### Survey for the study on "Comparative Analysis of Project Management Methodologies: A Study among University Students"

Thank you for participating in this survey. Your input is valuable in understanding the awareness, usage, effectiveness, and challenges associated with various project management methodologies among university students. Your anonymity is guaranteed and your responses will be confidential!

\* Indicates required question

#### **Demographic Information**

These set of questions will help provide context to the survey responses and allow for analysis of how factors such as gender, age, academic level, and field of study may influence participants' perspectives on project management methodologies.

1. 1. Gender \*

Mark only one oval.

Male
 Female
 Other
 Prefer not to say

2. 2. Age \*

Mark only one oval.

Under 18
Under 18
18 to 26
27 to 35

- 35 43
- Over 43
- 3. 3. Academic Level: \*

Mark only one oval.

- Undergraduate student
- Graduate student (Master's)
- Graduate student (Ph.D. or equivalent)

#### 4. 4. Field of Study: \*

Mark only one oval.

$\bigcirc$	Engineering
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- Computer Science/IT
- Business/Management
- Social Sciences/Humanities

Natural Sciences
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- Arts/Design
- Health Sciences/Medicine
- Other:

5. 5. Year of Study \*

Mark only one oval.

First Year
 Second Year
 Third Year

- Fourth year or higher
- 6. 6. Are you currently involved in any extracurricular activities related to project \* management or leadership roles?

Mark only one oval.

\_\_\_\_ Yes

\_\_\_\_ No

7. 7. Nationality \*

### Awareness and Understanding

8. 8. How would you rate your overall familiarity with project management methodologies?

\*

Mark only one oval.



9. 9. Have you previously used any project management software or tools? \*

Mark only one oval.

Yes, extensively
 Yes, moderately
 Yes but only occasionally
 No, never

10. 10. Have you received formal education or training on project management \* methodologies during your university studies?

Mark only one oval.

$\bigcirc$	Yes
$\bigcirc$	No
$\bigcirc$	Maybe

11. 11. How do you measure the success of your university projects? (Select all that \* apply)

Check all that apply.

Timeliness of project completion	
Achievement of project goals	
Stakeholder satisfaction	
Budget adherence	

- Quality of deliverables
- Other:

12. 12. How do you prefer to learn about project management methodologies? \*

Mark only one oval.

Classroom lectures
Online courses or tutorials
Books or academic journals
Practical workshops or seminars
Other:

13. 13. Which of the following project management methodologies are you familiar \* with? (Select all that apply)

heck all that apply.
Waterfall
Agile (e.g., Scrum, Kanban)
Lean
Six Sigma
PRINCE2
Critical Path Method (CPM)
Other:

14. 14. Do you plan to pursue a career that involves project management? \*

Mark only one oval.

O Yes

\_\_\_\_ No

\_\_\_\_ Maybe

#### Usage of Project Management Methodologies

15. 15. How would you describe the level of involvement of your university instructors \* or mentors in guiding the use of project management methodologies in your projects?

Mark only one oval.

Very involved

- Moderately involved
- Slightly involved
- Not involved at all
- 16. Which of the following best describes the size of the project teams you
   typically work with in university projects?

Mark only one oval.

Small (2-5 members)	$\bigcirc$	Small	(2-5	members	)
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- Medium (6-10 members)
- Large (11-20 members)
- Very large (more than 20 members)
- 17. 17. How do you communicate and collaborate with team members in university \* projects?

Mark only one oval.

$\frown$		
$\bigcirc$	In-person	meetings

🔵 Email

- Instant messaging (e.g., Slack, Microsoft Teams)
- Project management tools
- Other:

18. 18. How often do you utilize project management methodologies in your university projects?

\*

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Mark only one oval.

Always
 Often
 Sometimes
 Rarely
 Never

19. 19. What factors influenced your decision to adopt project management methodologies in university projects?

#### Mark only one oval.

Faculty recommendation
Personal interest
Previous experience
Peer influence
Requirement of the project
Other:

## 20. 20. Which project management methodology is most commonly used in your \* university projects? (Select all that apply)

Check all that apply.

Waterfall	
Agile (e.g., Scrum, Kanban)	
Lean	
Six Sigma	
PRINCE2	
Critical Path Method (CPM)	
None of the above	
Other:	

# 21. 21. Indicate your personal preference for project management methodologies in \* university projects

Check all that apply.

Traditional/Waterfall methods	
Agile methods (e.g., Scrum, Kanban)	
Lean	
Six Sigma	
PRINCE2	
Critical Path Method (CPM)	
Other:	

22. 22. Rate the flexibility of agile project management methodologies compared to \* traditional/waterfall methodologies

Mark only one oval.

Very flexible
 Somewhat flexible

🔵 Neutral

Not flexible

🔵 I'm not sure

#### **Effectiveness and Challenges**

23. 23. How satisfied are you with the training and resources provided to support the \* implementation of project management methodologies in university projects?

Mark only one oval.



Very dissatisfied

24. 24. How effective do you find Agile project management methodologies (e.g., \* Scrum, Kanban) in improving project outcomes in university projects?

Mark only one oval.

Very effective
 Somewhat effective
 Neutral
 Somewhat ineffective
 Very ineffective

25. 25. What challenges do you face in implementing project management methodologies effectively in university projects? (Select all that apply)

\*

\*

Check all that apply.

Lack of awareness or understanding among team members	
Resistance to change from team members	
Insufficient training or resources	
Difficulty in adapting methodologies to project requirements	
Time constraints	
Other:	

26. Agile project management methodologies (e.g., Scrum, Kanban) have improved the adaptability and responsiveness of university projects to changing requirements and priorities.

Mark only one oval.

◯ St	rongly	disagree
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🕖 Disagree

🕖 Neutral

O Agree

Strongly agree

27. 27. The Waterfall project management methodology has been effective in ensuring thorough planning and documentation of project requirements in my university projects.

\*

Mark only one oval.

$\bigcirc$	Strongly disagree
$\bigcirc$	Disagree

- Neutral
- O Agree
- Strongly agree
- 28. What factors influence your choice of project management methodology for \* university projects? (Select all that apply)

Check all that apply.

Project requirements
Project complexity
Team size
Time constraints
Availability of resources (e.g., tools, training)
Instructor/mentor preference
Other:

29. 29. Do you believe there is a need for more project management training within \* your academic program?

Mark only one oval.

O Yes

\_\_\_\_ No

🔵 Maybe

30. 30. How likely are you to recommend the use of project management methodologies to your peers for their university projects?

Mark only one oval.

- Highly unlikely
- Unlikely
- Neutral
- \_\_\_\_\_ Likely
- Highly likely

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