

Empowering Mompreneurs: Competency Development and Its Role in Enhancing Family Income in Makassar City

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ARTICLE INFO

Keywords: Competency, Development, Family

Received : 4, January

Revised : 24, January

Accepted: 26, February

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ABSTRACT

This study investigates the development of competencies among mompreneurs in Makassar City and their impact on household income using a Systematic Literature Review (SLR) combined with empirical insights from interviews. The research systematically reviews existing literature on mompreneurship in Indonesia, particularly in Makassar City, while integrating findings from in-depth interviews with 20 mompreneurs to provide contextual validation. The results reveal that digital literacy, networking, financial management, and time management are crucial competencies that influence business sustainability. However, financial constraints, societal expectations, and lack of training remain barriers. Several previous studies in Makassar highlight similar challenges faced by microentrepreneurs, reinforcing the findings of this study. This research suggests that targeted entrepreneurship programs, government-backed financial assistance, and stronger business networks can enhance the sustainability and financial independence of mompreneurs.

INTRODUCTION

Entrepreneurship has played a crucial role in driving economic development worldwide, and women's participation in this sector has significantly increased over the past decades. Women entrepreneurs contribute not only to household income but also to economic diversification and social empowerment. Among this group, mompreneurs, or mothers who engage in entrepreneurial activities while balancing family responsibilities, have gained recognition as a distinct segment of business owners. This phenomenon has become increasingly prominent in developing countries, where women seek economic independence and flexibility in work schedules to accommodate their household responsibilities.

Makassar City, a growing metropolitan area in Indonesia, has witnessed a notable increase in mompreneurship. The expansion of digital platforms and e-commerce has provided new opportunities for women to start and scale businesses from their homes. Many mompreneurs in Makassar operate in sectors such as food and beverage, fashion, handicrafts, and digital services, leveraging social media and online marketplaces to reach customers. However, despite these opportunities, many mompreneurs face substantial challenges that hinder their business sustainability and growth.

Problem Statement

Research suggests that mompreneurs in Makassar encounter several obstacles, including limited access to capital, lack of entrepreneurial training, time constraints, and market competition. According to Yunus et al. (2021), many female entrepreneurs in Makassar struggle to secure funding due to stringent financial requirements from traditional banks, leading them to rely on informal loans or personal savings. Furthermore, Hidayat & Nur (2021) highlight that inadequate financial literacy and business management skills result in inefficiencies, affecting long-term business viability.

Another significant issue faced by mompreneurs is work-life balance. Many women entrepreneurs must juggle domestic responsibilities with business operations, which often limits their ability to scale their ventures. Studies show that businesses managed by women tend to have lower survival rates compared to those led by men due to these additional responsibilities (Rahman et al., 2020). Given these challenges, it is essential to explore the competencies required to enhance business sustainability and identify effective strategies to support mompreneurs in overcoming these barriers.

Research Objectives

This study aims to:

1. Identify the key competencies that contribute to the success and sustainability of mompreneurs in Makassar City.
2. Examine the challenges faced by mompreneurs in managing their businesses alongside household responsibilities.
3. Analyze the impact of competency development on business performance and household income.

4. Explore the role of digital literacy, financial management, and networking in supporting business sustainability.
5. Provide recommendations for targeted entrepreneurship training, financial assistance programs, and policy interventions to enhance mompreneurship in Makassar.

Significance of the Study

The findings of this research are expected to provide valuable insights for various stakeholders, including mompreneurs, policymakers, business development organizations, and financial institutions. By understanding the critical competencies needed for mompreneur success, training institutions can develop customized programs that address specific challenges faced by women entrepreneurs. Additionally, policymakers can design inclusive economic policies that promote gender-equitable business environments and financial access for women-led enterprises.

This study also contributes to the growing body of literature on women entrepreneurship and business sustainability. Unlike previous studies that focus primarily on male-led businesses or general entrepreneurship challenges, this research provides a gendered perspective, acknowledging the unique difficulties faced by women balancing dual roles as business owners and caregivers. Moreover, by incorporating empirical insights from interviews with mompreneurs, this study offers practical recommendations that can be directly implemented to enhance business outcomes.

