Analyze Causes of Failure in Startups and Exploratory Study

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Abstract:

Startups, the crucibles of innovation and economic transformation in the dynamic digital age, hold the promise of reshaping industries and the business landscape. They play a pivotal role in the global economy, fostering innovation, job creation, and economic growth. Nevertheless, their journey is marked by obstacles, and statistics paint a sobering picture - a substantial 90% of startups face failure within their initial five years.

This paper embarks on an extensive exploration of the multifaceted factors leading to the failure of technology startups. Leveraging insights from literary-based research, we delve into the complex interplay of causes intricately woven into market-related challenges, financial constraints, operational hurdles, and personal limitations.

The study seeks to offer a thorough grasp of startup failures, developing insights from prior literary research having qualitative surveys. In doing so, we not only illuminate the challenges faced by startups but also shed light on potential strategies for navigating these turbulent waters. Entrepreneurs, investors, and policymakers in the technology startup ecosystem stand to gain invaluable insights from this research, fostering innovation and resilience amidst adversity.

Introduction:

1. Background

Startups, as vibrant and innovative ventures, have become central to the global economy's growth and transformation. These dynamic enterprises hold the potential to disrupt industries, generate employment, and drive economic progress. Nevertheless, behind the allure of success stories lie the stark realities of high failure rates, making it essential to understand why startups fail.

In recent years, a plethora of literature has emerged, exploring the challenges and contributing factors that lead to startup failure. Literary research provides valuable insights into the common themes and recurrent issues faced by startups across various industries. This body of knowledge helps in establishing a foundational understanding of startup failures, offering a comprehensive view of the landscape.

By marrying literary research with qualitative insights, this exploratory study aims to present a comprehensive analysis of why startups fail. It aspires to uncover the interplay of market-related challenges, financial constraints, operational hurdles, and personal limitations that contribute to the demise of startups. Such an approach offers a well-rounded understanding of the complex dynamics involved in startup failures, thereby contributing valuable knowledge for aspiring entrepreneurs, investors, and policymakers navigating the challenging landscape of startup entrepreneurship. Through this comprehensive examination, we endeavor to foster innovation and resilience in the face of adversity, ultimately reducing the high rate of startup failures.

2. Problem statement

The tumultuous journey of startups, characterized by rapid innovation, high uncertainty, and relentless competition, demands attention. The overarching problem that this research addresses is the urgent need to identify and comprehend the core factors that contribute to the failure of startups. While startups have the potential to drive innovation and economic growth, they face an alarmingly high mortality rate.

3. Research objectives

To unravel the complex web of factors contributing to the failure startups,to provide insights into the multifaceted nature of startup failures, encompassing market-related, financial, operational, and personal elements.

4. Significance of study

This study carries immense significance for multiple stakeholders in the startup ecosystem. Entrepreneurs embarking on the challenging journey of startup creation can benefit from understanding the pitfalls to avoid. Investors, responsible for allocating resources, can make more informed decisions. Policymakers, in their quest to foster innovation and economic growth, can use the findings to tailor their support for startups more effectively.

By illuminating the enigmatic terrain of startup failures, this research endeavors to pave a path to greater resilience and success for these innovative ventures. This understanding is critical not only for the startups themselves but for the broader economic landscape where they play an increasingly pivotal role.

Literature review:

1. Theoretical framework:

The theoretical underpinnings of startup failures provide an invaluable framework for understanding the complexities that lead to their downfall. models shed light on these dynamics are:

Stage Model of New Ventures (Kolvereid, 1992): Kolvereid's model posits that startups go through distinct stages of development, each with its unique challenges. Understanding these stages is pivotal for comprehending where and why startups may falter.

Resource-Based View (Wernerfelt, 1984): The Resource-Based View framework emphasizes the significance of resources and capabilities in achieving competitive advantage. Startups must harness their resources efficiently to survive and thrive.
Shell model:it aims to reveal the relationships between human factors and other startup components. It employs an error-centric approach, emphasizing interactions between human errors and elements such as technology, environment, and organization, distinguishing it from more conventional methodologies.

