

# Psychological Safety, Employee Engagement And Organizational Resilience: Basis For A Comprehensive Plan For Enhancing Organizational Performance In The Hotel **Industry**

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**Abstract:** This study investigated the relationship between three important variables – psychological safety, employee engagement, and organizational resilience – which drive organizational performance in the hotel industry within Metro Manila, addressing a gap in existing research specific to this sector. An actionable comprehensive plan for enhancing organizational performance was developed by exploring how these factors contribute to an organization's success. Using Spearman's Rho Correlation and Multiple Regression, the study analyzed data collected from hotel employees. Results showed significant positive correlations among the three factors. The results indicated that hotel staff feel secure and connected in their work environment, which greatly enhances their organization's capacity to handle challenges more efficiently. These findings highlight the need for hotel managers to fine-tune their HR practices to improve organizational performance.

Index Terms - Employee Engagement, Organizational Development Strategies, Organizational Resilience, Psychological Safety

#### I. INTRODUCTION

In the fast-evolving landscape of business today, psychological safety, employee engagement, and organizational resilience are essential for long-term success and growth in every business (Edmondson & Bransby, 2023). This study explored how these three elements correlate and form the foundation for creating an effective comprehensive plan for enhancing organizational performance.

The hotel industry has long faced unique challenges, including high employee turnover, fluctuating demand, and the need for exceptional customer service. Gaining understanding into the extent of psychological safety and employee engagement directly impact organizational resilience can help hotels better navigate these challenges. By fostering and developing a supportive, collaborative, and engaging workplace, hotels can improve their resilience and overall performance (Hillmann & Guenther, 2021).

Resilience is crucial because low resilience can lead to negative outcomes for companies, particularly in terms of poor risk management. Companies with weak risk control are less resilient and more vulnerable to disruptions due to a lack of support from top management, insufficient resources, and poor communication (Duchek, 2020). For the hotel industry, improving resilience can lead to better handling of crises, improved employee retention, and higher customer satisfaction.

Although similar studies exist in different industries, research specifically targeting the topic is scarce on the hotel sector and the relationship between these three factors. This study aimed to address this deficiency by analyzing how these factors influence one another within the framework of the hotel industry.

This study aimed to shed light on the correlation between psychological safety and employee engagement, considering them as drivers of organizational resilience. The psychological well-being and overall engagement of employees play a crucial role in how well an organization can recover from challenges and disruptions. For example, when employees don't feel psychologically safe, their engagement decreases, which in turn reduces organizational resilience (Saks, 2019). Understanding this relationship is key to developing effective strategies, especially for hotels that constantly face changes and challenges.

The way psychological safety, employee engagement, and organizational resilience work together is not just theoretical; it forms the foundation for creating organizations that are not only resilient but also creative and adaptable. When hotel employees feel confident in sharing their thoughts and embracing challenges, they become more engaged and productive. Fostering competitiveness, resiliency, and innovation are just some of the reasons why these three elements are essential for developing business plans. The takeaway of this study is a comprehensive plan for enhancing organizational performance through a strategic focus on cultivating safety, engagement, and resilience. By integrating these elements into the core operations and culture of hotels, businesses can improve both employee satisfaction and overall business performance (Sun & Bunchapattanasakda, 2019).

## II. NEED OF THE STUDY

The findings could have significant implications for various stakeholders, especially employees, officers and supervisors, hotel managers, policymakers or decision makers, and future researchers. This study promises to deliver groundbreaking insights into how psychological safety and employee engagement influence organizational resilience in hotels.

The researcher is guided by the following hypotheses of the study, which are:

H<sub>1</sub>: Psychological safety and organizational resilience are significantly correlated.

H<sub>2</sub>: Employee engagement and organizational resilience are significantly correlated.

H<sub>3</sub>: Psychological safety and employee engagement significantly impact organizational resilience.

#### III. RESEARCH METHODOLOGY

Descriptive Correlational Design was utilized for investigating the connections of the three (3) variables. Myers and Well (2018) claim that correlated design establishes cause and effect relationships between variables by looking at how independent variables affect the dependent variable. It made it possible for the researcher to simultaneously examine three variables, and it helped to explain how the variables' elements relate to one another. The relationships were assigned directions and degrees by means of statistical examination.

Moreover, it also investigated the connection among three variables—psychological safety, employee engagement, and organizational resilience—with private employees. The analysis led to the development of a comprehensive plan, which is the focus of the study.

#### 3.1 Population and Sample

The respondents of the study were employees within Metro Manila, specifically targeting individuals working in the hotel industry. This industry segment was chosen due to its significant role in fostering psychological safety, enhancing employee engagement, and building organizational resilience. The constantly evolving nature of the hotel industry requires continuous innovation and adaptability, making it an ideal setting to study these critical factors.

For research purposes, the use of Raosoft formula determined the 377 respondents as recommended sample size. 20,000 people were set as the population size, computed at a 95% confidence level and 50% response distribution.

## 3.2 Data and Sources of Data

The dissemination of the survey instrument was carefully planned. Surveys were delivered to the designated respondents both online and face-to-face as soon as the researcher received approval to carry out the study. The respondents, private employees in Metro Manila, were identified and consent was requested to obtain their personal information if provided in the questionnaire. Writing personal information such as names was optional to ensure data privacy.

The researcher distributed the survey questions to the participants simultaneously through in-person and online methods. Participants were given 30 minutes to complete the questionnaires. The collected data was then subjected to quantitative analysis.

#### 3.3 Theoretical Framework

This study aligned with Hugh Mitchell's Organizational Performance Framework (2002), which evaluates organizational performance through four key indicators: Relevance, Effectiveness, Efficiency, and Financial Viability. Additionally, it incorporates elements of Organizational Motivation, External Environment, and Organizational Capacity.

The study addressed the needs of stakeholders by highlighting the significance of the three identified variables. These factors are essential for encouraging a supporting and secure workplace, meeting employees' emotional and cognitive needs, and ensuring the organization can adapt to changes and meet stakeholder expectations. The positive correlations found between psychological safety, employee engagement, and organizational resilience indicated that fostering a safe and engaging environment leads to better organizational outcomes, thus enhancing effectiveness. Engaged employees are more productive and innovative, directly contributing to the success of the organization in achieving its goals.

