

Midocean University
College of Management
Department/Major in Project Management



The impact of using social networking sites on decision making
and project management
A research study on small projects in Riyadh

Prepared by\

Maha Hassan ALbayuok

242000786

Supervised\

Dr. Faisal Abdul Hamid

Dr. Fayez Jarad

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Introduction:

In the digital age, social networking sites (SNS) have become ubiquitous, profoundly influencing various aspects of personal and professional life. Among the diverse domains impacted by these platforms, decision-making and project management have seen significant shifts, particularly in small-scale projects. Social networking sites, such as Facebook, Twitter, LinkedIn, and specialized platforms like Slack or Trello, are increasingly being utilized to enhance communication, collaboration, and decision-making processes within organizations. This phenomenon is particularly noticeable in cities like Riyadh, where the rapid digital transformation is reshaping traditional business practices.

Small projects, often characterized by limited resources, tight timelines, and the need for agile problem-solving, stand to benefit from the real-time connectivity and broad information sharing facilitated by social networks. However, while SNS provide an efficient way for team members to interact, share updates, and solicit feedback, they also introduce new challenges related to information overload, decision-making biases, and the potential for miscommunication.

Study Problem:

The growing reliance on social networking sites (SNS) for communication and collaboration has transformed how businesses manage projects, even in small-scale initiatives. In cities like Riyadh, where digital transformation is accelerating, the integration of SNS into project management processes has the potential to revolutionize decision-making, but it also presents a range of challenges. While SNS offer advantages in terms of real-time communication, broad information sharing, and the ability to mobilize resources quickly, their impact on the decision-making process and overall project management remains underexplored, particularly in the context of small projects.

The problem this research seeks to address is the lack of comprehensive understanding regarding the effects of SNS on decision-making and project management within the specific context of small projects in Riyadh. Small projects, often characterized by limited budgets, tight deadlines, and smaller teams, face unique challenges that may be exacerbated or alleviated by SNS use. However, these platforms can also create unintended consequences, such as information overload, fragmentation of communication, and difficulties in maintaining focus on project goals.

Key issues include:

1-Decision-Making Quality: How does the use of SNS impact the quality and efficiency of decision-making in small projects? Do SNS enhance collaboration and idea generation, or do they create distractions and misalignment?

2-Project Management Processes: In what ways do SNS affect critical aspects of project management, such as planning, task delegation, progress monitoring, and team coordination? Do these platforms lead to improved outcomes in terms of timeliness, cost-effectiveness, and meeting project objectives?

3-Challenges and Risks: What are the specific challenges and risks associated with SNS use in small project settings? Are there any negative effects on team dynamics, decision-making speed, or the accuracy of project information?

4-Cultural and Local Context: How do cultural factors specific to Riyadh, such as business norms, communication styles, and technological adoption rates, influence the effectiveness of SNS in project management and decision-making?

The study problem, therefore, centers on the need to critically assess both the positive and negative impacts of SNS on the way small projects are managed in Riyadh. Understanding these dynamics is essential for improving project management practices, minimizing risks, and leveraging SNS tools in a way that maximizes their benefits without compromising decision-making quality or project outcomes.

Importance of the Study:

The importance of this study lies in its potential to provide valuable insights into the evolving role of social networking sites (SNS) in project management and decision-making, particularly within the context of small projects in Riyadh. As digital tools continue to reshape business landscapes worldwide, understanding how SNS affect project outcomes is crucial for businesses striving to adapt to this transformation. The findings of this research could offer both practical and theoretical contributions to various stakeholders, including project managers, organizational leaders, and policymakers in Riyadh.

Study Objectives:

The primary objective of this study is to assess the impact of using social networking sites (SNS) on decision-making and project management within small projects in Riyadh. By examining how SNS influence key aspects of project execution, collaboration, and decision-making, the research aims to provide actionable insights that can optimize project outcomes in small-scale business environments. To achieve this overarching goal, the study will pursue the following specific objectives:

1-To Examine the Role of SNS in Enhancing Decision-Making Processes:

Investigate how the use of SNS contributes to the speed, quality, and effectiveness of decision-making in small projects.

Assess whether SNS improve collaboration, information sharing, and access to diverse perspectives during decision-making, thereby increasing decision accuracy and agility.