Bibliometrics data, Content analysis, and Semantic analysis: Following the article's amendment, a data analysis using network analysis, semantic analysis, and content analysis was carried out. Every article in the final sample was subjected to a content analysis. Mendele software and a Microsoft Access database including the meta data produced by Sitkis software were used to organize the articles. Three processes made up the content analysis process: coding, content analysis (which included frequency counts and cross-tabulations), and result interpretation. Semantic analysis was used to examine the meanings of startup and failure. Two software programs, one called Tropes and the other Semantic Knowledge, were utilized in this computer-driven method.

Several theories aim to comprehend small and medium business failures. The *hazard rate failure theory, frequently employing Cox regression*, seeks to determine these businesses' lifespans by probing the causes of failure. It calculates the hazard rate with a specific formula but falls short of explaining why certain businesses fail while others succeed. An alternative theory, the *"Three Themes" theory, explores three perspectives on failure: Resources, Metaphors, and Multiple* Causes. It highlights the importance of creating links between processes to ensure consistent positive performance. Resources encompass various aspects, influenced by the resource dependence theory, emphasizing that businesses thrive when they effectively acquire and manage resources, whereas failures often stem from resource shortages and missed profitable opportunities.

Case study method: To gather relevant information pertaining to the problem domain and formulate our hypotheses, we will employ a case study methodology. Case studies allow us to delve deeply into a specific unit and can provide valuable insights. Conducting case study research necessitates a rigorous investigative approach and often involves the examination of previous reports and studies. This approach enables us to explore and gain a better understanding of complex problems.

2. Research based insights on technology startups failure:

Lack of Market Fit: Research published in the "EPRA International Journal of Multidisciplinary Research" in 2017 points to the lack of market fit as a recurrent issue leading to startup failures. It underscores the importance of aligning product offerings with market demand.

Insufficient Funding: Inadequate financial resources can lead to premature shutdowns, and it is a common theme in the annals of startup failure.

Poor Management: The same "EPRA International Journal of Multidisciplinary Research" publication identifies poor management as a consistent failure factor. Incompetent leadership can lead to poor decision-making and operational inefficiencies.

*Lack of Entrepreneurial Skill*s: The "International Journal of Research in Engineering, Science, and Management" (2019) also emphasizes the role of entrepreneurial skills. Startups require leaders who possess not only technical expertise but also the ability to navigate the complex world of entrepreneurship.

From the paper startups's road to failure by Marco Cantamessa, Valentina Gatteschi ,Guido Perboli:

Inadequate or Inappropriate Business Model: The business model represents how a company generates value for its customers and profits. It's a critical aspect, especially in the context of technological innovations. A business model should be viewed not as a static and rigid plan, but as a flexible framework that requires ongoing evaluation and improvement in response to market feedback. In emerging industries, the right business model is often not immediately evident. Entrepreneurs who possess a good but evolving business model and adapt to changing conditions are more likely to succeed.

Incorrect Market Positioning: Not discovering the appropriate market fit can have adverse effects on both the product or service and the viability of the business model. Attaining a product/market fit involves aligning the product or service with the appropriate market to effectively address its requirements. Conversely, incorrect positioning indicates a lack of understanding of the product or service, resulting in poor performance or the risk of ending up in a "stuck in the middle" position.

Lack of Product/Market Fit: A more severe scenario of misalignment occurs when a product or service has the potential to address needs or problems, but these are not recognized or valued by customers.

Deviation from the Original Vision: This situation arises when startup founders become overly fixated on product development and technical improvements, straying from their initial vision and customer-centric approach. Unfortunately, they may only realize this deviation when it's too late to avert failure.

Inadequate Customer Development: Customers are at the core of any business model, each group characterized by distinct needs, behavior, and willingness to pay. Careful identification of different customer segments and a deliberate decision on which ones to target are crucial for directing marketing efforts effectively. Offering a great product or service to the wrong customer segment won't lead to success.

Poor Marketing Strategies: This pertains to marketing campaigns that are not well-conceived or executed correctly.

Insufficient Traction: Business traction measures a startup's progress and momentum as it grows. Insufficient traction means the startup cannot expand at a necessary pace, resulting in a loss of competitive edge and waning interest from investors and other stakeholders.

Limited Customer Base: This factor contributing to startup failure often relates to various preceding factors such as incorrect positioning, market maturity, competition effects, or niche market targeting. These factors may result in reaching only a small fraction of potential customers, which is insufficient for sustaining the business.

Customer Acquisition Challenges: Ineffective marketing efforts may result in high customer acquisition costs that are not balanced by the number of customers acquired.

