Weekly Report 2

Report Period: 16 – 24 Dec 2025
Prepared By: 24 Dec 2025
Reporter and Team Lead: Ang Panha

Summary:

We finished the first CRUD milestone, refactored security files from the previous report and handled request errors.

Task / Objective / Achievement:

Task	Assignee	Status	Integrated
CRUD Milestone #1	Chi Savmoeng	Done	Done
Security Refactoration	Et Anchhy	Done	Done
Security Refactoration 2 and Templates	Et Anchhy	Done	Done
Error Page Controller	Chhon Pheakdey	Done	Done
Course Input Validation	Chhum Panha	In Progress	Waiting

Details

Note: `root` is at `'src/main/java/edu/itc/enrollment_scheduling_system/'`. All paths mentioned below will be relative to this source root. The only exception is template paths; they are at: `src/main/resources/templates/`.

- **CRUD Milestone #1** (By Chi Savmoeng):
    - Initialized student and teacher role in `config/DataInitializer.java`
    - Initialized sample courses in `config/DataInitializer.java`
    - Permitted `/register` to all users
    - Populates the `Course` entity with fields, constructors, getters and setters in `model/Course.java`
    - Populates the `Enrollment` entity with fields, constructors, getters and setters in `model/Enrollment.java`

- - Added `repository/CourseRepository.java`
  - Added `repository/EnrollmentRepository.java`
  - Implemented `service/EnrollmentService.java` for enrollment services such as viewing courses & enrollments, enrolling, and dropping enrollments.
  - Implemented `controller/StudentController.java` for handling endpoints for students
  - Added `course-enrollment.html` template
  - Modified `student-dashboard.html` template
- **Security Refactoration** (By Et Anchhy): moved misplaced files into their respective folders. `Issue #16`
- **Security Refactoration 2 and Templates** (By Et Anchhy):
  - Increased cost factor from the default 10 to 12 for the `BcryptPasswordEncoder`
  - Permitted error pages and page icons to all users
  - Fixed logout issue: clear authentication on logout
  - Managed sessions with cross-site request forgery (`csrf`)
  - Denied remember-me call for denied accesses
  - Refactored the registration service
  - Restyled templates: login page, register page
  - Added logout option in all dashboard templates.
- **Error Page Controller** (By Chhon Pheakdey): Implemented `MyErrorController.java` for handling request errors.