



VSB_Plus

ENSE 477 Scurm #1
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What we are going to achieve

Help the user to organize and build up their time table wisely. The purpose is to help the student make a further view of their academic years, better plan, and graduate smoothly.



Who is our user

This project will be focused on the students, to build up their classes schedule. The professors and advisors of different faculties are our secondary user. After scrum #3 of ENSE 400, we narrow down our user to students of engineering faculty because of lack of help from IT-support. So that we can make sure the MVP works get done on time and can be expanded to professors and other faculties if applicable.



What we have done now

Academic schedule builder page

This page has different view modes, this will help users visualize course info and have a better understanding of the course system.

- Default schedule:
Showing the schedule that university provided.
- Recommended Schedule:
For viewing only, we will recommend courses according to the class they have already taken.
- Courses completed:
Showing all completed class
- Courses need to take:
For viewing only, show what course left



What we have done now

- Semester schedule builder page
 - Term selector:
 - Select term (current & next)
 - Course added box:
 - Drag and drop the course icon from bottom to the calendar.
 - Course info:
 - A course general info for user to viewing
 - Weekly Schedule & Exam Date:
 - A visualized timetable
 - Tip boxes:
 - What courses to choose and already chosen



What we have done now

- Course list database page:
 - Choose faculty:
Faculty filter
 - Course card:
Course info in a card for a better view
- Course detail info:
All info from course database



In this scrum:

Build our database:

We are using python web crawler to get needed course information from UofR website and use it to generate our own database.

Server setup:

Finally we decide to use Amazon Ec2 server

Role-based accessibility for each page:

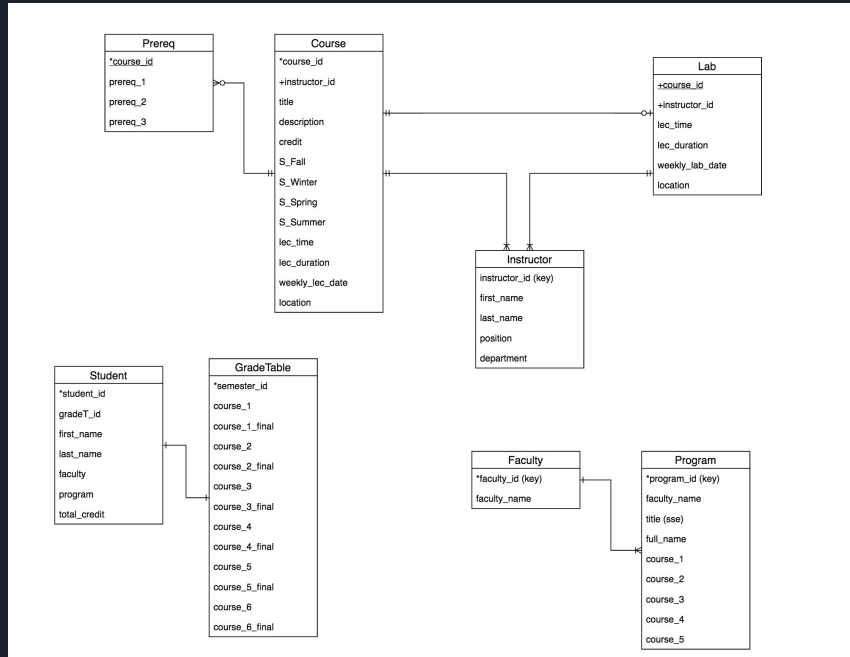
Distinguish the logged user and not logged user.

Integrate a third-party calendar into our semester builder.

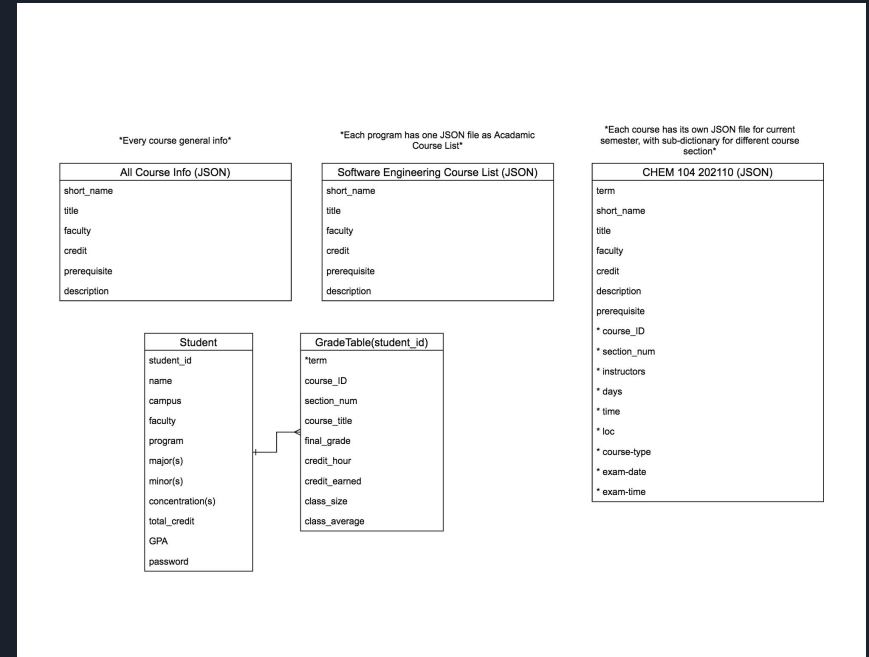
database link:

<http://15.223.123.122/phpMyAdmin>

In this scrum: Database Diagram:



DB 1.0



DB 2.0

Next Step

1. Completing all the pages
2. Data visualization
3. Database connection
4. PHP coding

Collect the course data from the UofR website Build up the database with course detail Setup the web server	Jan 11 2021 (Start of semester)
Improve the web page functions, make the web work appropriately. Build the connection between the page view and database model. Data visualization	Jan 21 2021 (Scrum #4)
Make the Vlog about project progress Start to code test and user test	Feb 4 2021 (Vlog #4)
Code/ User testing	Feb 25 2021 (Project bazaar day)
Project poster	Mar 4 2021 (Scrum #5)
Customer help/ user training (User Document)	Mar 18 2021 (Vlog #5)
Code quality review report Project experience report	Apr 1 2021 (Scrum #6)
	Apr 8 2021 (Vlog #6)
Project day	Apr 10 2021 (Project day)



Group reflection

Do you feel you are on track?

- Yes, so far.

Do you feel there are barriers to your success (if any)?

- May need to redesign some page.

Do you need any help going forward?

- Some help for page design



Reference

- VSB_Plus Github Repository