Lack of Customer Loyalty: Customers have become increasingly conscious and are often drawn by various promotions offered by competitors. This has heightened competition and the potential for an ongoing battle over pricing, rendering customer loyalty vulnerable.

From the paper "success and failures of startups in the philippines":

The research also highlighted various factors contributing to startup failures, such as inadequate timing and a failure to adapt, a lack of team diversity, underperforming co-founders, and an inability to pinpoint the target market. Other factors that contribute to startup failures include founders lacking a solid foundation and prior knowledge, as well as a loss of drive and passion (Author et al., 2022).

Lacking Diversity in the Team: Numerous startups have noted that a team's lack of diversity can be a contributing factor to their failure. It is essential for a team to encompass a range of skills and expertise to effectively address various business functions.

Non-Performing Co-Founders: The performance of co-founders is another factor that can lead to failure. If co-founders are not performing well or not contributing effectively to the startup, it can hinder its success.

Founder's Personal Traits and Leadership Approach: The personal traits and leadership approach of the founder have a substantial impact on the outcome of a startup. Founders must possess the capacity to inspire and empower their team, coupled with a strong foundation and determination to persevere in their pursuits.

Failure to Check the Market: Many startups fail because they do not adequately check the market and understand the needs of their target customers. It is important for startups to validate their product ideas with customers and ensure that their product addresses the problem of the target market.

From the Failures to be celebrated "an analysis of major pivots of software startups written by Sohaib Shahid Bajwa & Xiaofeng Wang & Anh Nguyen Duc & Pekka Abrahamsson":

The research methodology employed to investigate the factors contributing to startup failures included gathering online resources as secondary data and scrutinizing pivotal moments in 49 software startups. These online resources yielded valuable information regarding notable pivots in software startups, encompassing renowned firms such as YouTube, Flickr, Pinterest, and Twitter. The examination of these pivotal instances enabled the identification of the catalysts prompting startups to pivot and the nature of the pivots they engaged in. The findings were then categorized into different groups based on product, market, financial, and team dimensions. The objective of this research approach was to enhance comprehension regarding the factors leading to failure and the different types of pivots in software startups.

From "An Overview of the Literature on Startups Failure trends and Contributions - Bhavook Chitkara,Dr. Syed Mohd Jamal Mahmood":

Talent: Employment at start-ups is erratic since companies often expand to a certain size before contracting to increase efficiencies. Finding and retaining qualified talent is a bigger problem than this one. Professionals with extensive experience of downsizing and mass layoffs are hesitant to work for startups. Furthermore, the compensation of pre-series or early-stage businesses is lower than that of corporate entities. In an attempt to expand, most businesses hire inexperienced workers without proper procedures, and in the end, they suffer.

Funding: Obtaining capital has long been a challenge for startups. Because the amounts are smaller, angel and seed investment are easier to obtain, but participation in later stage rounds is considerably more difficult because businesses spend money too quickly and don't take unit economics into account. Rather than celebrating money raised, an entrepreneur should be honored when they reach the starting line of the race. In India, larger checks are accessible, however they are an uncommon source of funding.

Here in India, we place more emphasis on supporting the entrepreneur rather than the business itself, and at times, founders become overly absorbed in the allure of venture capital. Entrepreneurs should establish clear goals for the next five years and avoid becoming overly fixated on any single aspect.

Team: The ideal co-founders team should consist of individuals with the skills, drive, and work experience needed to engage in initiatives. A diverse team is ideal for startups, and the founding team members' relationships are crucial to the smooth operation of the company. Based on studies conducted on postmortems of failed businesses, the founding team of a company should be able to distribute the risk among a number of early employees.

From “Startups’ Roads to Failure”-by Marco Cantamessa and Valentina:

Business failure can occur at various stages of a company's life cycle. Younger businesses are more vulnerable due to inexperience, while older businesses can fail if they become internally focused or lose alignment with the external environment. Adequate resource management and a balance between resources and opportunities are crucial for success. Failure can also result from unfavorable forces prevailing over favorable ones.

Entrepreneurial skills and adaptability significantly influence business success. Entrepreneurs lacking essential management capabilities, adaptability, or a realistic perspective are more likely to fail. A balance between confidence and effective decision-making is crucial for positive outcomes. Organizational issues, such as poor management practices, resource shortages, and inadequate innovation, can contribute to business failure. The industry context, internal structures, and adherence to strategies are critical. Environmental uncertainties, sales demand, and technological advancements are also major factors contributing to business failure.