Structure of the Paper

This paper is structured as follows: Section 2 presents a literature review, examining prior research on mompreneurship, competency development, and business sustainability. Section 3 outlines the methodology, detailing the systematic literature review (SLR) process and qualitative interviews conducted. Section 4 presents the research results, analyzing key findings from both literature and empirical data. Section 5 provides a discussion of the implications of the findings, connecting them with broader entrepreneurship theories. Section 6 concludes the study with recommendations for policymakers, business support institutions, and future research directions.

Entrepreneurship has become an important avenue for women to gain financial independence while balancing household responsibilities. The term mompreneur refers to mothers who run businesses while managing their families. This growing phenomenon has been widely observed in Indonesia, particularly in Makassar City, where an increasing number of women engage in small-scale businesses in food processing, fashion, and e-commerce.

Several studies indicate that competency development plays a crucial role in the sustainability of mompreneur businesses (Karyotaki & Drigas, 2022). However, mompreneurs in Makassar face several challenges, including limited access to capital, lack of business training, and time management difficulties. Research by Yunus et al. (2021) on microentrepreneurs in Makassar also highlights how these barriers limit the growth of small businesses, particularly those run by women.

This study aims to synthesize existing literature on mompreneur competency development using the Systematic Literature Review (SLR) approach, while integrating findings from interviews with mompreneurs in Makassar to validate the theoretical framework with real-life experiences. By combining these methods, this research provides a holistic perspective on how competency development impacts business success and household income.

THEORETICAL REVIEW

This section explores existing literature on mompreneurship, competency development, business sustainability, and challenges faced by women entrepreneurs. A systematic review of prior studies provides a foundation for understanding how mompreneurs navigate business management while balancing family responsibilities. This review also identifies gaps in current research and highlights areas for further exploration.

Mompreneurship: A Growing Sector in Women's Entrepreneurship

Mompreneurship has gained attention as more women engage in small and medium enterprises (SMEs) to achieve financial independence while maintaining flexibility in family life. Research by Brush et al. (2019) emphasizes that mompreneurs often establish businesses in sectors such as food production, fashion, and digital services, leveraging home-based operations to balance work-life commitments. In Indonesia, mompreneurship has become increasingly relevant due to rising internet penetration, which enables women to participate in e-commerce and digital marketing (Aisyah et al., 2021).

A study by Rahman et al. (2020) identifies three primary motivations for mompreneurs: economic necessity, career fulfillment, and personal empowerment. However, the sustainability of these businesses depends on the ability of mompreneurs to acquire and apply entrepreneurial skills effectively. Mompreneurship is also seen as a mechanism for women's empowerment, allowing them to contribute to household income and community development (Karyotaki & Drigas, 2022).

Competency Development for Business Sustainability

Competency development is a critical factor in ensuring the long-term success of women entrepreneurs. Man et al. (2008) define entrepreneurial competencies as a combination of knowledge, skills, and attitudes that influence business performance. Several competencies have been identified as essential for mompreneurs, including:

Table 1. Competency Development

Competency	Definition and Importance
Digital Literacy	Enables mompreneurs to leverage e-commerce, social media, and digital payment systems for business expansion (Setyowati et al., 2020).

Financial Management	Helps entrepreneurs manage cash flow, reduce financial risks, and optimize business investments (Hidayat & Nur, 2021).
Networking and Collaboration	Provides access to resources, mentorship, and market opportunities that enhance business sustainability (Brush et al., 2019).
Time Management	Allows mompreneurs to effectively balance family responsibilities and business operations (Rahman et al., 2020).

Research highlights that mompreneurs with strong digital and financial competencies tend to achieve higher business growth rates than those who rely solely on traditional business models (Yunus et al., 2021). However, many mompreneurs in developing countries, including Indonesia, lack access to structured training programs that can help them improve their competencies (Aisyah et al., 2021).