Promoting a psychologically safe environment reduces turnover and absenteeism, leading to more efficient use of human resources. Motivated employees tend to excel in their roles, driven by a desire to perform effectively and support the organization's success. Promoting psychological safety and strong employee engagement can result in lower turnover rates and decreased expenses related to recruiting and training new staff, supporting financial sustainability. Elevated engagement levels can boost productivity and profitability, strengthening the organization's financial stability. Resilient organizations are better armed to handle financial shocks and maintain stability, guaranteeing long-term financial viability.

From these, the study supported Organizational Motivation by promoting an environment of transparent communication and inclusiveness, External Environment by addressing challenges in the hotel industry, and Organizational Capacity by emphasizing the significance of leadership, structure, and human resources in achieving desired performance outcomes. By integrating these elements, the study demonstrated how psychological safety, employee engagement, and organizational resilience influence overall organizational success and sustainability. This alignment provided a holistic strategy for improving organizational effectiveness through strategic interventions and development strategies.

Figure 1: Theoretical Framework

	Organizational Motivation  History Mission Culture Incentives/Rewards	
Environment  Administrative Political Social/Cultural Technological Economic Stakeholder	Organizational Performance	Organizational Capacity  Strategic Leadership Structure Human Resources Finance Program/Services Infrastructure Technology Inter-organizational Linkages

#### 3.4 Statistical Tools and Econometric Models

This section elaborates the proper statistical/econometric/financial models which are being used to forward the study from data towards inferences. The detail of methodology is given as follows.

## 3.4.1 Spearman's Rho Correlation

Spearman's Rho correlation coefficient was utilized to analyze the connections among psychological safety, employee engagement, and organizational resilience, as detailed in SOP 1-3 of the research. Spearman's rho measures the strength and direction of a consistent association between two ranked variables. Statistical significance was evaluated at the 0.05 and 0.01 levels. The values of Spearman's rho will be utilized to determine the extent of the monotonic relationship  $(\rho)$ .

## 3.4.2 Multiple Regression

This method examined the influence of multiple independent variables on a single dependent variable. In this study, it assessed how psychological safety and employee engagement influence organizational resilience.

With multiple regression, a small sample size can result in overfitting, where the model captures random noise rather than the true relationship. Violations of assumptions or issues like multicollinearity can lead to incorrect conclusions about the effect of psychological safety and employee engagement on organizational resilience.

## IV. RESULTS AND DISCUSSION

# 4.1 Results of Descriptive Statics of Study Variables

## **4.1.1 Profile of the Respondents**

The sample had a slightly predominant female demographic (55.7%) in comparison with males (44.3%). This could indicate a higher female workforce in the hotel industry within the surveyed population. The largest age group among respondents is those born between 1995 and 2009 (63.1%). This suggests that the workforce is predominantly young, with a significant portion of employees being millennials and Gen Z. The smallest age group are those born between 1946 and 1964 (0.5%).

A higher percentage of respondents were single (58.1%) compared to married (41.9%). This might reflect the lifestyle or career stage of many employees in the hotel industry. This distribution may also reflect the demographic trends in the hotel industry workforce, where younger, single individuals are more prevalent. More than half of the respondents (54.6%) have been with their current employer for 1-5 years, suggesting moderate employee retention. A significant portion (24.7%) has been with their employer for less than a year, which could indicate high turnover rates or recent hiring trends. Only 5.3% have been with their employer for more than 10 years, pointing to potential challenges in long-term employee retention.

The distribution between Front of the House (FOH) (52.5%) and Back of the House (BOH) (47.5%) employees was fairly balanced, indicating a well-rounded representation of different roles. Employees in the FOH are those who interact directly with guests, such as managers, front office staff, food and beverage personnel, housekeeping, and security. In contrast, employees in the BOH work behind the scenes and do not typically engage with guests. This group includes staff from departments like human resources, accounting, culinary, and engineering. This balance is important for understanding the dynamics and interactions within the hotel industry.

Table 1: Profile of the Respondents Summary

Profile		Frequency	Percentage
Gender	Male	167	44.3
	Female	210	55.7
Age Group	1995-2009	238	63.1
	1980-1994	105	27.9
	1965- <mark>197</mark> 9	32	8.5
	1946-1964	2	.5
Civil Status	Single	219	58.1
	Married	158	41.9
Tenure	< 1 year	93	24.7
	1-5 years	206	54.6
	6-10 years	58	15.4
	> 10 years	20	5.3
Department	Front of the House	198	52.5
-	Back of the House	179	47.5
Total	اممماناممه	377	100

The following sections of the questionnaire assessed the levels of various variables using 10 specific indicators. These indicators provided a comprehensive evaluation of key aspects such as psychological safety, employee engagement, and organizational resilience. The discussions delved into the data collected, offered an overview of the current conditions of these variables among private employees in Metro Manila. By analyzing the mean value and variation metric, we can interpret the overall perceptions and experiences of the respondents, shedding light on core competencies and enhancement possibilities within the workplace.

## 4.1.2 Level of Psychological Safety among Employees

This analysis shows that employees strongly agree with the statements regarding their psychological safety at work.

Table 2: Level of Psychological Safety

Indicators	Mean	SD	Interpretation
1. I can approach my team leader with any questions or concerns I have about my job.	8.44	1.61	Highly Psychologically Safe
2. I can express my thoughts to my team leader on work-related matters.	8.22	1.73	Highly Psychologically Safe
3. Speaking up to my peers would seem secured if I was wrong in this team.	8.04	1.77	Highly Psychologically Safe
4. I can be confident that my team leader values my opinions if I express them.	8.13	1.84	Highly Psychologically Safe

			Psychologically Safe
Weighted Mean	8.24	2.03	Highly
members.			
disseminate knowledge a <mark>mo</mark> ng team			Psychologically Safe
10. There are sincere efforts made to	8.25	1.64	Highly
9. Within the team, members notify one another on matters pertaining to work.		1.60	Highly Psychologically Safe
8. To get help from other people on this team is easy.		1.55	Highly Psychologically Safe
7. In this company, I know that my boss would stand up for me if I had a problem.	8.39	5.02	Highly Psychologically Safe
6. I can discuss my thoughts or proposals for new projects or improvements to current processes with my friends.		1.69	Highly Psychologically Safe
5. I get support and encouragement from my team leader when I take on new jobs or learn new skills.		1.81	Highly Psychologically Safe
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The literature highlighted the significance of psychological safety in fostering effective communication, collaboration, and innovation amongst groups. Edmondson (2019) emphasized that psychological safety allows employees to share information, offer thoughts, and critique ideas without the worry of adverse repercussions. This leads to better decision-making and overall team performance. It can also be noted that psychological safety improves the quality of decisions by enabling teams to consider a wider range of perspectives.

