

**TRIMESTER March/April, 2025**

**CSE6224 Software Requirements Engineering**

**PROJECT 1**

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

| Name | Student ID | Course |
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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: Chia Kok Ang**

### Role and Responsibilities

### Key Contributions

## **Team Member: Wang Kuang Wei**

### Role and Responsibilities

* + Helped plan and perform surveys and interviews to obtain stakeholder requirements.
  + Contributed to documenting elicitation findings and keeping proper records.
  + Collaborated with group members to organise and compile project documentation.
  + Helped to guarantee uniformity and clarity in the requirements specification document.
  + Participated in review sessions to enhance the quality of elicited requirements and project deliverables.

### Key Contributions

* + Actively participated in the execution and documentation of survey and interview sessions.
  + Helped to draft and modify documentation to satisfy academic requirements.
  + Supported the team’s version control and collaborative document editing.

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

### **Role and Responsibilities**

* + Assisted in planning and conducting surveys and interviews to gather stakeholder requirements.
  + Contributed to documenting elicitation findings and maintaining accurate records.
  + Supported prototyping activities by providing feedback and helping refine the interface design.
  + Collaborated with team members to organize and compile project documentation.
  + Helped ensure consistency and clarity in the requirements specification document.
  + Participated in review sessions to improve the quality of elicited requirements and overall project deliverables.

### **Key Contributions**

* + Played an active role in executing and documenting survey and interview sessions.
  + Helped collect and organize data from stakeholders for analysis and requirement classification.
  + Provided valuable feedback during prototyping to improve usability and functionality.
  + Assisted in drafting and editing documentation to meet academic standards.
  + Supported the team in maintaining version control and collaborative editing of documents.

# **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.

## **Coordinating across different schedules and availability**

* Employed asynchronous communication tools like Microsoft Teams and Whatsapp for updates, while scheduling meetings in advance to maximize member participation.

# **Acknowledgements**

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