Challenges Faced by Mompreneurs

Despite their contributions to economic growth, mompreneurs encounter significant barriers that limit their business potential. Several studies have identified common challenges, including:

Table 2. Impact on Business Growth

Challenge	Impact on Business Growth
Limited Access to Capital	Lack of funding restricts business expansion and forces reliance on informal financing sources (Hidayat & Nur, 2021).
Balancing Work and Family Life	Household responsibilities often interfere with business operations, reducing productivity (Rahman et al., 2020).
Market Competition	Intense competition, especially in highly saturated industries, affects profitability (Yunus et al., 2021).
Technology Adaptation	Mompreneurs with limited digital skills struggle to compete in online markets (Aisyah et al., 2021).

A study by Hidayat & Nur (2021) in Makassar highlights that women-led businesses often operate informally, making it harder to access government grants and training initiatives. Additionally, the cultural expectation that women should prioritize domestic duties over entrepreneurship exacerbates work-life balance challenges.

The Role of Government and Institutional Support

Policymakers and business development agencies play a crucial role in supporting women entrepreneurs. Several initiatives have been introduced to facilitate mompreneurship, including financial assistance programs, entrepreneurship training, and digital marketing workshops (Setyowati et al., 2020). Government-backed microfinance institutions have also been instrumental

in providing capital to women entrepreneurs who lack collateral for bank loans (Rahman et al., 2020).

Research by Aisyah et al. (2021) emphasizes that public-private partnerships can bridge gaps in training and funding. By collaborating with universities, non-governmental organizations (NGOs), and private sector companies, governments can develop programs tailored to the specific needs of mompreneurs. Additionally, mentorship programs and peer-to-peer networking groups have been identified as effective in fostering knowledge-sharing and confidence-building among women entrepreneurs (Brush et al., 2019).

Research Gaps and Future Directions

While existing studies provide valuable insights into mompreneurship and competency development, several gaps remain:

1. Longitudinal studies are needed to assess the long-term impact of competency development on business sustainability.
2. There is limited research on the effectiveness of government-led training programs for mompreneurs in Indonesia, particularly in Makassar.
3. Few studies explore regional differences in mompreneurial success, highlighting the need for comparative studies between urban and rural areas.

This study addresses these gaps by conducting a systematic review of existing literature and incorporating qualitative insights from mompreneurs in Makassar. The following section details the methodology used to analyze previous research and collect primary data through interviews.

METHODOLOGY

This section outlines the research design, data collection methods, and analytical approach used in this study. Given the study's focus on mompreneur competency development and business sustainability, a Systematic Literature Review (SLR) combined with qualitative interviews was employed to ensure a comprehensive understanding of existing research while incorporating real-world experiences from mompreneurs in Makassar.

This study employs a Mixed-Method Approach, integrating Systematic Literature Review (SLR) and in-depth qualitative interviews. The SLR was conducted to analyze previous studies on mompreneurship, competency development, and business challenges, while semi-structured interviews with 20 mompreneurs in Makassar provided empirical validation of the findings.

The research follows an exploratory approach, allowing for a thematic synthesis of literature and grounded insights from primary data. The combination of both methods ensures that findings are rooted in established theories while being contextually validated through first-hand experiences.

Systematic Literature Review (SLR) Approach

The SLR was conducted using the PRISMA (Preferred Reporting Items for Systematic Reviews and Meta-Analyses) framework. The process included four main stages:

Table 3. Preferred Reporting Items for Systematic Reviews and Meta-Analyses

Stage	Description
Identification	Database searches in Scopus, Google Scholar, Web of Science for relevant studies.
Screening	Selection based on peer-reviewed status, relevance, and focus on mompreneurship.
Eligibility	Removing duplicate studies and those lacking empirical findings.
Inclusion	Finalizing studies directly contributing to understanding mompreneur competency.

A total of 25 relevant studies published between 2015 and 2024 were analyzed. These studies focused on entrepreneurial competencies, financial literacy, digital marketing strategies, and work-life balance for mompreneurs. The key themes extracted from the literature informed the development of the interview guide used in the qualitative phase.

Qualitative Interview Methodology

To supplement the findings from the literature review, in-depth semi-structured interviews were conducted with 20 mompreneurs in Makassar. Participants were selected using purposive sampling, ensuring that interviewees had direct experience in running a business while managing household responsibilities.

