CSE 6224 Software Requirements Engineering
Trimester 2510

Elicitation Plan

Project title:

Student Club Management System with Budget and Venue Integration

Tutorial Section: TT5L

Group Name: TT5L_G1

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1 Introduction

All elicitation activities defined in the Task 3 plan have been executed. This report records the raw data collected (Google-Form survey, Miro brainstorming board, and institutional documents), shows how each requirement was derived and categorised, and links each item to supporting evidence stored in the GitHub repository.

2 Elicitation Techniques Chosen & Rationale

Technique	Why We Chose It	Stakeholders Covered	Key Output
Online Survey (Google Forms)	Quickly reaches a broad student base and captures quantitative "how satisfied" scores that map directly into Kano rating scales.	General club members	290 complete responses; Likert scores for 18 features
Brainstorming Workshop (Miro)	Encourages rapid, creative idea generation and clustering; makes it easy to tag ideas as Dissatisfiers/Satisfiers/Delighters in real-time.	Internal project team	13 sticky notes mapped to Kano categories
Document Analysis	Reveals non-negotiable policy constraints and standard operating procedures—essential for flagging Dissatisfiers that must be met for compliance.	Institutional documents (Manual Pelaksanaan, Panduan Tuntutan)	Annotated PDFs highlighting 8 mandatory requirements

2.1 Kano Model Overview & Its Role in Prioritisation

The Kano Model classifies features into three satisfaction categories:

- Dissatisfiers (Musthave): Baseline capabilities that users take for granted. If missing, they trigger immediate rejection of the system (e.g., secure login, policy mandated budget approval).

- Satisfiers (Performance): Features whose quality or efficiency proportionally increases user satisfaction. The better we implement them, the happier the users (e.g., real-time budget updates, searchable venue database).

- Delighters (Exciters): Unexpected features that surprise and delight users, creating enthusiasm without being strictly required (e.g., AI venue suggestions, gamified badges).

Using Kano in this project:

1. Secures compliance first: Dissatisfiers identified via policy documents are implemented before anything else.

2. Optimises effort: Satisfiers receive resources proportional to their measured impact in survey scores and brainstorm votes.

3. Encourages innovation: Delighters are pursued only after Must-haves are locked in, protecting scope while still offering "wow" moments that drive adoption.

Thus, Kano provides a transparent, evidence backed roadmap for what to build now, enhance later, or place in a future release.

3 Elicitation Activities Completed

#	Activity	Method	Date	Participants	Evidence Location
1	Google Form survey ("Student Club Managem	Online survey	3 May 2025	290 club members	/Elicitation/Raw/Surveys/SurveyResponses.csv

	ent System")				
2	Internal brainstorming session	Miro board	5 May 2025	4 project-team members	/Elicitation/Raw/Brainstorm/Brainstorm_May05.png
3	Policy & form review	Document analysis	6 May 2025	Document analyst	/Elicitation/Docs/Manual_Pelaksanaan_Notes.pdf

4 Raw Data & Supporting Evidence

Artefact	File Name	Path in Repo
Survey raw CSV	SurveyResponses.csv	/Elicitation/Raw/Surveys/
Survey pivot-chart summary	SurveySummary.xlsx	/Elicitation/Processed/
Miro board screenshot	Brainstorm_May05.png	/Elicitation/Raw/Brainstorm/
Annotated "Manual Pelaksanaan" PDF	Manual_Pelaksanaan_Notes.pdf	/Elicitation/Docs/
Annotated "Panduan Tuntutan Kewangan" PDF	Panduan_Tuntutan_Notes.pdf	/Elicitation/Docs/

5 Requirement Extraction Worksheet – Sample Rows

Req ID	Requirement	Source ID*	Key Finding
REG-001	Secure online club registration	S-Q1	58.6 % "Very satisfied" if present

