



# **College of Engineering**

## **Department of Software Engineering**

Software Configuration Management (SWE5103)

Requirement Specification

Student Login Module, Version: 1.0, Date: Dec. 28, 2025

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## 1. Functional Requirements

- **REQ-01 (Authentication):** The system shall provide a login page requiring a username and password.
- **REQ-02 (Validation):** The system shall deny access to users with invalid credentials.
- **REQ-03 (Dashboard):** Upon successful login, the user shall be redirected to a main dashboard page.
- **REQ-04 (Module List):** The dashboard shall display a list of available student modules.

## 2. Non-Functional Requirements

- **NFR-01 (Interface):** The UI shall use Material UI (MUI) components for a consistent design.
- **NFR-02 (Database):** User credentials shall be stored using a Prisma-compatible database schema.