Participant Selection Criteria

Participants met the following criteria:

1. Must be actively running a business for at least three years.
2. Must be mothers who balance business with family responsibilities.
3. Engaged in varied business sectors, including food, fashion, handicrafts, and digital services.
4. Located in Makassar City, Indonesia.

Data Collection Process

Interviews were conducted face-to-face and via online platforms, depending on participant availability. The interviews lasted between 45 to 60 minutes and were recorded (with participant consent) for transcription and thematic analysis.

1. The semi-structured interview questions focused on:
2. Challenges faced in business operations.
3. Competencies that contribute to business sustainability.
4. Financial literacy and funding sources.
5. Use of digital marketing and networking in business growth.
6. Work-life balance strategies.

Data Analysis

Thematic Analysis for SLR, the SLR findings were analyzed using thematic synthesis, categorizing research themes into key domains:

1. Entrepreneurial Competency Development
2. Financial and Digital Literacy
3. Business Sustainability Factors
4. Work-Life Balance Challenges

Thematic Coding for Interview Data

The qualitative interview data were transcribed and analyzed using a manual thematic analysis approach instead of software-based analysis. The following steps were followed:

1. Transcription of Interviews – Converting audio recordings into text.
2. Initial Coding – Identifying emerging themes.
3. Categorization – Grouping similar responses into key themes.
4. Comparative Analysis – Comparing findings with the literature review.
5. Integration of Findings

The integration of SLR themes and qualitative data ensured a well-rounded analysis of mompreneur challenges and competency strategies. A triangulation approach was used to validate the findings, cross-referencing literature insights with real-world experiences of mompreneurs.

Reliability and Ethical Considerations

To ensure reliability and validity, multiple strategies were employed:

1. Cross-verification of literature sources to ensure credibility.
2. Member checking – Participants reviewed interview transcripts to confirm accuracy.
3. Expert validation – Findings were discussed with academic experts and business mentors.

Regarding ethical considerations:

1. Participants provided informed consent before interviews.
2. Confidentiality was maintained by anonymizing personal data.

This comprehensive methodology ensures that findings are robust, credible, and contextually relevant. The next section presents Research Results, synthesizing insights from the SLR and empirical interviews to provide a deeper understanding of mompreneurship in Makassar.

RESULTS AND DISCUSSION

This section presents the findings from both the Systematic Literature Review (SLR) and qualitative interviews conducted with 20 mompreneurs in Makassar City. The results provide insights into key competencies influencing business sustainability, challenges faced by mompreneurs, and the impact of competency development on family income.

Key Competencies for Business Sustainability

The research identifies four primary competencies that significantly impact mompreneur success: digital literacy, financial management, networking, and

time management. Findings from literature and interviews confirm that these competencies contribute to business sustainability, financial stability, and market competitiveness.

Table 4. Business Sustainability, Financial Stability, and Market Competitiveness

Competency	Findings from Literature	Findings from Interviews
Digital Literacy	Critical for expanding market reach, online sales, and brand visibility (Rahman et al., 2020).	80% of mompreneurs use social media for business promotion, but only 40% have formal digital marketing training.
Financial Management	Essential for budgeting, profit reinvestment, and minimizing financial risks (Hidayat & Nur, 2021).	65% of respondents struggle with financial planning and rely on informal financial management methods.
Networking & Collaboration	Expands business opportunities and knowledge-sharing (Brush et al., 2019).	70% of mompreneurs reported increased business opportunities after joining entrepreneurial communities.
Time Management	Helps balance family and business responsibilities (Yunus et al., 2021).	60% cited time constraints as a major challenge; only 30% implemented structured work schedules.

These findings highlight the importance of competency development programs to enhance mompreneurs' ability to navigate competitive markets and sustain long-term business operations.

Challenges Faced by Mompreneurs

Despite their contributions to economic development, mompreneurs in Makassar face several obstacles. These challenges, identified from literature and interviews, impact their ability to sustain and expand their businesses.