Systematic and unsystematic risks play a role in business success or failure. Mitigating unsystematic risks through diversification can be crucial. Business failures can result from both internal issues, like ineffective management, and external problems, such as unfavorable economic conditions.

The size of an organization can impact its susceptibility to failure. Small and medium-sized businesses face unique challenges, including limited access to capital, reliance on short-term borrowing, and competition with larger firms, which may hinder their growth and stability. Smaller enterprises might encounter challenges in drawing human and financial resources and could have reduced liquidity ratios.

3. Common themes and factors:

Inadequate Market Research: Failing to conduct thorough market research can result in a misalignment between the product or service offered and actual market needs and preferences.

Lack of Adequate Funding: Startups often face financial challenges, including inadequate capital to sustain operations, scale, or pivot when necessary.

Weak Business Model: An ineffective or unsustainable business model can hinder revenue generation, profitability, and long-term viability.

Regulatory and Compliance Concerns: The process of adhering to intricate legal and regulatory demands can be both time-consuming and expensive, especially for startups operating within highly regulated industries.

Ineffective Leadership and Team Dynamics: Poor communication, lack of leadership skills, and team conflicts can hinder operational efficiency and strategic decision-making.

Market Timing and Competition: Entering a market too early or too late can be detrimental, and intense competition can make it challenging to stand out.

Product-Market Alignment: If a product or service does not correspond with the real requirements and desires of the target audience, it can lead to a failure in attracting customers.
Scalability Challenges: Rapid growth without the necessary infrastructure and resources to support it can lead to operational and financial difficulties.

Failure to Pivot: Resisting change or failing to respond to feedback and market shifts can hinder a startup's adaptability and evolution.

High Competition and Market Saturation: Crowded markets can lead to price wars, reduced profit margins, and difficulty in acquiring and retaining customers.

Inadequate Marketing and Sales Strategies: Poor marketing and sales efforts can limit a startup's ability to reach its target audience effectively.

Financial Mismanagement: Poor financial planning and management can lead to budgetary issues and cash flow problems.

Personal and Emotional Factors: The stress and personal toll of entrepreneurship can affect founders' decision-making, potentially leading to startup challenges.

Technical Challenges: Technological hurdles, such as software bugs, security issues, or infrastructure problems, can disrupt operations and damage a startup's reputation.

External Economic Factors: Economic downturns, market volatility, or unexpected global events can affect the viability of startups.

Operational Inefficiencies: Inefficient processes and supply chain issues can lead to delays, increased costs, and customer dissatisfaction.

Lack of Business Networks: Insufficient networking and mentorship can limit opportunities for partnerships, funding, and growth.

Research methodology

1. Research design

This study employs a research design that combines multiple methods,combining both literary-based research and qualitative research approaches. This dual approach allows for a comprehensive exploration of the factors contributing to startup failures by drawing from the existing body of literature.

2. Data collection method

This study employs a hybrid data collection approach, combining information extracted from existing papers. The factors contributing to startup failures.

1. Literature-Based Data Collection:

a. Systematic Review: The first phase of data collection involves a systematic review of academic papers, research articles, industry reports, and case studies related to startup failures. Databases such as Google Scholar, JSTOR, and academic journals specific to entrepreneurship and business management are meticulously searched.

b. Key Insights Extraction: Relevant and key insights from the literature are extracted, encompassing common themes, challenges, and contributing factors associated with startup failures. These insights serve as the foundation for the study's background and theoretical framework.

From the literature review based on Philippines case study:

The study utilizes an inquiry-based approach, employing a qualitative case study to gather and analyze the experiences and viewpoints of both successful and unsuccessful startup ventures in the Philippines.

Research participants were selected from the pool of startups registered with the Department of Science and Technology (DOST). The research included interviews with six founders or co -founders, which were video-recorded and lasted about one hour each. Subsequently, the data collected was thematically analyzed, extracting insights from the interview transcripts.