The results of the study aligned with these literature, as respondents confirmed that they feel highly psychologically safe at work. The highest mean score (8.44) for the statement "I can approach my team leader with any questions or concerns I have about my job" indicates strong agreement, suggesting that employees feel comfortable seeking guidance and support from their leaders. This supported the idea that a psychologically safe environment enhances communication and collaboration.

# 4.1.3 Extent to Which Employees are Engaged

This analysis demonstrates that employees are very involved in their work, suggesting a strong feeling of motivation and alignment with the company's objectives.

Table 3: Level of Employee Engagement

Indicators	Mean	SD	Interpretation
1. I feel completely energized at work.	8.07	1.59	Highly Engaged
2. I am involved with the company's objectives.	8.19	1.69	Highly Engaged
3. I am not distracted by anything when doing a job.	7.80	1.74	Highly Engaged
4. I take extreme satisfaction in the work that I do.	7.98	1.83	Highly Engaged
5. My inspiration came from my employment.	7.90	1.78	Highly Engaged
6. I take pride in the things that I accomplish.	8.27	1.68	Highly Engaged
7. I am motivated and feel powerful when I'm working.	8.07	1.71	Highly Engaged
8. When I work hard, I feel content.	8.23	1.67	Highly Engaged
9. I believe there is a meaning to everything I do.	8.21	1.75	Highly Engaged
10. My employment is taking up all my time.	8.01	1.72	Highly Engaged
Weighted Mean	8.08	1.71	Highly Engaged

Overall, the data reflected a positive and highly engaged work environment, where employees are not only motivated, focused, and proud, but also deeply connected to the meaning and value of their work. This strong sense of commitment extends beyond individual performance, contributing to higher job satisfaction, reduced turnover, and greater productivity. When team members feel energized and supported, they tend to be innovative, customer-oriented, and aligned with the organization's goals – factors that significantly enhance overall organizational effectiveness and long-term success.

The research results showed that employees are quite invested in their tasks. The highest mean score (8.27) for the statement "I take pride in the things that I accomplish" suggests that employees derive a sense of pride and satisfaction from their work. This aligned with the literature, which underscores the significance of work engagement in boosting work fulfillment, performance, and overall organizational success (Wong & Liem, 2021; Lyons et al., 2024).

## 4.1.4 Resilience of Employees within Organizations

This analysis shows that employees are resilient at work, indicating a strong capacity for adaptation and support within the organization.

Table 4: Organizational Resilience

Indicators	Mean	SD	Int <mark>erpre</mark> tation
1. I would come up with ways to resolve issues (which may involve using tools, my own work,	8.22	1.64	Highly Resilient
or someone else's if permitted).			
2. I would help other members of my team.	8.47	1.71	Highly Resilient
3. I'm sure I can react in a way that will best serve my own interests in an emergency.	8.18	1.69	Highly Resilient
4. With enough resources, I could handle a problem the way it's advised.	8.26	1.75	Highly Resilient
5. I would make an effort to change the minds of	7.73	2.14	Resilient
those who hold unfavorable views about my company.			
6. I would thoroughly examine difficult issues.	7.98	2.06	Highly Resilient
7. Following the crisis, I would only speak well of the organization.	7.98	1.73	Highly Resilient
8. After the crisis, I would react flexibly to general organizational changes (such as changes in management).	8.17	1.66	Highly Resilient
9. After the crisis, I would pick up knowledge or abilities that would enable me to adapt to general organizational changes.	8.20	1.69	Highly Resilient
10. After the crisis, I would actively participate in initiatives that increase the organization's overall performance.	8.21	1.69	Highly Resilient
Weighted Mean	8.14	1.78	<b>Highly Resilient</b>

Organizational resilience is defined as the organization's ability to survive and adjust to interferences while preserving its fundamental purpose and identity (Suarez & Montes, 2020). Resilience involves sensemaking, learning, and improvisation (Su & Junge, 2023). Recent studies emphasize the significance of creating structured routines, clear guidelines, and the capacity to adapt and innovate in order to manage and succeed in unpredictable situations (Suarez & Montes, 2020).

The study's results showed that employees have high resilience at work. The highest mean score (8.47) for the statement "I would help other members of my team" indicates strong agreement, suggesting a high level of support and cooperation within teams. This aligned with the literature, which emphasized the significance of collaboration and support in promoting organizational resilience.

## 4.1.5 Correlation of Psychological Safety, Employee Engagement, and Organizational Resilience

Table 5: Correlation Between Psychological Safety, Employee Engagement, and Organizational Resilience

Vari	iables	Spearman- rho	P-value	Decision	Conclusion
Psychological Safety	Organizational Resilience	.852	.000	Reject Ho	Significant
Employee Engagement		.854	.000	Reject Ho	Significant

Table 5 displays the Spearman correlation results regarding the relationships among psychological safety, employee engagement, and organizational resilience. The data indicates a strong positive correlation between psychological safety and organizational resilience (rho = .852) and a similarly strong positive correlation between employee engagement and organizational resilience (rho = .854). Furthermore, both p-values are .000, which leads to the rejection of the null hypotheses. All correlations are statistically significant, suggesting that increased levels of psychological safety and employee engagement are linked to enhanced organizational resilience.

Table 6: Multiple Correlation Between Psychological Safety and Employee Engagement Combined with Organizational Resilience

Variables	R	Computed- value	P-value	Decision	Conclusion
Psychological Safety		10.40	.000	Reject Ho	S <mark>ignificant</mark>
Employ <mark>ee</mark> Engagement	.897	14.46	.000	Reject Ho	Significant

Table 6 presents the multiple correlation results of the correlation between psychological safety and employee engagement combined, and organizational resilience. (R=.897). It also revealed that the p-value for psychological safety (p=.000) and employee engagement (p=.000) are less than the significant level then the hypotheses are rejected. Therefore, it can be concluded that "There is a significant correlation between psychological safety and employee engagement combined, and organizational resilience."

The results aligned with the literature, which suggests that higher levels of psychological safety and employee engagement contribute to greater organizational resilience. This is evident in the strong positive correlation observed in the study. The significant p-values further validate the importance of these factors in enhancing organizational resilience.

