ENSE 477 VlogProject #5

Team Name: VSB_Plus

Team Members: Xia Hua, Xinyu Liu, Jingkang Yang, Priscilla Chua

Due: Mar 18, 2021

Team member (re)introductions

| Project Charter | | |
|-----------------|--|--|
| Project Name | Visual Schedule Builder Plus(VSB_Plus) | |
| Business Case | For the creation of the Visual Schedule Builder to a better user-friendly design website(VSB_Plus), it will help the users to organize and plan out their time table wisely. In addition, it is also to benefit advisors with their work, less effort on the unnecessary work and more focus on the most important things. | |
| Team Members | | |
| Name | Role | Responsibilities(Current) |
| Xia Hua | Code developer | - academic builder page(main focus) - academic default page(secondary) |
| Xinyu Liu | Scrum Master | - course database page - code testing |
| Jingkang Yang | Code developer | - semester builder page |
| Priscilla Chua | Business Analysis | - academic default page(main focus) - academic builder page(secondary) - Documentation |

Brief project blurb

The improving design of the Visual Schedule Builder into a better user-friendly website, that will help the users to organize and plan out their time table wisely. As making a website to an interactive course schedule builder, with the advising system of the courses to take, and the course detail visualization that can assist the students to layout the desired course schedule with nicer time arrangement. Plus, to assist the advisor with their work, save up time on the unnecessary things and concentrate more on the important ones.

Scrum dates

This scrum,

the start date is March 4, 2021. end date at the week of March 17, 2021.

Status description

The project's overall status is yellow-green, which we now can see our project work is going back on track. Our MVP is done, but will need a little bit touch on the code refactoring and maybe some new functions. We will continue to update Kanban for progress monitoring on GitHub

- Xia Hua(yellow-green) more test and debug needed to do for the web pages
- Xinyu Liu(yellow) still working on the test phase
- Jingkang Yang(green) have finished the prerequisites algorithm and the implementation
- Priscilla Chua(yellow-green) working on the elective courses refactoring

For this scrum,

- Xia Hua finishing the academic builder page
- Xinyu Liu the building up of automated testing framework, and the adding of the basic test cases
- Jingkang Yang done the mobile views for all web pages, add on another input method, and the display out of registration status
- Priscilla Chua working on the academic default page, and the document report

For next scrum,

- Xia Hua doing the code testing, debug, and refactoring
- Xinyu Liu the adding of the test cases for new features, and writing the test documents
- Jingkang Yang work on the code refactoring, and the poster design for project
- Priscilla Chua focus on academic default page of electives section, that to do the sorting of elective courses by their course name

Some meeting comments for the previous scrum/meeting time,

1) the managing of our work item list:

- the redesign on project kanban, as adding the priority labels
- create the sprint-9 kanban to focus on to-do-list
- GitHub demo

2) prerequisites are a necessary work item; what things happen if I pick a class that needs prerequisites I don't have:

- will output an alert message box to show the class registration status

3) consideration a mobile view for our project:

- have redesigned the layout of our project web pages to make it fit to show for the mobile view
- however, there is one page will not be working with the touch screen

4) diving into Docker:

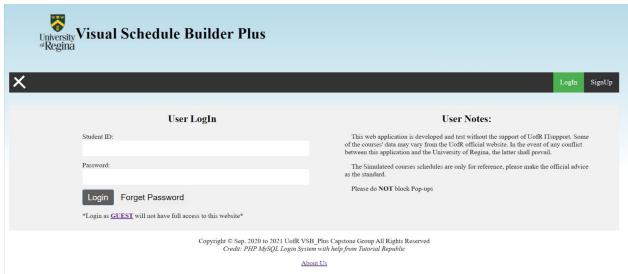
- decided not to use Docker for the setup test environment
- the test framework will be good enough to do the testing for our website pages