Participants:

The study included six participants who were active startup founders or co -founders. The profile of the participants is as follows:

- Startup A: Solar Engineering Services, Founder, 3 years of experience
- Startup B: International Fintech, Country Director, 4 years of experience
- Startup C: Sustainable Agriculture, Co-founder, 3 years of experience
- Startup D: Furniture Manufacturer, Founder, 4 years of experience
- Startup E: Local Film Distributor, Founder/Marketing Manager, 5 years of experience
- Startup F: AI-Powered School Management System, Founder, 4 years of experience

An Overview of the Literature on Startups Failure:

Country	Start-ups (Total)	Non-tech-based start-ups	Tech based start-ups	Bank Lending rates in %	Corporate tax rate	Setting up of new company in days
USA	83000	34500	48500	3.3	39	4
China	10000	6600	3400	5.6	25	30
India	10000	tel:10000%206600	4300	10.3	34	45
Israel	4750	750	4000	3.9	26	12
Singapore	---	---	---	5.38	17	2
Japan	---	---	---	1.2	31	9

Table showing the Indian startups are compared to those in other regions.

3. Data integration

Data extracted from the literature review are integrated to provide a holistic understanding of the factors contributing to startup failures. This integration allows for the validation and enrichment of findings, offering a comprehensive view of the phenomenon.

4. Data analysis

a. Literature-Based Data: Information extracted from existing papers is analyzed to identify recurring themes, patterns, and common factors associated with startup failures.

For the case study of philippines startups:

Coding was applied during the data analysis procedure to identify the primary themes and sub-themes within the interview transcripts. With no preset categories, the analysis was participant-driven and thematic. The views and insights that the participants gave helped to clarify the reasons behind the apparent success and failure of companies.

Findings based on literature and qualitative research:

1. Identified causes of failure in tech startups

Analyzing the intricacies of startup failures reveals a web of interconnected factors that underlie their struggles. Insufficient market research frequently leads to a misalignment between the product or service

offered and the real needs and preferences of the target market, thus hindering customer engagement. Insufficient funding is a common challenge, restricting startups' capacity to sustain daily operations, seize growth opportunities, or pivot in response to market shifts. The sustainability of startups hinges on their business model, and a weak or unsustainable one can hinder revenue generation and overall viability.

Navigating regulatory and compliance issues, especially in highly regulated industries, can consume valuable time and resources. Effective leadership and harmonious team dynamics are pivotal for operational efficiency and strategic decision-making, while poor leadership and team conflicts can disrupt progress. Market timing and competition play a crucial role, as entering a market too early or too late can hinder success, and fierce competition can make differentiation challenging.

Achieving a strong product-market fit is essential to secure a foothold in the market, and its absence can result in a lack of customer traction. Scalability challenges often emerge with rapid growth, requiring the necessary infrastructure and resources to support expansion. Resistance to pivoting in response to market feedback and shifts can hinder a startup's adaptability.

High competition and market saturation create environments where startups must find innovative ways to stand out to secure market share. Inadequate marketing and sales strategies can limit a startup's ability to reach its target audience effectively. Financial mismanagement can lead to budgetary problems and cash flow issues, affecting overall financial stability and growth potential.

The personal and emotional toll of entrepreneurship can influence decision-making and resilience.

Technical challenges, such as software bugs or security issues, can disrupt operations and damage reputation. External economic factors like economic downturns or unforeseen global events can have a significant impact. Addressing operational inefficiencies is crucial for enhancing efficiency. Lastly, building and leveraging business networks are vital for expanding reach and resources, facilitating growth, and overcoming these multifaceted challenges that often lead to startup failures.

By conducting interviews with startup founders or co-founders, the research investigated both the successes and setbacks experienced by startups in the Philippines. The findings indicated that a startup's success is significantly influenced by factors such as its product, financial aspects, fundraising, and the composition of its team. On the contrary, factors associated with unsuccessful ventures included a deficiency in team diversity, poor timing, co -founders who underperformed, an unclear market niche, the level of competition, a nd the founder's prior experience and management style.

