruh Work Life Balance Terhadap Kepuasan Kerja Pada Generasi Z*. *2*(4), 98–107.

Barrero, J. M., Bloom, N., & Davis, S. J. (2020). Why Working From Home Will Stick. *SSRN Electronic Journal*. https://doi.org/10.2139/ssrn.3741644

Bondarouk, T., & Brewster, C. (2016). Conceptualising the future of HRM and technology research. *International Journal of Human Resource Management*, *27*(21), 2652–2671. https://doi.org/10.1080/09585192.2016.1232296

Cardon, M. S., & Patel, P. C. (2015). Is stress worth it? Stress-related health and wealth trade-offs for entrepreneurs. *Applied Psychology*, *64*(2), 379–420. https://doi.org/10.1111/apps.12021

Chakraborti, T., Isahagian, V., Khalaf, R., Khazaeni, Y., Muthusamy, V., Rizk, Y., & Unuvar, M. (2020). From Robotic Process Automation to Intelligent Process Automation: – Emerging Trends –. *Lecture Notes in Business Information Processing*, *393 LNBIP*, 215–228. https://doi.org/10.1007/978-3-030-58779-6_15

Chandler, J. D., & Lusch, R. F. (2015). Service Systems: A Broadened Framework and Research Agenda on Value Propositions, Engagement, and Service Experience. *Journal of Service Research*, *18*(1), 6–22. https://doi.org/10.1177/1094670514537709

Choudhury, P., Foroughi, C., & Larson, B. Z. (2020). Work-from-anywhere: The productivity effects of geographic flexibility. *80th Annual Meeting of the Academy of Management 2020: Understanding the Inclusive Organization, AoM 2020*. https://doi.org/10.5465/AMBPP.2020.225

Corey Seemiller and Meghan Grace (Jossey-Bass Publisher, 2016). (n.d.). *Generation Z Goes to College*.

Chaniago, H., & Efawati, Y. (2024). Individual Innovative Behavior Model: The Role of Entrepreneurial Leadership in Uncertain Times. *Quality-Access to Success*, *25*(202).

Chaniago, H. (2023). Investigation of entrepreneurial leadership and digital transformation: Achieving business success in uncertain economic conditions. *Journal of technology management & innovation*, *18*(2), 18-27.

Chaniago, H., & Sayuti, A. M. (2022). The impact of social media use on student entrepreneurship intention and implementation: Evidence from Indonesia. *The Journal of Asian Finance, Economics and Business (JAFEB)*, *9*(2), 371-382.

Chaniago, H. (2020). The effects of entrepreneurial personality to competitiveness and corporate image: A study on chocolate agent entrepreneurs. *International Review of Management and Marketing*, *10*(2), 21.

Dery Wijaya, Samsuri Samsuri, & Rachmat Gunawan. (2023). Pengaruh Gaya Kepemimpinan dan Budaya Organisasi terhadap Kinerja Karyawan. *Lokawati : Jurnal Penelitian Manajemen Dan Inovasi Riset*, *1*(6), 123–130. https://doi.org/10.61132/lokawati.v1i6.342

Elo, S., Kääriäinen, M., Kanste, O., Pölkki, T., Utriainen, K., & Kyngäs, H. (2014). Qualitative Content Analysis. *SAGE Open*, *4*(1), 215824401452263. https://doi.org/10.1177/2158244014522633

Efawati, Y. (2024). Peran Budaya Digital dan Kreativitas terhadap Kinerja Karyawan: Apakah Krusial Bagi Perusahaan?. *Jurnal Akuntansi Keuangan dan Bisnis*, *17*(2), 139-150.

Fisher, G. G., Bulger, C. A., & Smith, C. S. (2009). Beyond Work and Family: A Measure of Work/Nonwork Interference and Enhancement. *Journal of Occupational Health Psychology*, *14*(4), 441–456. https://doi.org/10.1037/a0016737

Francis, T., & Hoefel, F. (2018). "True Gen": Generation Z and its implications for companies. *McKinsey & Company*, 10. https://www.mckinsey.com/~/media/McKinsey/Industries/Consumer Packaged Goods/Our Insights/True Gen Generation Z and its implications for companies/Generation-Z-and-its-implication-for-companies.ashx

Greenhaus, J. H., Collins, K. M., & Shaw, J. D. (2003). The relation between work-family balance and quality of life. *Journal of Vocational Behavior*, *63*(3), 510–531. https://doi.org/10.1016/S0001-8791(02)00042-8

Hashem, I. A. T., Yaqoob, I., Anuar, N. B., Mokhtar, S., Gani, A., & Ullah Khan, S. (2015). The rise of "big data" on cloud computing: Review and open research issues. *Information Systems*, *47*, 98–115. https://doi.org/10.1016/j.is.2014.07.006

