VSB_Plus

Vlog #2 Xia, Xinyu, Jingkang, Priscilla Nov 15 2020

Project deats

What are we doing

- An upgraded version of the Visual Schedule Builder to help user (students) to organize and build up the course schedule table wisely.

Gaps we are filling:

- 1. Interactive course schedule builder
- 2. Course advising system
- 3. Course detail visualization

Innovation to the world

 A web application that allow to build the desired course schedule with better time planning.

Project & documentation review

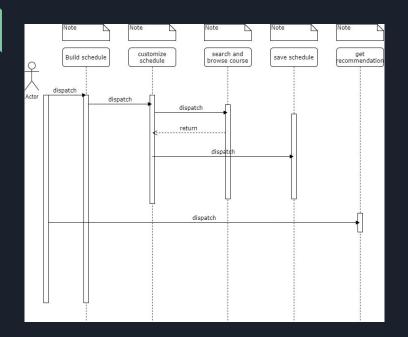
What we have done:

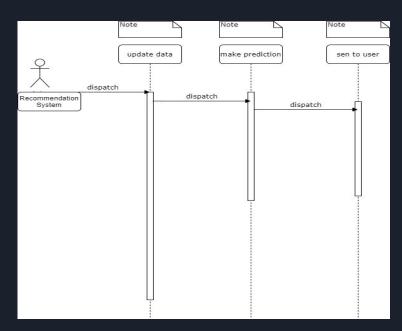
- 1. Construct a Hi-Fi prototype
- 2. UML diagrams for the web architecture
- 3. Look up the server and set it up.
- 4. Coding the frontend

Demonstration:

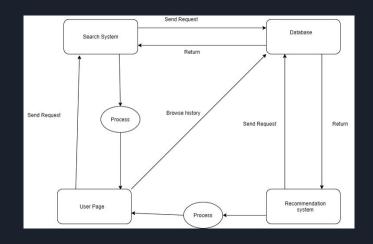
- 1. UML Diagrams
- 2. Hi-Fi prototype
- 3. Basic frontend pages

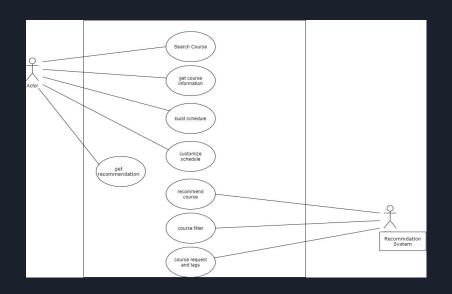
Diagrams





Diagrams

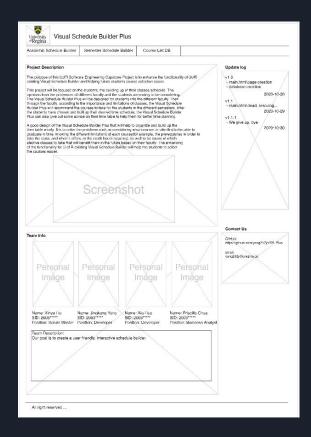




Data flow

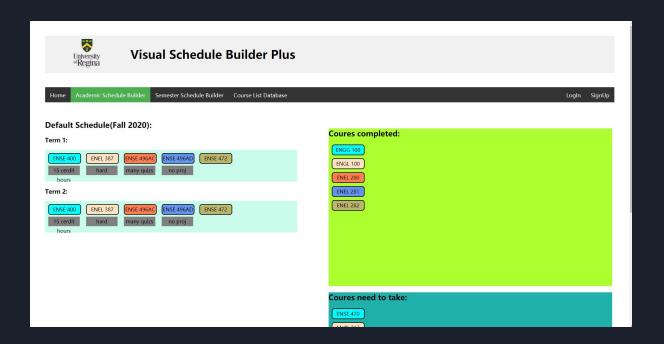
User-case diagram

Prototypes (Hi-fidelity)

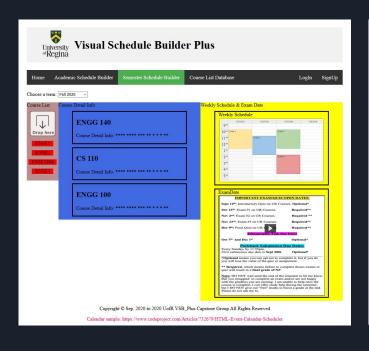




Webpage Demo (academicBuilder.html)