An Overview of the Literature on Startups Failure gave an in depth review about why startups fail all over the world in many statistics shown and researches conducted through semantic analysis and interviews to many people we understand that failure of startups can be seen due to two major reasons which include poor management and misjudged expertise in the industry. We can understand that startups require the entrepreneur to have some knowledge in the field and be able to analyze the market efficiently to be successful. According to the data, 55 percent of startups experience failure due to insufficient management, and 63 percent of startups falter due to a lack of expertise in their respective fields. Another major factor is funding. finding os a very important part of any startup a study it showed that in the. US has a total of 83000 startups and the interest rate is 3.3% and tax rate is 39 and that 4 companies our setup a new day whereas country like china there 10000 startups every day where interest rates are 5.6% and the tax is less so countries where tax are lesser show more emerging new startups due to easy funding .The study's findings indicate that a startup's chances of success are significantly influenced by both internal and external influences. The most frequent causes of startup failure are a lack of creativity and technology, coupled with an incapacity to identify a market demand for a product.

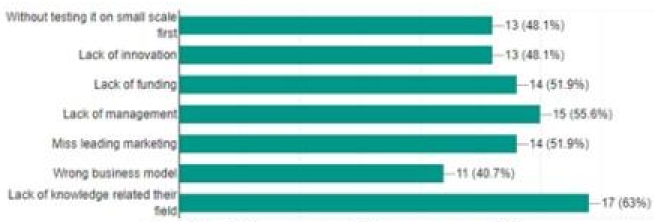

Fig. 19. Why most of the start-ups fail

2. Categorization into themes and factors along with their significance

Market-Related Challenges: Market-related challenges are pivotal factors in startup failures. Inadequate market research, where startups may not fully understand their target market's needs and preferences, can lead to products or services that miss the mark. Timing is also crucial - entering a market too early or too late can be detrimental, as it may result in products or services that don't align with the current demand. Additionally, high competition and market saturation can make it challenging for startups to stand out, leading to price wars, reduced profit margins, and difficulties in acquiring customers. Combined, these factors create a landscape where startups need to navigate market challenges effectively to succeed.

Financial Constraints:Financial constraints are a common challenge for startups. Insufficient funding can hinder a startup's ability to sustain operations, scale, or pivot when necessary. This lack of financial stability may also limit the startup's capacity to withstand unforeseen challenges or market fluctuations. Additionally, financial mismanagement can exacerbate financial issues, potentially leading to budgetary problems and cash flow issues. Overall, financial constraints pose significant hurdles that startups must overcome to succeed.

Business Model and Product Viability: A startup's business model is the blueprint for its operations and revenue generation. A weak or unsustainable business model can hinder revenue generation, cost management, and monetization strategies, rendering the startup nonviable. Moreover, product-market fit is crucial; if a product or service doesn't align with the actual needs and demands of the target audience, it can result in a lack of traction and eventual failure. Both factors are closely intertwined, influencing the startup's success or failure in the market.

Regulatory and Legal Barriers:Regulatory and legal challenges can be significant hurdles for startups. Navigating complex legal and compliance requirements often demands time and resources. Startups must allocate resources effectively to ensure they adhere to legal and regulatory standards. These challenges can include issues related to licenses, permits, intellectual property, data protection, and industry-specific regulations. Successfully overcoming these barriers is essential for a startup's long-term sustainability.

Team and Leadership Dynamics: Effective leadership and cohesive team dynamics are pivotal factors in startup success. Leadership quality influences strategic decision-making, goal setting, and the overall direction of the startup. Ineffective leadership can lead to mismanagement, misalignment with the startup's mission, and a lack of clear vision. Team dynamics, including communication, collaboration, and conflict resolution, are also essential for operational efficiency. A team with poor dynamics can hinder productivity and cohesion, affecting the startup's overall success.

Operational and Technical Issues:Startup operations are prone to various challenges. Scaling, or the ability to grow and adapt, can pose issues when startups experience rapid expansion without the necessary infrastructure and resources. Inefficiencies within operations, such as ineffective processes or supply chain challenges, can lead to delays, increased costs, and customer dissatisfaction. Technical challenges encompass issues like software bugs, security problems, and infrastructure obstacles that can disrupt operations and damage a startup's reputation. Addressing these operational and technical issues is vital for long-term success.

Personal and Emotional Factors: The personal and emotional factors associated with entrepreneurship can significantly influence the startup's journey. The stress, pressure, and emotional toll of building and running a startup can affect founders and team members. These factors may lead to burnout, anxiety, and emotional exhaustion, potentially impacting decision-making and the ability to adapt to challenges. Recognizing and addressing these personal and emotional aspects is crucial for maintaining resilience and coping with adversity.