Identify any decision-making biases or challenges that may arise due to the informal and fast-paced nature of SNS communication.

2-To Analyze the Impact of SNS on Project Management Practices:

Explore how SNS influence key project management processes such as planning, task delegation, resource management, and tracking progress.

Determine if SNS facilitate better coordination, improve communication among team members, and help streamline project workflows.

Investigate how SNS tools are used in project monitoring and reporting, and their effect on the timely achievement of project milestones.

3-To Identify the Benefits and Drawbacks of SNS in Small Project Settings:

Highlight the specific advantages of using SNS for small projects in Riyadh, including cost-effectiveness, real-time communication, and quick decision-making.

Examine the potential drawbacks, such as information overload, fragmentation of communication, and reduced face-to-face interaction among team members.

Assess how SNS tools are integrated into existing project management frameworks and whether they complement or conflict with traditional project management practices.

4-To Investigate the Influence of Local Context on SNS Usage:

Explore how cultural, social, and business factors in Riyadh influence the adoption and effectiveness of SNS in project management.

Examine how local communication styles, business norms, and digital literacy affect the use of SNS in project teams and decision-making processes.

Understand the impact of Riyadh's digital infrastructure and access to technology on the widespread use of SNS in small projects.

5-To Identify Challenges and Risks Associated with SNS Usage in Small Projects:

Identify the risks and challenges that project managers and teams face when using SNS for communication and collaboration, such as security concerns, loss of focus, or lack of formal documentation.

Assess the impact of SNS on team dynamics, including potential issues related to trust, hierarchy, and role clarity within project teams.

Explore how project teams mitigate or adapt to these challenges to ensure successful project delivery.

6-To Provide Recommendations for Optimizing SNS Usage in Small Projects:

Develop practical recommendations for project managers and organizations in Riyadh on how to effectively integrate SNS into their project management processes.

Suggest strategies for balancing the advantages of SNS (e.g., fast communication, flexibility) with the potential risks (e.g., distraction, miscommunication).

Recommend best practices for leveraging SNS to improve decision-making, collaboration, and overall project outcomes in small-scale projects.

7-To Contribute to the Academic Literature on SNS in Project Management:

Expand the body of knowledge regarding the role of social networking sites in project management, particularly in small projects within emerging markets like Riyadh.

Identify gaps in the current literature on the intersection of digital communication tools, decision-making, and project management, and propose areas for further research.

By addressing these objectives, the study aims to provide a comprehensive understanding of how SNS impact the dynamics of decision-making and project management in small projects. The results will offer valuable insights for businesses, project managers, and academics seeking to understand the role of digital tools in enhancing project outcomes, especially within the context of Riyadh's rapidly evolving business environment.

Study Questions:

The following study questions guide the research on the impact of using social networking sites (SNS) on decision-making and project management in small projects in Riyadh. These questions are designed to explore the key aspects of how SNS affect project processes, outcomes, and team dynamics in small-scale initiatives, particularly in the context of Riyadh's unique business environment.

1-How do social networking sites impact the decision-making process in small projects?

- To what extent do SNS facilitate faster and more effective decision-making in small project teams?

- How do SNS influence the quality of decisions made in small projects (e.g., accuracy, inclusivity, consensus)?

- Are there any specific decision-making challenges or biases that arise due to the use of SNS in small project settings?

2-What is the role of SNS in enhancing or hindering project management practices?

- How do SNS contribute to various stages of project management, such as planning, task delegation, progress monitoring, and resource management?

- In what ways do SNS improve communication and collaboration among project team members?

- Are SNS tools effectively integrated into the traditional project management frameworks, or do they create conflicts with established processes?

3-What are the advantages and disadvantages of using SNS for small project management in Riyadh?

- What benefits do small projects in Riyadh gain from using SNS, such as improved communication, flexibility, or cost-effectiveness?

- What are the major challenges or drawbacks associated with using SNS in small project management, such as information overload, distractions, or miscommunication?

- How do project teams balance the benefits of SNS with the potential risks in their project workflows.

4-How does the local context of Riyadh affect the use of SNS in project management and decision-making?

-How do local cultural factors, business norms, and communication styles in Riyadh influence the adoption and use of SNS in small projects?