Hausman, J. (2012). Contingent valuation: From dubious to hopeless. *Journal of Economic Perspectives*, *26*(4), 43–56. https://doi.org/10.1257/jep.26.4.43

Hill, E. J., Ferris, M., & Märtinson, V. (2003). Does it matter where you work? A comparison of how three work venues (traditional office, virtual office, and home office) influence aspects of work and personal/family life. In *Journal of Vocational Behavior* (Vol. 63, Issue 2). https://doi.org/10.1016/S0001-8791(03)00042-3

Jamal, M. (2007). Job stress and job performance controversy revisited: An empirical examination in two countries. *International Journal of Stress Management*, *14*(2), 175–187. https://doi.org/10.1037/1072-5245.14.2.175

Khatib, M. El, Hammadi, A. Al, Hamar, A. Al, Oraby, K., & Abdulaziz, M. (2022). How Global Supply Chain Management Is Disrupting Local Supply Chain Management Case of Oil and Gas Industry in UAE. *American Journal of Industrial and Business Management*, *12*(05), 1067–1078. https://doi.org/10.4236/ajibm.2022.125056

Kossek, E. E., Valcour, M., & Lirio, P. (2014). The Sustainable Workforce. *Wellbeing*, *III*, 1–24. https://doi.org/10.1002/9781118539415.wbwell030

Kring, B. (2018). iGen: Why Today's Super-connected Kids Are Growing Up Less Rebellious, More Tolerant, Less Happy-and Completely Unprepared for Adulthood-and What That Means for the Rest of Us by Jean Twenge (review). *Group*, *42*(4), 363–365. https://doi.org/10.1353/grp.2018.0004

Messenger, J. C. (2019). Telework in the 21st Century: An Evolutionary Perspective. In *Telework in the 21st Century: An Evolutionary Perspective*. https://doi.org/10.4337/9781789903751

Nursafitri, R. E., & Andayani, S. (2022). Pengaruh Kompetensi Sumber Daya Manusia, Pemanfaatan Teknologi Informasi, Dan Sistem Pengendalian Intern Pemerintah Terhadap Pengamanan Aset Tetap Daerah. *Jurnal Maneksi*, *10*(2), 177–185. https://doi.org/10.31959/jm.v10i2.793

Nurain, A., Chaniago, H., & Efawati, Y. (2024). Digital Behavior and Impact on Employee Performance: Evidence from Indonesia. *Journal of Technology Management & Innovation*, *19*(3), 15-27.

OECD. (2020). Productivity gains from teleworking in the post COVID-19 era: How can public policies make it happen? | OECD Policy Responses to Coronavirus (COVID-19). *Organisation for Economic Cooperation and Development (OECD)*, *September*, 1–24. https://www.oecd-ilibrary.org/science-and-technology/productivity-gains-from-teleworking-in-the-post-covid-19-era_a5d52e99-en

Perkasa, D. H., Arbaina, C., Purwanto, S., Sari, O. H., & Tarmiji, A. (2023). Pengaruh Kedisiplinan, Kepemimpinan dan Lingkungan Kerja terhadap Kinerja Karyawan. *AGILITY: Lentera Manajemen Sumber Daya Manusia*, *1*(02), 47–59. https://doi.org/10.59422/lmsdm.v1i02.84

Putri, D., & Pratiwi, N. M. I. (2024). Optimalisasi Strategi Digital Marketing Graha Office: Meningkatkan Brand Awareness Melalui Social Media Optimization (Smo) Dan Search Engine Optimization (Seo) Di Pt Otak Kanan. *GEMAH RIPAH: Jurnal Bisnis*, *4*(01), 14–21. https://doi.org/10.69957/grjb.v4i01.1500

Rachmawati, D. (2019). Welcoming Gen Z in Job World (Selamat Datang Generasi Z di dunia kerja). *Proceeding Indonesia Career Center Network Summit IV*, 21–24.

Raghuram, S., Hill, N. S., Gibbs, J. L., Maruping, L. M., & Robinson, J. M. (2019). *Forthcoming in The Academy of Management Annals*.

Rifathurrahman, R. F., Chaniago, H., & Efawati, Y. (2024). The Effect Of E-Service Quality On Repurchase Interests Of The Online Shopping Shopee Indonesia. *Jurnal Ekonomika dan Manajemen*, *13*(1), 8-25.

Sari, A., Zamzam, F., & Syamsudin, H. (2020). Pengaruh Kepemimpinan, Kompensasi, dan Motivasi terhadap Kinerja Karyawan. *Jurnal Nasional Manajemen Pemasaran & SDM*, *1*(2), 1–18.

https://doi.org/10.47747/jnmpsdm.v1i2.91

Setyowati, W., & Sari Nanda, N. R. (2019). Pengaruh Likuiditas, Operating Capacity, Ukuran Perusahaan Dan Pertumbuhan Penjualan Terhadap Financial Distress (Studi Pada Perusahaan Manufaktur Yang Terdaftar Di Bei Tahun 2016-2017). *Jurnal Magisma*, *4*(2), 618–624.