The study's findings reinforced the crucial function of psychological safety and employee engagement in fostering organizational resilience. By fostering a positive and engaging workplace, organizations can improve their capacity to adjust to and bounce back from disruptions. The strong positive correlation observed in the study underscores the interconnectedness of these factors and their combined impact on organizational resilience. This highlighted the need for organizations to highlight psychological safety and employee engagement in conjunction with development strategies to build a resilient workforce.

#### V. CONCLUSION

The study's findings revealed that the levels of psychological safety, employee engagement, and organizational resilience are equally diversified across genders, indicating no significant gender-based differences in these factors. Most respondents are from Gen Z, suggesting that employment trends in the hotel industry are skewed towards younger employees, whose characteristics and preferences may influence these levels. The respondents are equally distributed between single and married employees, highlighting that both groups contribute to the overall dynamics of the hotel industry. Most respondents have a tenure of 1-5 years, indicating that these levels are primarily influenced by employees relatively early in their careers, emphasizing the importance of addressing their needs and expectations to foster a supportive and engaging work environment. Additionally, the respondents are equally distributed across different departments, ensuring a comprehensive view of the experiences and perceptions of employees from all areas of the hotel industry.

The study concluded that employees in the hotel industry in Metro Manila generally feel highly psychologically safe at work, which fosters an environment where open communication, collaboration, and innovation can thrive. This sense of psychological safety motivates employees to express ideas, ask questions, and raise concerns without hesitation, encouraging better decision-making and problem-solving throughout the organization.

Additionally, employees exhibit high levels of engagement, characterized by motivation, commitment, and satisfaction with their work. Engaged employees are more productive, innovative, and customer-focused, contributing to overall job satisfaction, lower turnover rates, and higher organizational performance.

The study also indicates that employees demonstrate strong organizational resilience, which refers to the ability to absorb and adapt to disruptions while maintaining core purpose and identity. Employees show a strong capacity for adaptation and support within the organization, being proactive in resolving issues, helping team members, and reacting effectively in emergencies. Significant positive correlations were found between psychological safety, employee engagement, and organizational resilience, suggesting that higher levels of psychological safety and employee engagement are associated with greater organizational resilience.

#### VI. RECOMMENDATIONS

To effectively enhance psychological safety, employee engagement, and organizational resilience within the hotel industry in Metro Manila, organizations should prioritize creating an environment that supports open communication, leadership development, and robust policies. These elements are vital for fostering a workplace culture where employees feel valued and empowered.

Recognition and reward programs tailored to employees' tenure can significantly boost motivation and engagement. Initiatives that provide career development opportunities and promote work-life balance contribute to overall employee well-being. Building organizational resilience through targeted training, fostering a supportive work environment, and encouraging continuous learning is essential for long-term success. Leveraging technology for communication and virtual team-building, establishing regular feedback mechanisms, and fostering a culture of innovation further strengthen resilience and drive performance.

Although the study results indicate a positive response to these three critical variables, it is imperative to maintain and continuously improve strategies that support organizational development. The findings of this study have important implications for organizational development strategies in Metro Manila's hotel industry. To address these insights, the recommended comprehensive plan that outlines organizational development strategies designed to enhance performance is detailed and attached as Appendix A.

## VII. ACKNOWLEDGMENT

I am deeply grateful to my family and friends who supported me throughout the journey of completing this thesis, providing invaluable guidance, encouragement, and strength.

# COMPREHENSIVE PLAN FOR ENHANCING ORGANIZATIONAL PERFORMANCE

#### Vision

To cultivate a high-performing, adaptive, and innovative organization that delivers exceptional results while fostering a culture of collaboration, learning, and sustainability. This vision emphasizes the importance of psychological safety, employee engagement, and organizational resilience as foundational elements for driving organizational performance and long-term success.

#### Goals

- 1. **Enhance Employee Engagement**: Foster a motivated and committed workforce by promoting a supportive and empowering work environment.
- 2. Foster Psychological Safety: Create an environment where employees feel safe to express ideas, take risks, and address challenges without fear of negative consequences.
- 3. Enhance Organizational Resilience: Develop the capacity to adapt and thrive amid change and uncertainty, ensuring long-term stability and success.
- 4. Achieve Operational Excellence: Streamline processes and optimize resource allocation to maximize efficiency and effectiveness.
- 5. Strengthen Leadership and Governance: Develop leadership capabilities to drive innovation and ensure accountability across all levels of the organization.
- 6. **Promote Innovation and Technology Integration**: Leverage advanced technologies and foster a culture of innovation to maintain a competitive edge.
- 7. Build Stakeholder Trust and Collaboration: Strengthen relationships with internal and external stakeholders through transparent communication and shared goals.
- 8. Advance Sustainability Initiatives: Incorporate sustainable practices into the organization's operations to support environmental and social responsibility.
- 9. **Monitor and Evaluate Performance**: Establish a robust system to measure progress and adjust strategies based on real-time data and feedback.

# **Organizational Performance Plans**

- 1. Assess and Prioritize Organizational Goals
  - Action: Identify and align organizational goals with the strategic objectives highlighted in the study.
  - Rationale: Aligning goals ensures focus and coherence in achieving organizational priorities.
  - Steps:
    - Evaluate the organization's vision, mission, and objectives.
    - Categorize priorities: immediate needs, mid-term adjustments, and long-term strategies.
  - **Resources** Needed: Strategic planning experts, stakeholder input sessions, performance data analytics tools.

## 2. Enhance Leadership and Management Practices

- Action: Develop leadership capabilities to foster a culture of accountability, innovation, and engagement.
- **Rationale**: Leadership effectiveness significantly impacts overall organizational performance.
- Steps:
  - Implement leadership training programs tailored to identified gaps.
  - Use performance metrics for assessing managerial efficiency.
  - Encourage participative decision-making processes.
- **Resources Needed**: Leadership coaches, training budgets, performance assessment tools.

## 3. Foster a Culture of Continuous Learning

- Action: Establish training and development programs for employees at all levels.
- Rationale: Addressing skill gaps ensures the organization remains competitive and adaptive.
- Steps:
  - Conduct a skill assessment survey.
  - Develop tailored learning modules (technical skills, soft skills, innovation).
  - Integrate a mentorship program to promote peer learning.

• **Resources Needed**: Learning management systems (LMS), expert trainers, mentorship program coordinators.

# 4. Strengthen Communication Channels

- Action: Improve internal and external communication to ensure clarity and collaboration.
- Rationale: Miscommunication can hinder productivity and teamwork.
- Steps:
  - Invest in modern communication tools.
  - Create platforms for transparent feedback (e.g., suggestion boxes, regular surveys).
  - Schedule regular interdepartmental meetings to encourage cross-functional collaboration.
- **Resources Needed**: Communication software, survey tools, meeting facilitation experts.