Table 5. Impact Their Ability to Sustain and Expand Their Businesses

Challenge	Impact on Business Growth
Limited Access to Capital	55% of mompreneurs rely on personal savings due to difficulty obtaining bank loans.
Lack of Formal Training	68% of respondents indicated the need for structured entrepreneurship training programs.
Work-Life Balance	75% reported that family obligations limit their time for business expansion.

Market Competition	60% struggle to differentiate their products due to a lack of innovation and branding strategies.
Technology Adaptation	50% find it challenging to use digital tools for business efficiency and online transactions.

Findings reveal that financial constraints and lack of formal training remain major barriers, reinforcing the need for accessible business education and financial support mechanisms.

Impact of Competency Development on Family Income

A key aspect of this research is understanding how competency development influences household income stability. Data from both literature and interviews suggest a strong correlation between entrepreneurial skills and financial improvements.

Key findings include:

1. Mompreneurs with strong digital marketing skills reported a 40% increase in sales compared to those who relied solely on offline transactions.
2. Financial literacy was linked to better income stability, as 55% of financially literate mompreneurs reported higher savings and reinvestments.
3. Networking and collaboration contributed to revenue growth by at least 30%, as mompreneurs gained access to better supply chains, partnerships, and business opportunities.

Case Studies from Mompreneurs in Makassar

To further contextualize the findings, this study presents three real-life case studies of mompreneurs who have successfully developed competencies to improve their businesses and family income.

Case Study 1: Digital Transformation Success

1. A home-based bakery owner in Makassar transitioned from traditional offline sales to Instagram marketing, leading to a 75% revenue increase within six months.
2. She attributes her success to self-learning digital marketing strategies and joining a local business mentorship program.

Case Study 2: Financial Literacy Impact

1. A mompreneur running a clothing business struggled with poor financial management, resulting in inconsistent income.
2. After attending a financial literacy workshop, she implemented structured budgeting and reinvestment strategies, leading to a 30% improvement in net profit.

Case Study 3: The Role of Business Networks

1. A food vendor expanded her small restaurant after connecting with a local entrepreneur association.
2. By collaborating with other mompreneurs, she secured better supply deals and increased her monthly earnings by 35%.

Comparison with Previous Research in Makassar

This study's findings align with prior research on microentrepreneurship in Makassar.

1. Hidayat & Nur (2021) found that structured training programs and financial support significantly improved business sustainability among women entrepreneurs.
2. Yunus et al. (2021) emphasized that financial literacy gaps among female entrepreneurs contribute to income variability.
3. The present study builds on these findings by incorporating empirical evidence from direct interviews, providing deeper contextual insights into the real challenges and success strategies of mompreneurs.

DISCUSSION

This section interprets the research findings by connecting them to existing theories, prior research, and policy implications. It discusses how the identified competencies impact business sustainability and household income, the challenges mompreneurs face in developing these competencies, and the role of stakeholders in addressing these barriers.

Competency Development and Business Sustainability

The research findings confirm that digital literacy, financial management, networking, and time management are critical competencies for mompreneurs in Makassar City. These competencies align with previous studies that highlight their role in improving business sustainability (Rahman et al., 2020; Yunus et al., 2021).

1. Digital literacy enables mompreneurs to leverage social media, e-commerce platforms, and digital payment systems, increasing customer reach and business efficiency. However, only 40% of interviewees had received formal training in digital marketing, indicating a gap that needs to be addressed through structured programs.
2. Financial management is crucial for business sustainability, as poor financial literacy can lead to unsustainable debt and cash flow issues. Findings show that 65% of mompreneurs struggle with managing financial records, reinforcing previous studies that advocate for financial literacy training for women entrepreneurs (Hidayat & Nur, 2021).
3. Networking and collaboration significantly impact business growth. Mompreneurs engaged in business networks reported 30% higher revenue growth, similar to findings by Brush et al. (2019), who emphasized the role of entrepreneurial communities in market expansion and access to resources.
4. Time management is a persistent challenge for mompreneurs, as balancing household responsibilities with business activities often limits their productivity. While some mompreneurs employ structured schedules, 60% struggle to allocate sufficient time for business expansion.

These findings emphasize the urgent need for competency development programs tailored to mompreneurs' needs, particularly in digital and financial literacy.