Sholeh, A. A., Kristiawati, I., Daengs, A. G., Dewi, R., Susanti, R., & Hidayat, R. (2024). Kompensasi Terhadap Motivasi Kerja Karyawan Pada PT. Insolent Raya Di Surabaya. *JMCBUS: Journal of Management and Creative Business*, *2*(1), 82–96. https://doi.org/10.30640/jmcbus.v2i1.2069

Sicari, S., Rizzardi, A., Grieco, L. A., & Coen-Porisini, A. (2015). Security, privacy and trust in Internet of things: The road ahead. *Computer Networks*, *76*, 146–164. https://doi.org/10.1016/j.comnet.2014.11.008

Snyder, H. (2019). Literature review as a research methodology: An overview and guidelines. *Journal of Business Research*, *104*(March), 333–339. https://doi.org/10.1016/j.jbusres.2019.07.039

Stephan, U. (2018). Entrepreneurs' mental health and well-being: A review and research Agenda. *Academy of Management Learning and Education*, *17*(3), 290–322. https://doi.org/10.5465/amp.2017.0001

Stone, D. L., & Deadrick, D. L. (2015). Challenges and opportunities affecting the future of human resource management. *Human Resource Management Review*, *25*(2), 139–145. https://doi.org/10.1016/j.hrmr.2015.01.003

Suryani, S., & Chaniago, H. (2023). Digital Literacy and Its Impact on Entrepreneurial Intentions: Studies on Vocational Students. *International Journal Administration Business and Organization*, *4*(2), 16–22. https://doi.org/10.61242/ijabo.23.261

Thariq, F., & Efawati, Y. (2024). The Influence of Website Quality on Buying Interest Consumer. *International Journal Administration, Business & Organization*, *5*(3), 64-74.

Taris, T. W., Kompier, M. A. J., Geurts, S. A. E., Houtman, I. L. D., & van den Heuvel, F. F. M. (2010). Professional efficacy, exhaustion, and work characteristics among police officers: A longitudinal test of the learning-related predictions of the demand-control model. *Journal of Occupational and Organizational Psychology*, *83*(2), 455–474. https://doi.org/10.1348/096317909X424583

Tavares, A. I. (2017). Telework and health effects review. *International Journal of Healthcare*, *3*(2), 30. https://doi.org/10.5430/ijh.v3n2p30

Traver, C. G. (2007). *E -commerce : business, technology, society. Fourth Edition*.

Uy, M. A., Foo, M. Der, & Song, Z. (2013). Joint effects of prior start-up experience and coping strategies on entrepreneurs' psychological well-being. *Journal of Business Venturing*, *28*(5), 583–597. https://doi.org/10.1016/j.jbusvent.2012.04.003

Waizenegger, L., McKenna, B., Cai, W., & Bendz, T. (2020). An affordance perspective of team collaboration and enforced working from home during COVID-19. *European Journal of Information Systems*, *29*(4), 429–442. https://doi.org/10.1080/0960085X.2020.1800417

Wall, T., & Foundation, T. D. (2001). Praise for Getting Things Done. In *Quality* (Vol. 65, Issue 6). http://www.hull.ac.uk/php/sbsad2/Article_3___How_to_make_a_team_work.pdf

Wang, B., Liu, Y., Qian, J., & Parker, S. K. (2021). Achieving Effective Remote Working During the COVID-19 Pandemic: A Work Design Perspective. In *Applied Psychology* (Vol. 70, Issue 1). https://doi.org/10.1111/apps.12290

Zaman, S. N. (2024). Survey Deloitte: Kekhawatiran Gen Z dalam Hidup. *AKADEMIK: Jurnal Mahasiswa Humanis*, *4*(1), 54–62. https://doi.org/10.37481/jmh.v4i1.658

Zeqiri, J., Ramadani, V., & Aloulou, W. J. (2023). The effect of perceived convenience and perceived value on intention to repurchase in online shopping: the mediating effect of e-WOM and trust. *Economic Research-Ekonomska Istrazivanja* , *36*(3). https://doi.org/10.1080/1331677X.2022.2153721

Zhou, J., & George, J. M. (2001). When Job Dissatisfaction Leads to Creativity : Encouraging the Expression of Voice Author (s): Jing Zhou and Jennifer M . George Source : The Academy of Management Journal , Vol . 44 , No . 4 (Aug ., 2001), pp . 682-696 Published by : Academy of Manag. *The Academy of Management Journal*, *44*(4), 682–696.