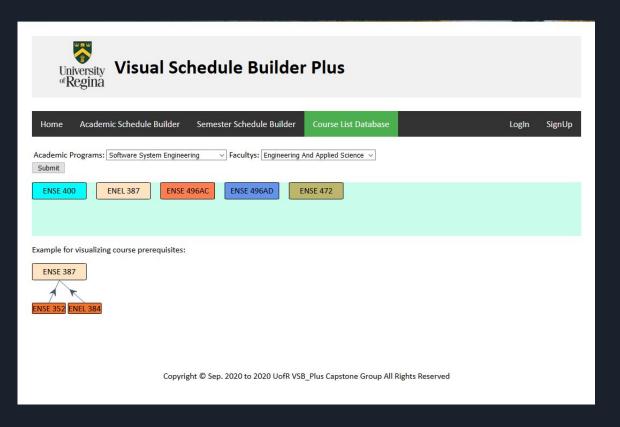


Webpage Demo (semesterBuilder.html)



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Calendar sample: https://www.codeproject.com/Articl	
Courses Completed:	Courses To Take:
	ENSE

Webpage Demo (courseDB.html)

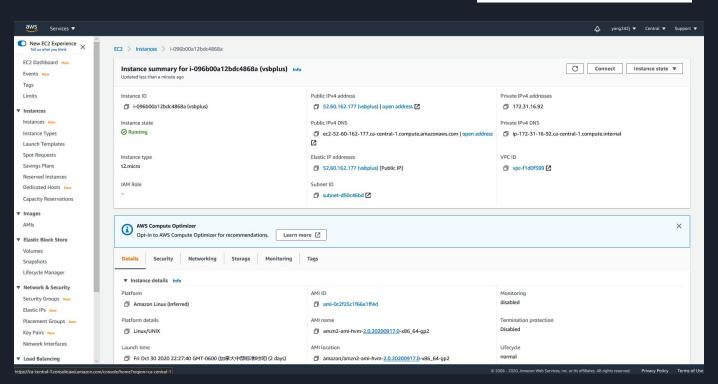


AWS (Amazon Web Service)

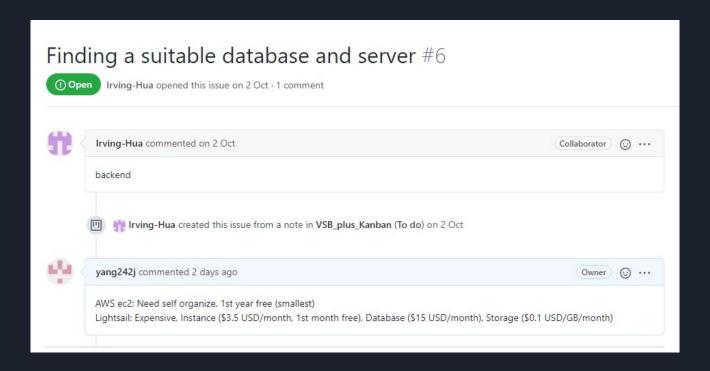


Hell0 vsbplus 52.60.162.177 AWS EC2

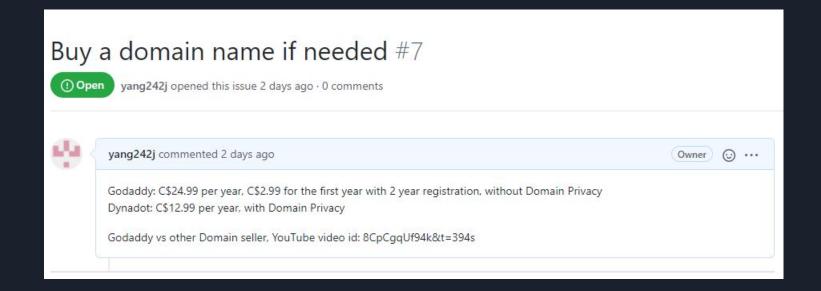
Temperary



Server Host Comparison



Domain Name



Next Step

- 1. Course Data contact with UR IT support
- 2. Explore more visualization tools
- 3. Organize documents in the github
- 4. Finishing AWS server setup (LAMP: Linux, Apache, MySQL, and PHP)
- 5. Finishing the HTML part of frontend

Group reflection

Do you feel you are on track?

- Yes, because prototype, document and diagrams are all in progress.
- Start the server setup and coding.

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

- Currently, some problems with server setup.

Do you need any help going forward?

- Need courses data and urcourse JSON files provided by IT support

Reference

- VSB_Plus Github Repository
- AWS EC2 services