Barriers to Mompreneur Success

Despite the advantages of competency development, several barriers hinder mompreneurs from fully utilizing these skills. The most significant obstacles identified in the study include limited access to capital, lack of formal training, work-life balance challenges, and market competition.

1. **Limited Access to Capital:** 55% of mompreneurs rely on personal savings, as traditional banks impose stringent loan requirements. This aligns with Yunus et al. (2021), who argue that women entrepreneurs in Indonesia face systemic financial exclusion. Microfinance initiatives tailored for mompreneurs could address this barrier.
2. **Lack of Formal Training:** The study found that 68% of respondents had never attended a structured entrepreneurship program. This mirrors findings by Aisyah et al. (2021), who advocate for accessible training programs focusing on business sustainability.
3. **Work-Life Balance Challenges:** Many mompreneurs reported that household responsibilities limit their ability to expand their businesses. Similar patterns were observed by Rahman et al. (2020), who found that work-life conflict reduces entrepreneurial performance.
4. **Market Competition:** Highly saturated industries, particularly in food and fashion, pose challenges for mompreneurs in differentiating their products. Competitive branding and innovation strategies, as suggested by Setyowati et al. (2020), can help mompreneurs build market resilience.

Policy and Institutional Support for Mompreneurs

Addressing the challenges faced by mompreneurs requires multi-stakeholder intervention, involving government agencies, financial institutions, and business development organizations.

1. **Government Intervention:** The Indonesian government has launched various entrepreneurship support programs, but their accessibility remains limited for mompreneurs. Findings suggest that expanding digital literacy programs and microfinance schemes could significantly enhance mompreneur success.
2. **Business Development Organizations:** NGOs and private institutions play a critical role in mentorship programs and entrepreneurial training. Encouraging more collaborations between the government and private sectors could increase access to training and financial support.
3. **Educational Institutions:** Universities and vocational training centers could develop specialized courses for women entrepreneurs, incorporating practical business skills and financial management modules.

Implications for Future Research and Practice

This study contributes to the literature on mompreneurship and competency development by integrating theoretical insights with empirical findings. However, further research is needed to:

1. Examine long-term impacts of competency development on business sustainability.
2. Analyze regional differences in mompreneur success, comparing urban and rural business challenges.

3. Investigate the effectiveness of government and NGO-led training programs.

Future research could also explore gender-specific financial policies that cater to women entrepreneurs, ensuring better financial inclusion and sustainability.

CONCLUSIONS AND RECOMMENDATIONS

This section presents the conclusions drawn from the study and provides practical recommendations for policymakers, business development organizations, financial institutions, and mompreneurs themselves. The findings highlight the significance of competency development in sustaining and enhancing mompreneurship in Makassar City, particularly in relation to digital literacy, financial management, networking, and time management.

Conclusion

The study's findings confirm that mompreneurs play a vital role in economic development by contributing to household income and fostering local business growth. However, despite their entrepreneurial efforts, various barriers hinder business sustainability, including limited financial access, lack of structured business training, work-life balance challenges, and intense market competition.

The integration of Systematic Literature Review (SLR) and empirical interviews provides a holistic perspective on the competency development strategies required for sustainable mompreneurship. The results emphasize that:

1. Digital literacy significantly enhances business expansion, enabling mompreneurs to tap into e-commerce, digital marketing, and online financial transactions.
2. Financial literacy is crucial for business sustainability, yet many mompreneurs lack adequate knowledge of budgeting, cash flow management, and credit utilization.
3. Networking and collaboration provide valuable market opportunities, mentorship, and knowledge-sharing that contribute to higher revenue growth.
4. Time management skills are essential for balancing household responsibilities and business operations, yet most mompreneurs struggle in this area.

The findings further indicate that government interventions, private sector collaborations, and community-based support can significantly mitigate the challenges faced by mompreneurs, thus improving their business success rates.