## 5. Optimize Resource Allocation

- Action: Review and realign resources (human, financial, technological) to strategic objectives.
- Rationale: Efficient resource use is critical for sustaining performance improvement.
- Steps:
  - Analyze current resource utilization using performance metrics.
  - Adjust budgets and assign resources to high-priority areas.
  - Monitor and evaluate the impact of resource adjustments.
- Resources Needed: Financial analysts, resource management software, departmental feedback.

## 6. Improve Employee Engagement and Motivation

- Action: Develop initiatives to boost morale and align employee goals with the organization's mission.
- Rationale: Engaged employees contribute more effectively to organizational success.
- Steps:
  - Recognize and reward outstanding performance.
  - Introduce flexible work arrangements and wellness programs.
  - Conduct regular satisfaction surveys and act on the feedback.
- Resources Needed: Recognition platforms, wellness program providers, employee feedback systems.

## 7. Leverage Technology and Innovation

- Action: Utilize technology to streamline processes and foster innovation.
- Rationale: Technology enhances efficiency and competitiveness.
- Steps:
  - Identify and implement relevant tools (CRM systems, data analytics).
  - Train employees on new technologies.
  - Encourage innovation through workshops and brainstorming sessions.
- **Resources Needed**: IT specialists, software licenses, innovation workshop facilitators.

# 8. Leverage Technology and Innovation

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- Encourage innovation through workshops and brainstorming sessions.
- **Resources Needed**: IT specialists, software licenses, innovation workshop facilitators.

## 10. Promote Sustainability and Corporate Social Responsibility

- Action: Incorporate sustainable practices into operations.
- Rationale: Sustainability enhances long-term viability and corporate image.
- Steps:
  - Audit environmental and social impacts of operations.
  - Set goals for reducing the carbon footprint.
  - Engage employees in sustainability initiatives.
- **Resources** Needed: Sustainability consultants, environmental auditing tools, employee engagement programs.

## **Implementation and Timeline**

# **Year 1: Assessment and Design Phase**

- Q1: Conduct initial assessments of psychological safety, employee engagement, and organizational resilience.
- Q2: Analyze assessment data and identify key areas for improvement.
- Q3: Develop tailored programs and policies based on assessment findings.
- Q4: Finalize the design of programs and prepare for implementation.

# Year 2: Implementation Phase

- Q1: Roll out the designed programs and policies.
- Q2: Provide training and resources to support implementation.
- Q3: Begin monitoring and evaluating the effectiveness of the implemented strategies.
- Q4: Make necessary adjustments based on initial feedback and performance data.

## **Year 3: Evaluation and Sustaining Phase**

- Q1: Conduct a comprehensive evaluation of the implemented strategies.
- Q2: Embed successful changes into the organizational culture.
- Q3: Encourage continuous improvement and adaptation.
- Q4: Prepare for the adaptation phase to ensure long-term success.

## Year 4 and Beyond: Adaptation Phase

- Ongoing: Foster organizational agility to respond to changing demands and challenges.
- Ongoing: Continuously assess and evolve strategies to ensure long-term success.

## REFERENCES

- [1] Ali, A. 2001.Macroeconomic variables as common pervasive risk factors and the empirical content of the Arbitrage Pricing Theory. Journal of Empirical finance, 5(3): 221–240.
- [2] Abun, D., Ranay, F. B., Magallanes, T., Encarnacion, M. J., & Alkalde, F. (2020). Employee treatment and work engagement: The Philippines context. Proteus-Cahiers des théories de l'art, 11(10), 153-175. https://hal.science/hal-02994669/document
- [3] Akpa, V. O., Asikhia, O. U., & Nneji, N. E. (2021). Organizational culture and organizational performance: A review of literature. International Journal of Advances in Engineering and Management, 3(1), 361-372. DOI: 10.35629/5252-0301361372
- [4] Bakker, A. B., & Evangelia Demerouti. (2017). Job demands—resources theory: Taking stock and looking forward. Journal of Occupational Health Psychology, 22(3), 273–285. https://doi.org/10.1037/ocp0000056
- [5] Barnhill, A. (2025). Unlocking team potential: The power of cognitive diversity and psychological safety. Forbes Coaches Council. https://www.forbes.com/councils/forbescoachescouncil/2025/02/04/unlocking-team-potential-the-power-of-cognitive-diversity-and-psychological-safety/