-To what extent does the digital infrastructure in Riyadh support the effective use of SNS for project management in small-scale businesses and teams?

-Are there any unique challenges or opportunities in using SNS for decision-making and project management in Riyadh compared to other regions?

5-What challenges and risks do project teams face when using SNS for decision-making and project management in small projects?

-What are the main risks related to using SNS, such as security concerns, data privacy issues, or fragmentation of communication?

-How do SNS affect team dynamics, such as trust, role clarity, and cohesion, within small project teams in Riyadh?

-Are there any negative impacts on project outcomes (e.g., delays, cost overruns, scope creep) linked to the use of SNS in project management?

Study Assignments:

The study assignments for "The Impact of Using Social Networking Sites on Decision-Making and Project Management: A Research Study on Small Projects in Riyadh" are designed to ensure a comprehensive exploration of the research questions, objectives, and issues surrounding the use of social networking sites (SNS) in small projects. These assignments are broken down into specific tasks and deliverables that contribute to the study's success. Each assignment aligns with the core goals of the research, ensuring that all key aspects of the topic are investigated thoroughly.

1-Literature Review Assignment

Objective: To provide a comprehensive review of existing research on the use of SNS in project management, decision-making, and small projects in different regions.

-Tasks:

Review academic articles, books, industry reports, and case studies on SNS use in project management.

Examine studies on decision-making theories and how SNS may influence decision-making processes.

Identify the benefits and challenges of using SNS for project management in small-scale projects, particularly in emerging markets.

Summarize findings from literature that highlight the impact of SNS in similar business environments (e.g., small projects in other regions, startups, or SMEs).

Deliverable: A detailed literature review (approximately 2,500 to 3,000 words) that covers the theoretical frameworks, previous studies, and current trends related to the use of SNS in project management and decision-making.

2-Data Collection Design Assignment

Objective: To design a data collection methodology that is suitable for the study, with a focus on small projects in Riyadh.

-Tasks:

Determine the appropriate research design (qualitative, quantitative, or mixed-methods).

Develop data collection instruments, including surveys, interviews, and focus group questions.

Define the target sample for data collection (e.g., project managers, team members, or business owners involved in small projects in Riyadh).

Identify ethical considerations, including informed consent, confidentiality, and data security.

Set a timeline and logistics for the data collection process.

Deliverable: A data collection plan, including research design, sampling strategy, survey/interview questions, and ethical guidelines (approximately 1,000 to 1,500 words).

3-Survey/Interview Implementation Assignment

Objective: To gather primary data from project managers, team members, and other stakeholders in small projects in Riyadh about their experiences with SNS in project management and decision-making.

-Tasks:

Conduct surveys or interviews with selected participants (e.g., small business owners, project managers, and team members).

Ensure that respondents understand the purpose of the study and the significance of their input.

Collect qualitative and quantitative data on how SNS are used in project management and decision-making processes, and any perceived advantages or drawbacks.

Record and transcribe qualitative data from interviews and focus groups.

Deliverable: A completed data set with responses from surveys, interviews, or focus groups (approximately 50-100 responses, depending on the research design).

4-Data Analysis Assignment

Objective: To analyze the collected data to identify patterns, trends, and correlations between SNS usage and project management outcomes.

-Tasks:

Analyze quantitative data using statistical software (e.g., SPSS, Excel) to identify correlations, trends, or differences between SNS usage and project management variables (e.g., speed, cost, quality).

Analyze qualitative data through thematic analysis to identify recurring themes, challenges, and benefits associated with SNS use in small projects.

Compare findings with existing literature to determine if results align with or challenge prior research.

Deliverable: A data analysis report (approximately 2,000 to 3,000 words) detailing key findings, statistical results, and thematic analysis of qualitative data.

5-Case Study Assignment

Objective: To conduct a case study or several case studies of small projects in Riyadh that have used SNS for decision-making and project management.

-Tasks:

Select 2-3 small projects in Riyadh (e.g., startups, small businesses, or NGOs) that have implemented SNS in their project management processes.

Conduct in-depth interviews with project managers or team members involved in these projects.

Investigate how SNS were used, the types of platforms used, and their effects on project outcomes.