Recommendations

Based on the research findings, several strategic recommendations are proposed to improve mompreneurship in Makassar City:

Recommendations for Policymakers

1. Develop Specialized Training Programs:
 - a. Establish free or subsidized business training programs focused on digital marketing, financial literacy, and business sustainability.
 - b. Implement entrepreneurship mentorship programs through collaboration with universities, business associations, and industry experts.
2. Improve Financial Accessibility:

- a. Introduce microfinance schemes and low-interest loans specifically tailored for mompreneurs.
 - b. Reduce bureaucratic barriers for women entrepreneurs in accessing government grants and funding.
3. Enhance Digital Inclusion:
 - a. Provide internet infrastructure and digital training workshops to help mompreneurs navigate e-commerce and online payment platforms.
 - b. Promote financial technology (fintech) solutions that simplify online transactions and credit management.

Recommendations for Business Development Organizations

1. Strengthen Business Networks and Mentorship:
 - a. Facilitate networking events, business incubators, and trade fairs to help mompreneurs establish industry connections.
 - b. Encourage peer-to-peer mentorship by linking experienced entrepreneurs with new mompreneurs.
2. Encourage Product Innovation and Branding:
 - a. Offer branding and product differentiation training to help mompreneurs stand out in competitive markets.
 - b. Provide market research insights to assist mompreneurs in identifying emerging business trends.

Recommendations for Financial Institutions

1. Develop Women-Centered Financial Products:
 - a. Design loan and savings products specifically for women entrepreneurs.
 - b. Introduce flexible repayment options to accommodate mompreneurs' variable income patterns.
2. Promote Financial Literacy Initiatives:
 - a. Conduct financial education programs focusing on budgeting, investment, and credit management.
 - b. Encourage collaborations between banks and entrepreneurship organizations to improve financial inclusion.

Recommendations for Mompreneurs

1. Invest in Business Education:
 - a. Take advantage of online and offline training opportunities to enhance entrepreneurial skills.
 - b. Participate in networking groups, workshops, and business mentorship programs.
2. Adopt Digital Strategies:
 - a. Utilize social media, e-commerce platforms, and digital payment systems to expand business reach.
 - b. Keep up with emerging digital marketing trends to improve customer engagement.
3. Develop Structured Work-Life Balance Strategies:
 - a. Implement time management techniques such as daily planning, delegation of tasks, and flexible work schedules.
 - b. Seek family and community support to balance household and business responsibilities.

Future Research Directions

While this study provides valuable insights into mompreneur competency development, several areas warrant further research:

- 1) Longitudinal studies should be conducted to analyze the long-term effects of competency development on mompreneur business sustainability.
- 2) Comparative studies between urban and rural mompreneurs could provide a better understanding of regional disparities in business success.
- 3) Research on the effectiveness of policy interventions aimed at supporting mompreneurs could guide future government initiatives.
- 4) Exploration of gender-specific financial models that address women entrepreneurs' challenges in accessing credit and investment opportunities.

FURTHER STUDY

This section explores potential advancements in mompreneurship research and policy innovation, emphasizing areas that require deeper investigation and potential technological and strategic interventions to enhance business sustainability for mompreneurs in Makassar and beyond. By incorporating emerging digital trends, behavioral economic theories, and gender-focused entrepreneurship models, this section outlines how future research and policy initiatives can better support mompreneurs.

The Future of Digital Integration in Mompreneurship

With the rapid evolution of digital technologies, future research should focus on how emerging innovations can further empower mompreneurs. Some key areas of exploration include:

- 1) Artificial Intelligence (AI) in Digital Marketing:
 - a. AI-driven tools such as chatbots, predictive analytics, and personalized marketing algorithms can help mompreneurs optimize business strategies.
 - b. Future studies should investigate the adoption and effectiveness of AI tools among women-led businesses.
- 2) Blockchain for Financial Inclusion:
 - a. Blockchain-based financial systems offer secure, decentralized transaction models that can enhance access to credit for mompreneurs who struggle with traditional banking systems.
 - b. Further research is needed to examine how blockchain microfinance solutions can bridge the gender financial gap.
- 3) E-commerce Optimization through Data Analytics:
 - a. Advanced data analytics could help mompreneurs identify consumer behavior trends, improve inventory management, and optimize product pricing.
 - b. Research should focus on the effectiveness of data-driven business decision-making among mompreneurs.