Project news

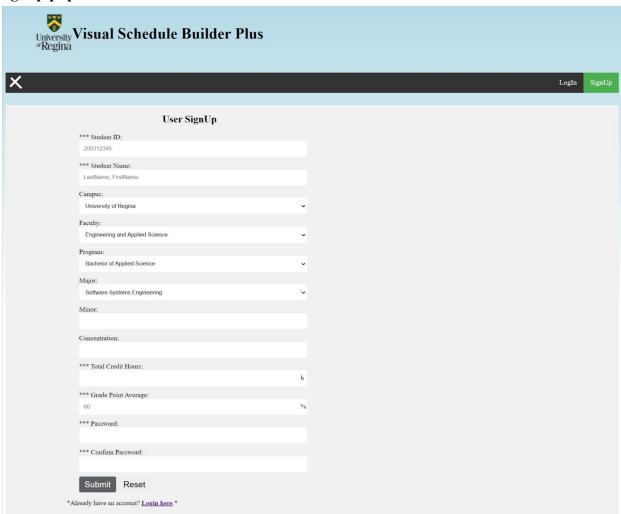
The MVP of our project is done, and the testing is in progress.

Project demo

login.php



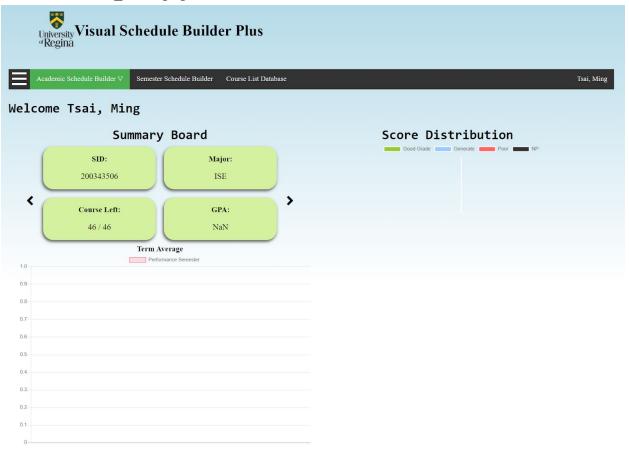
signup.php



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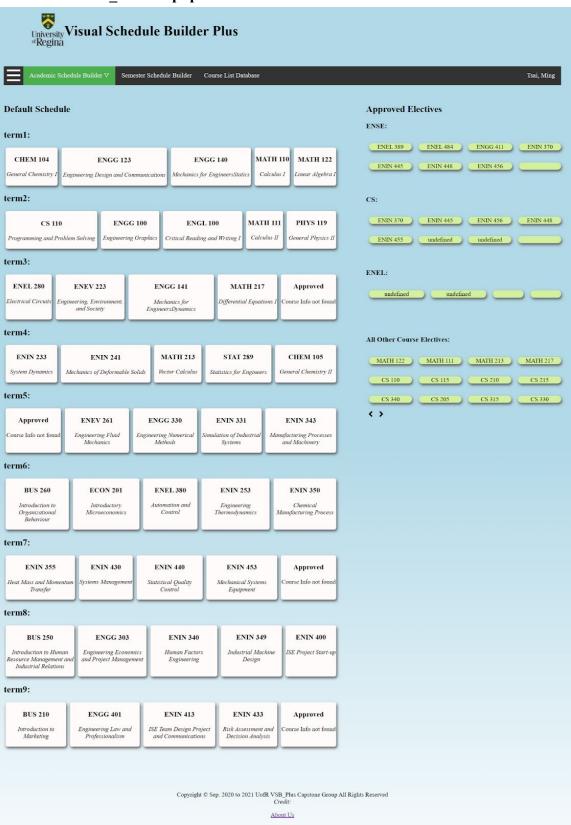
academicBuilder_Main.php



