

## CS418/518 Project – Milestone 2

In this milestone, you will build the course advising functionality.

### *Functionality for Admin Portal:*

1. Design and create the prerequisite form for admin, displaying courses from levels 100 to 499 with fields: Level, Course, Enable/Disable
2. Update database based on the admin's selection of prerequisites.

### *Functionality for Student Portal:*

3. Implement an **Advising** menu accessible upon student login.
4. Design and create the **“Course Advising History”** form to display previously submitted records or indicate no records. Records will show in the list. You must show the below columns

Date	Term	Status
02/15/2024	Fall 2024	Pending
10/15/2023	Summer 2024	Approved
10/03/2023	Summer 2024	Rejected

5. Develop a form for creating new **“Course Advising”** form with *three* sections: *History, prerequisites, and course plan*.
6. Implement the *History* section with fields: Last Term, Last GPA, Advising Term.
7. Enable dynamic addition of rows for *prerequisites* section with fields: Level, Course Name. (both fields will be dropdown)
8. Enable dynamic addition of rows for the *course section* with fields: Level, Course Name. (both fields will be dropdown)
9. Implement **rules** for course selection, preventing the addition of courses previously taken in the previous terms.
10. Implement functionality to save new entries so that newly created records are displayed in the '*Course Advising History*' form with a Pending status.
11. When a user clicks on any record displayed in **point 4**, they should be redirected to the Course Advising form with the selected record pre-populated. Additionally, if the status of the record is 'approved' or 'rejected,' the record should be frozen and not editable. If the status is 'pending,' the user can make changes and save the record.
12. Deploy your Frontend, Backend and Database on server and your demo should be demonstrate from live server. (For milestone 2 and milestone 3).

### Submission

Refer to the demo and the report deadlines on Canvas.