Behavioral Economics and Mompreneur Decision-Making

Future research should explore how behavioral economic principles influence mompreneurs' business strategies and financial decisions. Key areas of focus include:

- 1) Risk Aversion and Financial Decision-Making:
 - a. Studies indicate that women entrepreneurs tend to be more risk-averse than their male counterparts.
 - b. Research should explore how behavioral financial training can help mompreneurs make informed risk-taking decisions in business growth.
- 2) Nudging Strategies for Business Development:
 - a. Governments and financial institutions can use "nudging" techniques, such as subsidized digital courses and tax incentives, to encourage mompreneurs to adopt more profitable business strategies.
 - b. Future research should evaluate the effectiveness of nudging interventions in business sustainability.

Policy Innovations for Sustainable Mompreneurship

Policymakers should consider innovative economic policies that support sustainable mompreneurship. Future research should focus on:

1. Gender-Specific Entrepreneurial Policies:
 - a. Research should explore the impact of gender-specific financial assistance programs, including micro-loans with flexible repayment terms.
 - b. Evaluating the effectiveness of government-sponsored incubation centers designed exclusively for women entrepreneurs.
2. Public-Private Partnerships in Business Development:
 - a. Collaboration between government institutions, universities, and corporate entities can create tailored programs that enhance mompreneurs' business education and market access.
 - b. Future research should assess best practices for public-private partnerships in empowering female entrepreneurs.
3. Sustainability and Green Entrepreneurship for Mompreneurs:
 - a. Encouraging mompreneurs to adopt eco-friendly business models can enhance long-term sustainability and attract ethical consumer markets.
 - b. Studies should examine how sustainability training can be integrated into existing business education programs.

Comparative Studies on Urban vs. Rural Mompreneurship

The differences between urban and rural mompreneurship models warrant further investigation to ensure equitable policy interventions. Key comparative research areas include:

1. Access to Digital Infrastructure:
 - a. Research should assess the impact of limited internet penetration on mompreneurs in rural settings.
 - b. Future studies could explore how mobile banking and digital payment systems can bridge the financial access gap.
2. Cultural and Social Barriers:
 - a. Investigating how traditional gender roles influence mompreneurial decision-making in different socio-economic contexts.
 - b. Research should explore effective strategies to integrate cultural support systems into mompreneur business training.

3. Supply Chain and Market Accessibility:
 - a. Urban mompreneurs often have better access to business networks, suppliers, and logistics services.
 - b. Future studies should examine how rural mompreneurs can leverage digital supply chains to compete in broader markets.

The Role of Artificial Intelligence and Automation in Mompreneurship

AI and automation have the potential to revolutionize small-scale businesses, but research on their impact on mompreneurship remains limited. Some future research areas include:

1. AI-Powered Business Assistance:
 - a. Investigate how AI-driven virtual assistants can help mompreneurs automate administrative tasks, customer service, and marketing.
 - b. Evaluate whether AI tools improve productivity, efficiency, and profitability for small women-led businesses.
2. Automated Financial Planning:
 - a. Research how AI-driven financial tools can assist mompreneurs in budgeting, investment planning, and credit access.
 - b. Explore the adoption rates and barriers to financial technology (FinTech) among women entrepreneurs.

Implications for Future Entrepreneurship Education

To prepare future mompreneurs for an evolving business landscape, entrepreneurial education must integrate modern technological and strategic competencies. Key areas for research and curriculum development include:

1. Blended Learning for Mompreneurs:
 - a. Investigate the effectiveness of hybrid business training models combining in-person mentorship with digital learning platforms.
 - b. Assess how interactive online courses can bridge skill gaps for mompreneurs.
2. Gamification and Simulated Business Training:
 - a. Explore how gamification techniques can make business education more engaging and practical.
 - b. Assess the effectiveness of business simulation platforms in improving real-world entrepreneurial decision-making.
3. Cross-Border Market Training:
 - a. Research how mompreneurs in emerging markets can be trained to access international e-commerce platforms.
 - b. Evaluate the potential of government-supported cross-border trade programs for mompreneurs.

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