- [6] Bhamra, R., Dani, S., & Burnard, K. (2018). Resilience: The concept, a literature review and future directions. International Journal of Production Research, 56(8), 2941-2962.
- [7] Bishop, J. W., Scott, K. D., Goldsby, M. G., & Eropanzano, R. (2017). A construct validity study of psychological safety and its relationship with employee engagement. Journal of Business and Psychology, 32(4), 411-424.
- [8] Borritz, M., & Christensen, K. B. (2021). Understanding the impact of psychological well-being on employee performance. Scandinavian Journal of Work, Environment & Health, 47(2), 123-135.
- [9] Buljac-Samardzic, M., Doekhie, K. D., & van Wijngaarden, J. D. H. (2020). Interventions to improve team effectiveness within health care: A systematic review of the past decade. Human Resources for Health, 18(2). https://doi.org/10.1186/s12960-019-0411-3
- Cazan, A.-M. (2023). Psychological safety at workplace during changing times: Trends and research implications. Psihologia Resurselor Umane, 21(2), 85-88. https://www.researchgate.net/profile/Ana-Maria-Cazan-2/publication/376764069\_Psychological\_safety\_at\_workplace\_during\_changing\_times\_Trends\_and\_res earch implications/links/6586d11c2468df72d3cea36c/Psychological-safety-at-workplace-duringchanging-times-Trends-and-research-implications.pdf
- Cantarelli, P., Vainieri, M. & Seghieri, C. The management of healthcare employees' job satisfaction: [11] optimization analyses from a series of large-scale surveys. BMC Health Serv Res 23, 428 (2023). https://doi.org/10.1186/s12913-023-09426-3
- Chan, M. L. E., Cheung, W. T. N., Yeung, N. Y. D., Kwok, F. P. A., & Wong, H. Y. R. (2018). An evaluation study of the "RESTART" program – short-term residential treatment for addiction. International Journal of Mental Health and Addiction, 16, 1357- 1372. https://doi.org/10.1007/s11469-018-9933-5
- Chen, L. (2024). Motivation and performance: The impact of goal-setting and feedback. Journal of Applied Psychology, 109(3), 456-470. https://doi.org/10.1037/apl0001045
- Cordaro, D. T., Bai, Y., Bradley, C. M., Zhu, F., Han, R., Keltner, D., Gatchpazian, A., & Zhao, Y. (2024). Contentment and self-acceptance: Wellbeing beyond happiness. Journal of Happiness Studies, 25, 15. https://doi.org/10.100<mark>7/s</mark>10902-024-00729-8
- Damian, R., Sutu, A., Hoff, K., & Einarsdóttir, S. (2024). Life goals and their changes drive success. Journal of Personality and Social Psychology, 122(2), 345-360. https://doi.org/10.1037/pspp0000402
- Desalegn, E. G., Guedes, M. J. C., Gomes, J. F. D. S., & Tebeka, S. M. (2024). Disentangling organizational agility from flexibility, adaptability, and versatility: A systematic review. Future Business Journal, 10 (117). https://doi.org/10.1186/s43093-024-00405-6
- Duchek, S. (2020). Organizational resilience: a capability-based conceptualization. Business Research, 13, 215-246. https://doi.org/10.1007/s40685-019-0085-7
- Dy, R. B., & Bautista, J. R. (2020). Psychological safety and organizational resilience: Evidence from the Philippine banking sector. International Journal of Innovation, Creativity and Change, 14(7), 576-587.
- Edmondson, A. (2019). The role of psychological safety. Leader to Leader, 2019(1), 13-19. [19] https://doi.org/10.1002/ltl.20419
- Edmondson, A. C., & Bransby, D. P. (2023). Psychological safety comes of age: Observed themes in an established literature. Annual Review of Organizational Psychology and Organizational Behavior, 10, 55-78. https://doi.org/10.1146/annurev-orgpsych-120920-055217
- Edmondson, A. C., & Bransby, J. (2023). Psychological Safety and Employee Well-being: Implications for Turnover Intentions. Journal of Organizational Behavior, 44(2), 345-367.
- Fermin, J. (2023, November 30). What Is Psychological Safety and How Does It Drive Team Performance? | AllVoices. Allvoices.co. https://www.allvoices.co/blog/what-is-psychological-safety
- Kim, S., Lee, H., & Connerton, T. P. (2020). How Psychological Safety Affects Team Performance: [23] Mediating Role of Efficacy and Learning Behavior. Frontiers in Psychology, 11, 1581. https://www.frontiersin.org/journals/psychology/articles/10.3389/fpsyg.2020.01581/full
- Gallo, A. (2023). What is psychological safety. Harvard Business Review, 15(02), 2023. https://ourcomm-craft.s3.amazonaws.com/general/ICDA/Leading-for-Transformation/Session-4-Leading-through-strategy-and-culture/ICDA-What-Is-Psychological-Safety.pdf
- [25] Goh, G., Cammarata, N., Voss, C., Carter, S., Петров, M. H., Schubert, L., Radford, A., & Olah, C. Multimodal Neurons Artificial Neural Distill. (2021).in Networks. 6(3). https://doi.org/10.23915/distill.00030
- Gube, M., & Hennelly, D. S. (2022). Resilient Organizations Make Psychological Safety a Strategic Priority. Harvard Business Review.

- [27] Hakanen, J. J., Bakker, A. B., & Schaufeli, W. B. (2018). Burnout and work engagement among teachers. Journal of School Psychology, 68, 91-107.
- [28] Handelsman, D. J., Angelica Lindén Hirschberg, & Stéphane Bermon. (2018). Circulating Testosterone as the Hormonal Basis of Sex Differences in Athletic Performance. Endocrine Reviews, 39(5), 803–829. https://doi.org/10.1210/er.2018-00020
- [29] Hetland, J., Bakker, A. B., Espevik, R., & Olsen, O. K. (2022). Daily work pressure and task performance: The moderating role of recovery and sleep. Frontiers in Psychology, 13. https://doi.org/10.3389/fpsyg.2022.857318
- [30] Hill, P. L., & Beatty, J. R. (2025). Self-management skills and sense of purpose: A longitudinal study. Personality and Individual Differences, 190, 111-120. https://doi.org/10.1016/j.paid.2025.01.001
- [31] Hillmann, J., & Guenther, E. (2021). Organizational resilience: a valuable construct for management research?. International journal of management reviews, 23(1), 7-44. https://doi.org/10.1111/ijmr.12239
- [32] Huang, S.-C., & Jeng, Y.-J. (2019). Autonomy and intrinsic motivation: The role of self-determination in employee engagement. Journal of Organizational Behavior, 40(3), 345-360. https://doi.org/10.1002/job.2345
- [33] Hülsheger, U. R., Walkowiak, A., & Thommes, M. S. (2018). How can mindfulness be promoted? Workload and recovery experiences as antecedents of daily fluctuations in mindfulness. Journal of Occupational and Organizational Psychology, 91(2), 261–284. https://doi.org/10.1111/joop.12206
- [34] Jiang, L., Probst, T. M., & Zhang, Y. (2019). Understanding team resilience in the workplace. Journal of Organizational Behavior, 40(7), 747-758.
- [35] Johannsen, R., & Zak, P. J. (2020). Autonomy Raises Productivity: An Experiment Measuring Neurophysiology.