External Economic Factors: Startups are not immune to external economic conditions. Economic downturns, market volatility, or unforeseen global events, like economic recessions or the impact of a global pandemic possibly has a major effect on the institutions failure or success. These external economic factors can affect consumer spending, investment trends, and overall market dynamics, directly impacting a startup's financial stability and market reception.

Marketing and Sales Strategies: Marketing and sales strategies are fundamental to a startup's ability to connect with its target audience and generate revenue. Inadequate marketing and sales efforts can limit the startup's capacity to effectively reach potential customers and convince them to engage with the product or service. Successful startups often rely on well-planned marketing campaigns, efficient sales funnels, and strong customer relationship management to secure customer loyalty and drive growth.

Recommendations to startups based on findings:

A. Practical Guidance for Startup Founders:

Thorough Market Validation: Founders should prioritize rigorous market validation before launching their products or services. Engaging with potential customers, understanding their needs, and adapting offerings based on feedback is crucial for establishing a strong market fit.

Financial Planning: Prudent financial planning is essential for a startup's survival. Founders must create detailed financial projections, monitor cash flows, and secure adequate funding sources to navigate the challenging early years of operation.

Operational Expertise: Building expertise in key operational areas, such as management, execution, and resource allocation, is critical. Founders should invest in training, seek mentorship, or hire team members with the requisite skills to effectively manage their startups.

Entrepreneurial Skill Development: Technical expertise should be complemented by a broad set of entrepreneurial skills. Founders must focus on developing skills such as strategic planning, risk management, adaptability, and leadership to navigate the unpredictable startup journey successfully.

Leverage Support Systems: Founders should actively seek mentorship, guidance, and networks that provide invaluable support during challenging times. Engaging with experienced mentors and participating in startup incubators or accelerators can offer guidance and resources.

B.Strategies for Investors:

Evaluate Founder Skills: Investors should conduct comprehensive due diligence on founders' skills and competencies, focusing not only on technical expertise but also on their ability to manage and lead a startup effectively. A founder's track record and willingness to learn and adapt are critical considerations.

Market and Financial Diligence: Careful evaluation of a startup's market potential and financial health is essential before making investment decisions. Assess the startup's understanding of its target market, the presence of a clear value proposition, and the sustainability of its financial model.

Mentoring and Post-Investment Support: Investors can play a vital role in startups' success by providing mentoring and support post-investment. Sharing expertise, industry insights, and networking opportunities can significantly contribute to a startup's growth and resilience.

Limitations:

Limited Generalizability: Literary research often involves a review of existing literature, which may not encompass all startups or industries. The findings may not be fully representative of all startup failures, and qualitative research generally has smaller size, restricting the generalizability of the results to a broader population.

Incomplete Data: The availability of literature on specific startup failures or industry-specific factors may be limited. This can result in incomplete data for the literary research component, potentially leaving gaps in the analysis.

Interpretation Challenges: Interpreting and synthesizing findings from literary research Can be complex. Ensuring a rigorous and objective analysis requires careful consideration and adherence to established research methodologies.

External Factors: External forces, including economic conditions and market trends, have an impact on the startup ecosystem. These external dynamics can shift over time and might not be comprehensively represented in the existing literature or in qualitative interviews.

Literary Bias: The existing literature could potentially exhibit bias, influenced by the sources and authors involved. Biased or one-sided literature has the potential to influence the findings derived from the literary research aspect.

Conclusions:

In the dynamic landscape of startups, where innovation and entrepreneurship intersect, understanding the factors that contribute to their success or failure is of paramount importance. This research paper embarked on an exploration of these factors through a combination of literary-based research aiming to shed light on the complex dynamics of startup failures.

Through an extensive literature review, we delved into the existing body of knowledge to uncover the common themes and challenges that startups face. From market-related hurdles to financial constraints, the literature revealed a multifaceted landscape where success and failure are often separated by a fine line. These literary insights provided the groundwork for our understanding of startup failures. The research approaches allowed us to develop a comprehensive understanding of the factors contributing to startup failures. It became evident that these factors are interconnected and interdependent, creating a complex web of challenges that entrepreneurs must navigate.

Market-related issues, financial constraints, regulatory barriers, leadership dynamics, operational and technical hurdles, personal and emotional factors, external economic conditions, and the effectiveness of marketing and sales strategies collectively shape the fate of startups.