REG-002	Secure login authentication	S-Q2	58.6 % "Very satisfied"
EVENT-003	Leaders can create events online	S-Q3	65.5 % "Very satisfied"
BUD-004	Leaders can view & track budget	S-Q4	53.1 % "Very satisfied"
NOTIF-005	Automatic approval / rejection emails	S-Q5	60 % "Very satisfied"
VEN-006	Searchable venue database	S-Q9	73.8 % "Very satisfied"
DASH-015	Personal dashboard (events, graphs)	S-Q13 & B-Card#4	73.8 % "Very satisfied"

*Source ID key: S-Qx = Survey question, B-Card#y = Miro sticky-note.

6 Final Kano Classification

The complete table (26 rows) with updated percentages and document links resides in Elicitation/TT5L_G1_KanoModel.docx. Every requirement row now shows:

- Source (S, B, D) + evidence link (CSV row, Miro sticker, or PDF page).

- Final Kano category confirmed by the team on 8 May 2025.

7 Conclusion

All planned elicitation techniques were executed successfully. Raw artefacts are version-controlled in GitHub, and every requirement now has traceable evidence and a Kano category. This validated requirement set forms a robust foundation for the Software Requirements Specification (Task 5).

Appendix A – Google-Form Survey Instrument

Response scale used in all questions:

1 = "I would be very dissatisfied"

2 = "I would be dissatisfied"

3 = "I would be neutral"

4 = "I would be satisfied"

5 = "I would be very satisfied"

Q-ID	Kano Section	Question Text (verbatim)	Question Type	Response Scale
Q1	Dissatisfier	*How would you feel if the system provides secure online club registration?*	5-point Likert	1 – 5
Q2	Dissatisfier	*How would you feel if login authentication is secure and reliable?*	5-point Likert	1 – 5
Q3	Dissatisfier	*How would you feel if club leaders can create new events online?*	5-point Likert	1 – 5
Q4	Dissatisfier	*How would you feel if club leaders can view and track club budget balances?*	5-point Likert	1 – 5
Q5	Dissatisfier	*How would you feel if the system sends automatic notifications for approvals, rejections, or updates?*	5-point Likert	1 – 5
Q6	Dissatisfier	*The addition of Accessibility features such as colour contrast, highlighted text, etc.*	5-point Likert	1 – 5
Q7	Satisfier	*How would you feel if the event-creation process is efficient and guided (wizard)?*	5-point Likert	1 – 5
Q8	Satisfier	*How would you feel if the system provides real-time updates on budget spending?*	5-point Likert	1 – 5

Q9	Satisfier	*How would you feel if there is a searchable venue database (location, size, availability)?*	5-point Likert	1 – 5
Q10	Satisfier	*How would you feel if you can RSVP to register for events easily?*	5-point Likert	1 – 5
Q11	Satisfier	*How would you feel if you can export club financial data to CSV files?*	5-point Likert	1 – 5
Q12	Satisfier	*How would you feel if interested students can apply to join a club online?*	5-point Likert	1 – 5
Q13	Delighter	*How would you feel if you have a personal dashboard showing upcoming events, budget graphs, and reminders?*	5-point Likert	1 – 5
Q14	Delighter	*How would you feel if you receive mobile push notifications for critical updates?*	5-point Likert	1 – 5
Q15	Delighter	*How would you feel if the system sends reminder alerts before your "interested" events?*	5-point Likert	1 – 5
Q16	Delighter	*How would you feel if the system recommends clubs that might interest you?*	5-point Likert	1 – 5
Q17	Delighter	*A section to highlight trending clubs.*	5-point Likert	1 – 5
Q18	Delighter	*The ability for club members to message each other.*	5-point Likert	1 – 5
Q19	Delighter	*How would you feel about getting points/awards (badges/titles) for participating in club events?*	5-point Likert	1 – 5

File Reference

The raw CSV of these responses is stored at /Elicitation/Raw/Surveys/SurveyResponses.csv.