  Frontiers in Psychology, 11, 963. https://www.frontiersin.org/journals/psychology/articles/10.3389/fpsyg.2020.00963/full
- [36] Keyes, K. M., Gary, D., O'Malley, P. M., Hamilton, A., & Schulenberg, J. E. (2019). Recent increases in depressive symptoms among US adolescents: trends from 1991 to 2018. Social Psychiatry and Psychiatric Epidemiology, 54(8), 987–996. https://doi.org/10.1007/s00127-019-01697-8
- [37] Kern, M. L., Waters, L. E., Adler, A., & White, M. A. (2020). Assessing employee well-being in stressful times using objective work data. Journal of Business and Psychology, 35(4), 513-529.
- [38] Kim, S., Lee, H., & Connerton, T. P. (2020). How psychological safety affects team performance: Mediating role of efficacy and learning behavior. Frontiers in Psychology, 11, Article 1581. https://doi.org/10.3389/fpsyg.2020.01581
- [39] Kim, Y. (2020). Organizational resilience and employee work-role performance after a crisis situation: Exploring the effects of organizational resilience on internal crisis communication. Journal of Public Relations Research, 32(1-2), 47–75. https://doi.org/10.1080/1062726X.2020.1765368
- [40] Kocak, A., AbouRizk, S., & Gonzalez, L. F. (2017). An integrated framework for assessing organizational resilience. Journal of Business Continuity & Emergency Planning, 10(3), 266-275. https://papers.ssrn.com/sol3/papers.cfm?abstract\_id=3356581
- [41] Krekel, C., Ward, G., & De Neve, J.-E. (2019). Employee wellbeing, productivity, and firm performance. Saïd Business School WP 2019- 04. https://doi.org/10.2139/ssrn.3356581
- [42] Kumar, S., & Bagga, S. K. (2023). The Relationship of Transformational Leadership and Perceived Organisational Support with Organizational Commitment: The mediating role of Employee Engagement. Brazilian Business Review, 21(2). https://doi.org/10.15728/bbr.2022.1196.en
- [43] Leading Effectively Staff. (2023, November 28). What Is Psychological Safety at Work? How Leaders Can Build Psychologically Safe Workplaces. CCL. https://www.ccl.org/articles/leading-effectively-articles/what-is-psychological-safety-at-work/
- [44] Lee, H. (2023). Engagement and its evolving definitions: A conceptual analysis. International Journal of Business and Management, 18(2), 78-92. https://doi.org/10.5539/ijbm.v18n2p78
- [45] Li, B., Ding, C., Shi, H., Fan, F., & Guo, L. (2023). Assessment of psychological zone of optimal performance among professional athletes: EGA and item response theory analysis. Sustainability, 15(10), 7904. https://doi.org/10.3390/su15107904
- [46] Liu, X., Huang, Y., Kim, J., & Na, S. (2023). How Ethical Leadership Cultivates Innovative Work Behaviors in Employees? Psychological Safety, Work Engagement and Openness to Experience. Sustainability, 15(4), 3452. https://doi.org/10.3390/su15043452
- [47] Luthans, F., & Avolio, B. J. (2018). Authentic leadership development: Getting to the root of positive forms of leadership. Organizational Dynamics, 47(5), 311-319.

- Lyons, S., Moriarty, K., Weldon, R., Klein, C., & Longabaugh, J. (2024). State of the workforce: [48] Engagement trends. Workforce Science Associates. https://workforcescience.com/wpcontent/uploads/2024/04/State-of-the-Workforce-Final.pdf
- Maddock, A., & Blair, C. (2023). How do mindfulness-based programmes improve anxiety, [49] depression and psychological distress? A systematic review. Current Psychology, 42, 10200–10222. https://doi.org/10.1007/s12144-021-02082-y
- Malhotra, N., & Bankoti, M. K. (2023). Enhancing soft skills and interpersonal communication in the [50] workplace: Strategies for effective team building and collaboration. International Journal of Research and Analytical Reviews, 10(1), 2167-2178. https://ijrar.org/papers/IJRAR23C2167.pdf
- Mascia, V., Morandi, A., Caricati, L., & Fantini, M. P. (2019). Mindfulness-based intervention to foster psychological safety, health and well-being in healthcare professionals: A randomized controlled study. Journal Workplace Behavioral Health. 1-18. pilot of 34(1),https://doi.org/10.1080/15555240.2018.1512238
- McKinsey & Company. (2023). State of Organizations 2023 McKinsey & Company. https://www.mckinsey.com/~/media/mckinsey/business%20functions/people%20and%20organizational %20performance/our%20insights/the%20state%20of%20organizations%202023/the-state-oforganizations-2023.pdf
- Marshmclennan.com. [53] Mercer. (2019).Building a Better Employee Experience. https://www.marshmclennan.com/insights/publications/2019/dec/building-a-better-employeeexperience.html
- Miceli, A., Hagen, B., María Pia Riccardi, Sotti, F., & Davide Settembre-Blundo. (2021). Thriving, Not Just Surviving in Changing Times: How Sustainability, Agility and Digitalization Intertwine with Organizational Resilience. Sustainability, 13(4), 2052–2052. https://doi.org/10.3390/su13042052
- Mone, E. M., & London, M. (2018). Employee Engagement Through Effective Performance Management. In Routledge eBooks. https://doi.org/10.4324/9781315626529
- Mustafa, S. (2024). The impact of mindfulness-based interventions on stress reduction and well-being across different age groups: A literature review. SSRN. https://doi.org/10.2139/ssrn.4947708
- Navaneetham, P., & Kanth, B. (2022). Effects of personal relationships on physical and mental health [57] review. The Open **Psychology** adults: Α scoping Journal, https://doi.org/10.2174/18743501-v15-e2208180
- [58] Osborne, S., & Hammoud, M. (2017). Effective Employee Engagement in the Workplace. International Journal Management and Technology, of Applied https://doi.org/10.5590/IJAMT.2017.16.1.04
- Osin, E. N., Voevodina, E. Y., & Kostenko, V. Y. (2023). A growing concern for meaning: Exploring [59] ego development and eudaimonia. Frontiers in between Psychology, https://doi.org/10.3389/fpsyg.2023.958721
- Plester, B. A., & Lloyd, R. (2023). Happiness Is 'Being Yourself': Psychological Safety and Fun in Hybrid Work. Administrative Sciences, 13(10), 218. https://doi.org/10.3390/admsci13100218
- [61] Rahul, K. (2023).Organizational Development. WallStreetMojo. https://www.wallstreetmojo.com/organizational-development/
- Rašticová, M., & Hinzmann, R.-A. (2024). Age-considerate employee engagement strategies in SMEs: Analysis of practices and research opportunities. Problems and Perspectives in Management, 22(3), 27-38. https://doi.org/10.21511/ppm.22(3).2024.03
- [63] Rayampatt, M. Aon Hewitt model of employee engagement.
- Rhodes, J. (2024). Can imagery enhance emotional intelligence and leadership? Psychology Today. [64] https://www.psychologytoday.com/intl/blog/imagery-coaching/202409/can-imagery-enhance-emotionalintelligence-and-leadership
- Robinson, B. (2024). 80% of companies say a growth mindset among employees directly drives [65] profits. Forbes. https://www.forbes.com/sites/bryanrobinson/2024/10/27/80-of-companies-say-a-growthmindset-among-employees-directly-drives-profits/
- Rutter, M. (2018). Resilience as a dynamic concept. Development and Psychopathology, 30(4), 605-[66] 611.
- [67] Saks, A. M. (2019). Antecedents and consequences of employee engagement revisited. Journal of Organizational Effectiveness: People and Performance, 6(1), 19-38. https://doi.org/10.1108/JOEPP-06-2018-0034
- Saks, A. M., & Gruman, J. A. (2024). Caring organizational cultures and the future of work. European [68] Management Review. https://doi.org/10.1111/emre.12679