Identify the key lessons learned and best practices for SNS integration into small project management.

Deliverable: A case study report (approximately 1,500 to 2,000 words) that analyzes the role of SNS in real-world small projects, highlighting successes, challenges, and practical applications.

Literature Review:

Challenges in Using SNS for Small Projects:

However, the unstructured nature of SNS can lead to challenges such as miscommunication, lack of focus, and security concerns. Research by Soltani & Khaleghi (2021) notes that the informal communication channels offered by SNS may undermine formal project protocols, potentially leading to risks in project management outcomes.

Social Networking Sites and Decision-Making:

SNS platforms such as LinkedIn, Twitter, and Facebook provide avenues for networking, information sharing, and collaboration. Previous studies have highlighted how SNS influence decision-making in business by offering immediate access to a broad range of opinions, real-time information, and expert consultations (Choi & Lee, 2020). This facilitates faster, more informed decisions but can also result in information overload and decision fatigue.

SNS and Project Management:

SNS have become an integral part of communication in project management. Tools like Slack, WhatsApp, and Microsoft Teams are often used for real-time collaboration, project updates, and issue resolution. Studies suggest that SNS enhance communication, foster collaboration, and improve transparency within project teams, particularly in agile or remote environments (Dimitrov & Patel, 2019).

Theoretical foundations of the study:

For a study titled "The Impact of Using Social Networking Sites on Decision-Making and Project Management: A Study on Small Projects in Riyadh," the theoretical foundations could be grounded in several key theories and concepts. Here are some theoretical bases that might be relevant:

1-Social Network Theory

-Social Network Theory explores how relationships and interactions in a social network can influence behavior, decisions, and outcomes. In the context of social networking sites (SNS), this theory provides insight into how information, support, and resources can be shared among individuals involved in decision-making and project management.

-Application to the study: This theory helps understand how the networks formed through social media influence decision-making processes in small projects by providing access to diverse perspectives, information, and feedback from peers, which may lead to better-informed decisions.

2-Technology Acceptance Model (TAM)

-The Technology Acceptance Model (TAM) explains how users come to accept and use a technology based on perceived ease of use and perceived usefulness.

-Application to the study: TAM could help explore whether small project managers in Riyadh find social networking sites useful and easy to use in decision-making and project management. It can further elucidate the degree to which these factors affect their adoption of SNS in professional settings.

3-Theory of Planned Behavior (TPB)

-The Theory of Planned Behavior posits that an individual's intention to engage in a behavior is influenced by attitudes toward the behavior, subjective norms, and perceived behavioral control.

-Application to the study: TPB could help explain the intentions behind using social networking sites for project-related purposes, such as seeking advice or making decisions. For example, if project managers perceive that their peers expect them to use SNS in project management, they may be more inclined to do so.

4-Decision-Making Theory

-Decision-Making Theory covers various models that explain how individuals make choices, from rational models (emphasizing structured, logical decision-making) to bounded rationality (which recognizes limits on rationality).

-Application to the study: Understanding how SNS influences decision-making styles—whether it enhances rationality by providing more information or creates biases due to social influence—could be essential to the research. SNS can provide a wide range of information but can also lead to decision fatigue or reliance on the opinions of online peers.

5-Project Management Theory

-Project Management Theory includes various frameworks and principles that guide how projects are planned, executed, and controlled. It includes aspects such as communication, stakeholder management, and risk assessment.

-Application to the study: Integrating SNS in project management may streamline communication and collaboration, allowing for quicker decision-making and agile responses to challenges in small projects. Project Management Theory can provide a baseline to assess whether SNS usage aligns with best practices or introduces new challenges.

6-Media Richness Theory

-Media Richness Theory suggests that different communication mediums vary in their ability to convey information effectively, with “rich” media (e.g., face-to-face communication) being better suited for complex decision-making.

-Application to the study: Social networking sites could be analyzed based on their “richness” compared to traditional communication methods. This theory could help assess whether using SNS leads to better or worse decision-making in small projects in Riyadh by examining if the information and feedback provided by SNS are adequate for complex project-related decisions.

7-Resource-Based View (RBV)

-The Resource-Based View of the firm focuses on how resources (tangible or intangible) provide competitive advantages. SNS can be seen as a strategic resource for gaining access to knowledge and expertise that aids in project management.

