

**CSE6224 SOFTWARE REQUIREMENTS ENGINEERING**

**Team Formation Documentation**

By TT2L Group F

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# **Team Overview**

The development team for the Campus Ride-Sharing Platform with Parking System Integration comprises multidisciplinary members, each assigned to a specific functional domain to ensure an efficient software development process. The team includes roles such as Project Manager, Solution Architect, UX Designer, Software Engineer, Technical Support and Quality Assurance Engineer. Each role is clearly defined to avoid overlap, encourage ownership, and enhance accountability.

The team is structured to support an Agile development methodology, promoting continuous delivery, rapid iteration, and close stakeholder engagement. The team conducts regular sprint planning, stand-up meetings, and reviews to ensure clear communication and responsiveness to change.

Members collaborate using a shared set of tools for version control, design, documentation, and task tracking. This integration supports traceability of requirements, efficient code reviews, and synchronized testing activities. Moreover, the team maintains a strong emphasis on user-centered design, integrating user feedback into the development lifecycle to ensure the platform is both functional and intuitive.

The team also coordinates with external stakeholders such as university parking administrators, student representatives, and IT services to ensure the system integrates smoothly with existing infrastructure like the Parking Management System.

# **2.0 Team Members and Roles**

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| **Name** | **Role** | **Responsibilities** |
| Wee Jia Sheen | Product Manager, Solution Architect | Oversees the project schedule, coordinates meetings, ensures timely delivery.  Designing the overall technical solution that meets both the functional and non-functional requirements of a system. |
| Chia Kai Jun | Requirement Engineer | Gathers system requirements, defines system architecture, prepares documentation. |
| Yap Wei Jian | UX Designer, Technical Support | Designs user interfaces, conducts usability testing, ensures a user-centered design. |
| Tang Zhi Qian | Software Engineer,  Quality Assurance Engineer | Requirements analysis, system design, code and implementation, testing, deployment |

# **3.0 Communication Tools**

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| **Tools** | **Purpose** |
| WhatsApp | Primary Communication Channel for messaging |
| Microsoft Team | Primary Communication Channel for meeting |
| Draw.io | Tools that allow draw diagram in real-time |
| Microsoft Doc | Tools that allow team to document in real-time |
| Github | Update all related files/ commits |