UniX Student Course Enrolment Platform

Sprint One Requirements and Wireframes

1. System Overview

A student logs into the UniX system through any browser. Once inside, they pick a term that is currently open for registration. Available classes show up based on their program. Choosing one leads to confirmation of enrolment. The whole process runs online without paper forms.

The system enforces university business rules including:

- Maximum enrolment load (40 units per semester)
- Prerequisite enforcement
- Assumed knowledge warnings
- Course capacity limits

2. Stakeholders

- Students (Primary)
- University Admin
- Academic Staff
- IT Support Team

3. Functional Requirements

FR1: Logging into the system happens through a student ID paired with a password. Access begins once both pieces are entered correctly. Each user needs their own set of credentials.

FR2: Logging into the system requires correct details. Only matching information allows access. Wrong entries block entry completely.

FR3: If someone tries logging in wrong, the screen shows a notice. When details do not match, a warning pops up instead of access.

FR4: The system shall display open semesters.

FR5: A single semester must be chosen by the student for registration purposes.

FR6: When a semester gets picked, every course available shows up. Picking a term triggers the list of classes to appear right after

FR7: The system shall display course code, name, units, capacity, and prerequisites.

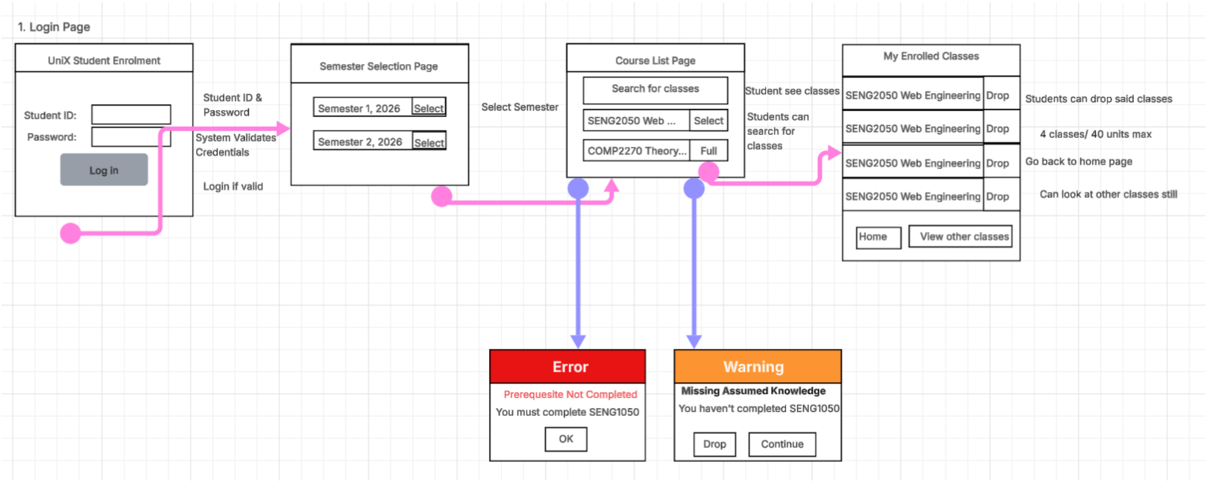
FR8: The system will show if a course is FULL.

4. Business Rules

BR1 A single term limits a student to forty units at most.
BR2 When a student misses the assumed knowledge classes, a notice pops up, they can still sign up.
BR3 Without finishing the prerequisite classes, a student is blocked from joining a course.
BR4 When a class fills up, enrolment closes for said class.

5. Nonfunctional Requirements

1. Every time someone uses the system, it should be very responsive.
2. Access to the system works through constantly updating web browsers like Chrome, along with Edge or Firefox.
3. Users' credentials are hashed, encrypted and stored in its own database.
4. Users must have 2 factor authentication working and is only bypassed when using university Wi-Fi.
5. The system should be a clear and user-friendly interface.



Student ID & Password

System Validates Credentials

Login if valid

Select Semester

Student see classes

Students can search for classes

Students can drop said classes

4 classes/ 40 units max

Go back to home page

Can look at other classes still