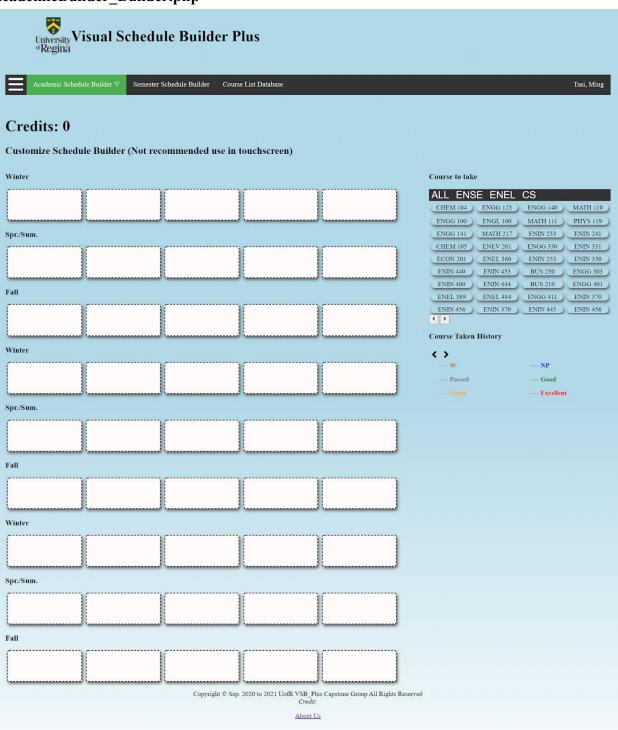
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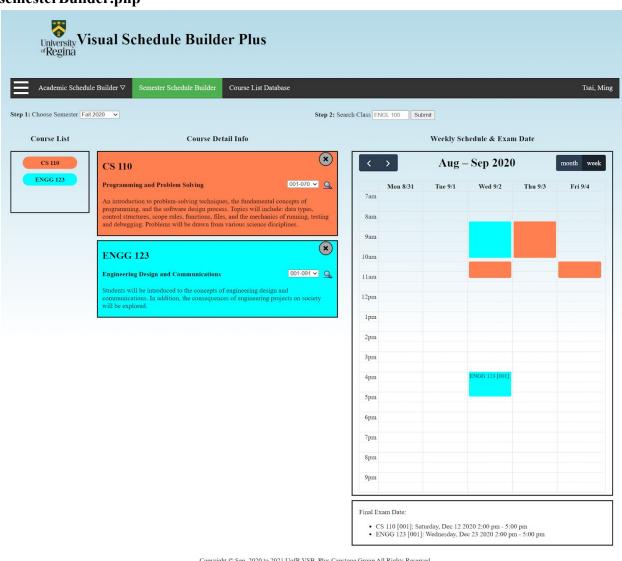
academicBuilder_Default.php



academicBuilder_Builder.php



semesterBuilder.php

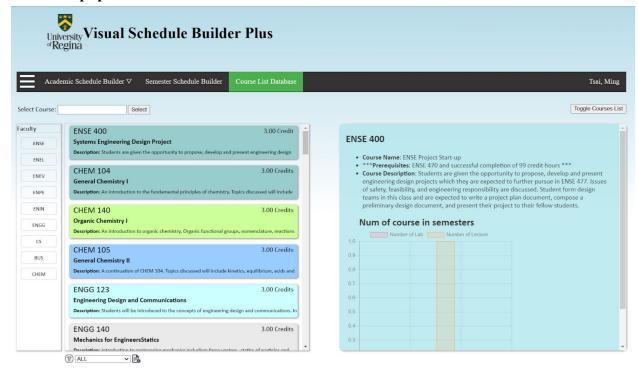


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Credit: Calendar source code from fullcalendar to version 5.5.1
Fullcalendar tutorial: Youtube video "JS To-do List #14 FullCalendar - Rendering a Calendar with JavaScript"
Note:

About Us API Test Test CLICK



courseDB.php



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Next up

To do the code debugging and refactoring, the complement of testing jobs, and lastly working on a better performance for the mobile device.

And the overall work for each member,

- ★ Xia Hua:
 - o doing the code testing, debug, and refactoring
- ★ Xinyu Liu:
 - o adding the test cases for new features
 - writing the test documents
- ★ Jingkang Yang:
 - o work on the code refactoring
 - poster design for project
- ★ Priscilla Chua:
 - the academic default page of electives section, that to do the sorting of elective courses by their course name

Team reflection

As a team, we feel that we are on track as we finished our MVP no.1 for the project, and are almost done with the test. Our barriers to success are lack of design and coding experience, and UI design is only usable. Lastly, we don't see that we need any help so far.