

**TRIMESTER March/April, 2025**

**CSE6224 Software Requirements Engineering**

**PROJECT 1**

**Campus Accessibility Navigation System with Facilities and Event Integration**

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| Name | Student ID | Course |
| Chia Kok Ang | 242UC24423 | Bachelor of Computer Science |
| Wang Kuang Wei | 242UC2451W | Bachelor of Computer Science |
| Sim Boon Xun | 242UC2451H | Bachelor of Computer Science |
| Hong Chia Qian | 1211107977 | Bachelor of Computer Science |

**Table of Content**

[**1.** **Team Member Contributions** 2](#_Toc198671629)

[**1.1.** **Group Leader: SIM BOON XUN** 2](#_Toc198671630)

[● Role and Responsibilities: 2](#_Toc198671631)

[● Key Contributions: 2](#_Toc198671632)

[**1.2.** **Team Member: [Member Name]** 3](#_Toc198671633)

[● Role and Responsibilities: 3](#_Toc198671634)

[● Key Contributions: 3](#_Toc198671635)

[**1.3.** **Team Member: [Member Name]** 3](#_Toc198671636)

[● Role and Responsibilities: 3](#_Toc198671637)

[● Key Contributions: 3](#_Toc198671638)

[**1.4.** **Team Member: Hong Chia Qian** 3](#_Toc198671639)

[● Role and Responsibilities: 3](#_Toc198671640)

[● Key Contributions: 3](#_Toc198671641)

[**2.** **Communication and Collaboration Tools** 5](#_Toc198671642)

[**2.1.** **Primary Communication Tool:** 5](#_Toc198671643)

[**2.2.** **Version Control:** 5](#_Toc198671644)

[**2.3.** **Documentation Tool:** 5](#_Toc198671645)

[**3.** **Challenges and Solutions** 5](#_Toc198671646)

[**3.1.** **Ensuring consistent contribution from all members.** 5](#_Toc198671647)

[**3.2.** **Integrating inputs from multiple sources into a single document.** 5](#_Toc198671648)

[**3.3.** **Maintaining consistency across SRS sections.** 5](#_Toc198671649)

[**4.** **Acknowledgements** 6](#_Toc198671650)

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# **Team Member Contributions**

## **Group Leader: SIM BOON XUN**

### Role and Responsibilities:

* + Ensure all members participate actively and understand their individual responsibilities.
  + Coordinate the project timeline and schedule regular meetings to track progress.
  + Oversee the progress of all project components and intervene when issues arise.
  + Assign tasks to members according to the project needs.
  + Finalize and submit the completed project document according to the deadline.
  + Lead the drafting of the Context Objects and Requirements Sources section.
  + Structure and guide the development of the Software Requirements Specification (SRS).
  + Draft major sections of the SRS according to ISO/IEC/IEEE 29148:2018 standards.
  + Conduct reviews and revisions to ensure clarity, consistency, and completeness of all written content.
  + Manage version control using GitHub and maintain document integrity throughout the project.

### Key Contributions:

* + Played a key role in setting the direction and vision of the system under development.
  + Took initiative to research and understand requirement engineering concepts in-depth to guide the group.
  + Wrote a significant portion of the report content based on lecture guidelines and elicited data.
  + Proposed most of the questions and concepts discussed with the tutor to clarify project components.
  + Provided support to teammates when they encountered difficulty understanding requirements tasks.
  + Maintained high documentation standards across the report such as formatting, consistency, alignment with ISO standards.
  + Coordinated the elicitation planning and guided members in applying the Kano model effectively.
  + Actively monitored and updated the GitHub repository to reflect latest versions and edits.

## **Team Member: [Member Name]**

### Role and Responsibilities:

### Key Contributions:

## **Team Member: [Member Name]**

### Role and Responsibilities:

### Key Contributions:

## **Team Member: Hong Chia Qian**

### Role and Responsibilities:

### Key Contributions:

|  |  |
| --- | --- |
| Role and Responsibilities: | Key Contributions: |
| * Contribute to elicitation techniques using the Kano model. * Assist in categorizing requirements during elicitation. * Assist with diagrams and flowcharts in the document. * Execute elicitation sessions and compile findings. * Document categorized requirements according to the Kano model. | * Compiled and reviewed project documentation. * Provided guidance on requirements elicitation techniques. * Identified relevant context objects (e.g., user roles, system components). * Analyzed data sources for requirements collection. * Documented requirements based on elicitation sessions. * Designed use case diagrams and data flow diagrams. * Validated the requirements for ambiguity and completeness. * Conducted stakeholder interviews and feedback sessions. * Recorded elicitation findings and categorized them. |

# **Communication and Collaboration Tools**

## **Primary Communication Tool:**

Microsoft Teams, In-person

## **Version Control:**

GitHub Repository

## **Documentation Tool:**

Microsoft Word, Google Docs, Google Form

# **Challenges and Solutions**

## **Ensuring consistent contribution from all members.**

* Group leader scheduled regular meetings and check-ins.

## **Integrating inputs from multiple sources into a single document.**

* Used shared Word documents on GitHub for real-time editing.

## **Maintaining consistency across SRS sections.**

* Followed a standardized template and conducted peer reviews.

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# **Acknowledgements**

We would like to thank our tutor and peers for the continuous support and guidance throughout the project.