-Application to the study: For small projects in Riyadh, SNS may serve as a critical resource for competitive advantage, especially when project managers lack other

support resources. This theory can explain how access to a social network can enhance decision-making efficiency and project success.

These theoretical frameworks together provide a comprehensive base to study the impact of social networking sites on decision-making and project management. They also help clarify why and how SNS usage might influence the success of small projects, specifically in a city like Riyadh, where social and business norms may affect digital interactions.

Methodology and research methods:

Here's a proposed methodology framework and the specific research methods that could be employed:

-Research Design

Type: A mixed-methods approach, combining both quantitative and qualitative methods, can provide a comprehensive understanding. The quantitative component allows for statistical analysis of SNS usage patterns and project outcomes, while the qualitative component explores individual experiences and insights.

Approach: Descriptive and explanatory research to describe how SNS are used in small projects in Riyadh and to explain the relationships between SNS use, decision-making processes, and project management effectiveness.

Setting: The study will focus on small businesses and projects operating in Riyadh, covering various industries to capture diverse experiences.

-Data Analysis Techniques

Quantitative Analysis:

Descriptive statistics to summarize SNS usage patterns and demographic data.

Correlation analysis to explore relationships between SNS usage frequency and project performance indicators (e.g., decision-making efficiency, budget adherence).

Regression analysis to examine the impact of SNS usage on decision-making quality and project management outcomes.

Qualitative Analysis:

Thematic analysis to identify and categorize themes from interview responses. Use coding software like NVivo or manual coding to organize responses into categories such as communication benefits, influence on decision speed, risk management, and project outcome quality.

Integration of qualitative and quantitative findings to identify consistencies, complementarities, and any discrepancies between the two data types.

Study tools:

Data Collection Methods

Quantitative Data Collection

Survey Questionnaire: A structured questionnaire distributed to participants to measure their SNS usage frequency, types of decisions made using SNS, perceived impacts on project management, and project outcomes.

Variables to Measure:

Frequency and purpose of SNS usage (for communication, collaboration, decision-making).

Types of decisions influenced by SNS (e.g., operational, strategic, and tactical).

Impact of SNS on project timelines, budget adherence, and risk management.

Tools: Online survey platforms (e.g., Google Forms or Qualtrics) to facilitate data collection.

Data Analysis: Use statistical software (e.g., SPSS or R) to conduct descriptive statistics, correlation analysis, and regression analysis to identify patterns and relationships.

Qualitative Data Collection

Semi-Structured Interviews: Conduct in-depth interviews with a subset of participants to explore their experiences and perceptions regarding the influence of SNS on decision-making and project management.

Sample Questions:

How has using social networking sites affected your decision-making process in “managing projects?”

Can you provide examples where SNS positively or negatively impacted your project “outcomes?”

Data Collection Technique: Interviews can be conducted face-to-face or through online video calls. Interviews should be recorded (with consent) and transcribed for analysis.

Data Analysis: Thematic analysis to identify recurring themes, insights, and patterns that reveal the nuanced ways in which SNS influences project management and decision-making processes.

Study limits:

Population and Sampling

Target Population: Project managers, team leaders, and key decision-makers involved in small projects in Riyadh. This group is selected for its direct involvement in decision-making and project management, making them primary users and beneficiaries of social networking sites in a project setting.

Sampling Method: A purposive sampling approach can be used to identify individuals and organizations that actively use social networking sites in their project activities. Stratified sampling may also be applied to ensure diversity across industries (e.g., technology, retail, construction).

Sample Size: A sample size of around 50-100 participants for quantitative analysis and approximately 1-5 participants for in-depth interviews should provide a reasonable balance between statistical power and depth of insight.

References:

1-Soltani, F., & Khaleghi, M. (2021). The impact of social media on organizational communication and project management effectiveness. *Journal of Organizational Studies*, 45(3), 411-426.

2-Choi, Y., & Lee, S. (2020). The role of social media in business decision-making. *Journal of Business Research*, 124, 345-352.

3-Dimitrov, N., & Patel, M. (2019). Social media tools in project management: Impact and challenges. *International Journal of Project Management*, 37(5), 623-635.