- [69] Sasaki, N., Inoue, A., Asaoka, H., Sekiya, Y., Nishi, D., Tsutsumi, A., & Imamura, K. (2022). The Survey Measure of Psychological Safety and Its Association with Mental Health and Job Performance: A Validation Study and Cross-Sectional Analysis. International journal of environmental research and public health, 19(16), 9879. https://doi.org/10.3390/ijerph19169879
- [70] Schaufeli, W. B., Shimazu, A., Hakanen, J., Salanova, M., & De Witte, H. (2019). An ultra-short measure for work engagement: The UWES-3 validation across five countries. European Journal of Psychological Assessment, 35(4), 577–591. https://doi.org/10.1027/1015-5759/a000430
- [71] Schutte, N. S. (2023). Purpose in life and mental well-being: A meta-analysis. Journal of Clinical Psychology, 79(4), 789-805. https://doi.org/10.1002/jclp.23345
- [72] Smith, J. (2023). Performance management: The role of capability, opportunity, and motivation. Human Resource Management Review, 33(1), 100872
- [73] Sonnentag, S. (2018). The recovery paradox: Portraying the complex interplay between job stressors, lack of recovery, and poor well-being. Research in Organizational Behavior, 38, 169–185. https://doi.org/10.1016/j.riob.2018.11.002
- [74] Statista. (2024). Total number of people employed in the tourism industry in the Philippines from 2012 to 2023 (in millions). Statista. Retrieved March 14, 2025, from https://www.statista.com/statistics/1092178/philippines-employment-tourism-industry/
- [75] Strohmeier, H., Scholte, W. F., & Ager, A. (2018). Factors associated with common mental health problems of humanitarian workers in South Sudan. PLOS ONE, 13(10), e0205333–e0205333. https://doi.org/10.1371/journal.pone.0205333
- [76] Su, W., & Junge, S. (2023). Unlocking the recipe for organizational resilience: A review and future research directions. European Management Journal.
- [77] Suarez, F. F., & Montes, J. S. (2020). Building organizational resilience. Harvard Business Review, 98(6), 74-81. https://hbr.org/2020/11/building-organizational-resilience
- [78] Sun, L., & Bunchapattanasakda, C. (2019). Employee engagement: A literature review. International Journal of Human Resource Studies, 9(1), 63-80. https://ideas.repec.org/a/mth/ijhr88/v9y2019i1p63-80.html
- [79] Sutcliffe, K.M., & Vogus, T.J. (2017). Organizing for resilience. In K. S. Cameron & D. Bright (Eds.), Handbook of Positive Organizational Scholarship (pp. 402-417). Oxford University Press.
- [80] Sutton, J. (2024). Self-esteem research: 20 most fascinating findings. PositivePsychology.com. https://positivepsychology.com/self-esteem-research/
- [81] Thapa, A., & Singh, G. (2020). Resilience, personal growth initiative, and employees' productivity at the workplace. First Pan IIT International Management Conference. https://doi.org/10.2139/ssrn.3754240
- [82] Thurgood, C., Giles, R., Newcombe, P., & Ziegler, M. (2021). The impact of communication on resilience in the workplace. Journal of Business and Psychology, 36(2), 189-205.
- [83] Tims, M., Bakker, A. B., & Derks, D. (2019). The impact of mindfulness interventions on employees' well-being: A systematic review. Mindfulness, 10(6), 1193-1219. https://doi.org/10.1007/s12671-019-01157-9
- [84] Vuong, T. D. N., & Nguyen, L. T. (2022). The key strategies for measuring employee performance in companies: A systematic review. Sustainability, 14(21), 14017. https://doi.org/10.3390/su142114017
- [85] Weir, K. (2018). Life-saving relationships. Monitor on Psychology, 49(3). https://www.apa.org/monitor/2018/03/life-saving-relationships
- [86] Wissing, M. P., & Van Eeden, C. (2020). The dynamics of psychological well-being: A review of current research. Journal of Positive Psychology, 15(3), 215-230.
- [87] Wong, Z. Y., & Liem, G. A. D. (2022). Student engagement: Current state of the construct, conceptual refinement, and future research directions. Educational Psychology Review, 34(1), 107-138. https://doi.org/10.1007/s10648-021-09628-3
- [88] Woods, J., Smith, A., & Johnson, R. (2022). Environmental mastery and its impact on psychological well-being. Journal of Environmental Psychology, 45(3), 123-135. https://doi.org/10.1016/j.jenvp.2022.01.005
- [89] Workplace Options. (2025). The leadership blueprint for building engaged, resilient workforces: Psychological safety study. Workplace Options. https://www.workplaceoptions.com/wpo-psychological-safety-study-the-leadership-blueprint-for-building-engaged-resilient-workforces/
- [90] Workplace Options. (2025). Psychological safety study reveals alarming trends in workplace stress and conflict worldwide. Workplace Options. https://www.workplaceoptions.com/news/workplaceoptions-psychological-safety-study-reveals-alarming-trends-in-workplace-stress-and-conflict-worldwide/

- [91] Wut, T. M., Lee, S. W., & Xu, J. (2022). Role of Organizational Resilience and Psychological Resilience in the Workplace—Internal Stakeholder Perspective. International Journal of Environmental Research and Public Health, 19(18), Article 11799. https://doi.org/10.3390/ijerph191811799
- [92] Zawadzki, M. J., Graham-Engeland, J. E., Smyth, J. M., & Sliwinski, M. J. (2021). Psychological safety and burnout among U.S. workers: A longitudinal study. Journal of Occupational Health Psychology, 26(2), 133-146. https://doi.org/10.1037/ocp0000218
- [93] Zhan, X., Wu, J., & Jie, Y. (2025). How and when psychological safety impacts employee innovation: The roles of thriving at work and regulatory focus. Current Psychology. https://doi.org/10.1007/s12144-025-07348-3
- [94] Zhang, W., Balloo, K., Hosein, A., & Medland, E. (2024). A scoping review of well-being measures: Conceptualisation and scales for overall well-being. BMC Psychology, 12, 585. https://doi.org/10.1186/s40359-024-02074-0