Concluding , our research underscores significance of acknowledging it’s multifaceted state of startup failures. By recognizing the interplay of these factors, entrepreneurs, investors, and policymakers can make more informed decisions to mitigate challenges and increase the likelihood of startup success. While startup failures are a reality, they also serve as valuable lessons, driving innovation, resilience, and progress in the ever-evolving world of entrepreneurship.

With the ongoing evolution of the startup ecosystem, the knowledge acquired through this research enhances our comprehension of the entrepreneurial terrain, providing valuable guidance for individuals navigating the dynamic challenges of startup entrepreneurship. By dissecting the anatomy of failure, we illuminate a path towards innovation and resilience, fostering the spirit of entrepreneurship in the face of adversity.

References:

[1]Successes and Failures of Startups in the Philippines: An Exploratory Study

[2] An Overview of the Literature on Startups Failure: Trends and Contributions - Bhavook Chitkara,Dr. Syed Mohd Jamal Mahmood

[3] Startups’ Roads to Failure - Marco Cantamessa Valentina Gatteschi Guido Perboli

[4] Bajwa, S.S., Wang, X., Nguyen Duc, A. *et al.* “Failures” to be celebrated: an analysis of major pivots of software startups. *Empir Software Eng* 22, 2373–2408 (2017). https://doi.org/10.1007/s10664-016-9458-0

[5] D. V. Lindberg and H. K. H. Lee, “Optimization under constraints by applying an asymmetric entropy measure,” J. Comput. Graph. Statist., vol. 24, no. 2, pp. 379–393, Jun. 2015, doi: 10.1080/10618600.2014.901225.

[6] B. Rieder, Engines of Order: A Mechanology of Algorithmic Techniques. Amsterdam, Netherlands: Amsterdam Univ. Press, 2020.

[7] I. Boglaev, “A numerical method for solving nonlinear integro-differential equations of Fredholm type,” J. Comput. Math., vol. 34, no. 3, pp. 262–284, May 2016, doi: 10.4208/jcm.1512-m2015-0241.

[8] J. M. Morse, "Critical analysis of strategies for determining rigor in qualitative inquiry," Qualitative Health Research, vol. 25, no. 9, pp. 1212-1222, 2015.

[9] L. B. McCusker and N. J. Gunaydin, "Research using qualitative, quantitative or mixed methods and choice based on the research," Perfusion, vol. 21, no. 5, pp. 302-304, 2006.

[10] J. A. Smith, "Reflections on the development and use of qualitative research methods," in Qualitative Psychology: A Practical Guide to Research Methods, 3rd ed., London, United Kingdom: Sage Publications, 2015, pp. 69-92.

[11] D. Silverman, Interpreting Qualitative Data: Methods for Analyzing Talk, Text and Interaction. London, United Kingdom: Sage Publications, 2014.

[8] M. B. Miles, A. M. Huberman, and J. Saldana, Qualitative Data Analysis: A Methods Sourcebook. Thousand Oaks, CA: Sage Publications, 2014.

[12] R. J. Creswell and V. L. Plano Clark, Designing and Conducting Mixed Methods Research. Thousand Oaks, CA: Sage Publications, 2017.

[13] C. Seale,Researching Society and Culture. Thousand Oaks, CA: Sage Publications, 2012.

[14] C. Willig, Introducing Qualitative Research in Psychology. Maidenhead, United Kingdom: Open University Press, 2013.

[15] S. N. Hesse-Biber, Mixed Methods Research: Merging Theory with Practice. New York, NY: The Guilford Press, 2015.

[16] N. K. Denzin and Y. S. Lincoln, Eds., The SAGE Handbook of Qualitative Research, 4th ed. Thousand Oaks, CA: Sage Publications, 2011.

[17] R. K. Yin, Case Study Research: Design and Methods. Thousand Oaks, CA: Sage Publications, 2013.

[18] P. A. Atkinson and S. Delamont, Eds., SAGE Qualitative Research Methods. Thousand Oaks, CA: Sage Publications, 2018.

[19] J. F. Gubrium and J. A. Holstein, Analyzing Narrative Reality. Thousand Oaks, CA: Sage Publications, 2009.

[20] T. R. Sarbin and J. I. Kitsuse, Constructing the Social. Thousand Oaks, CA: Sage Publications, 2013.