

**TRIMESTER March/April, 2025**

**CSE 6224 …. Software Requirement Engineering**

**PROJECT 1**

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

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# Introduction

## Purpose

The purpose of this document is to specify the software requirements for the Campus Accessibility Navigation System at Multimedia University (MMU) Cyberjaya campus. This system will allow students, visitors, and lecturers to easily find and plan barrier-free routes across campus, considering real-time updates about facilities and events, and redirecting users to Google Maps for navigation guidance.

## Scope

The system is a web-based platform that integrates MMU’s Facilities Management Database and Events Calendar. It will present accessible campus routes, update users about temporary obstacles like construction zones or event setups, and allow users to open navigation routes using Google Maps.

## Product overview

### Product perspective

### Product functions

### User characteristics

### Limitations

## Definitions

# References

## …

# Requirement

## Functions

## Performance requirements

## Usability requirements

## Interface requirements

## Logical database requirements

## Design constraints

## Software system attributes

## Supporting information

# Verification

## [Parallel to subsection in Section 3]

# 

# Appendices

## Assumptions and dependencies

## Acronyms and abbreviations