

Application Name: CorsView

Application Idea:

We want to build a website that allow student to share their review as well as learning materials of the courses in school.

What distinguishes our website is that our users not only can see other people's review on a particular module, but they can also see who among their facebook friends have taken/are taking that module, so that they can ask these friends for review. Moreover, having a platform for sharing course materials grants student easy access to the course materials even they are not taking the module.

Users can vote up or down for reviews and shared documents. However, voting for modules are not implemented. We would like to encourage users to rate the quality of reviews and documents rather than the content of modules.

Type of FB app: standalone

reason: Since the core features of our website (namely review and materials sharing) can be enjoyed by the users without a facebook account, our website is not highly dependent on facebook, thus we choose to build it as a standalone app first. However, we have to admit that building our app as a facebook canvas app can increase the visibility of our app, and we decide that we may build the canvas app as well if time permits.

Bonus aspirations:

1. JavaScript typically runs on client-side. Thus it can show/hide elements dynamically, and speak to the server in the background using AJAX. PHP, on the other hand, is strictly *server-side*. Thus the PHP is executed on the server and its output is sent back to the user, which will reload the server. Overall, JavaScript gets better performance than PHP in term of visual control.
2. The primary key is the combination of `matric_no` and `home_faculty`.

Execution plan

Designer: Wang Kunzhen (KZ)

Programmer: Li Zhenshuo (ZS) , Wu Lifu (LF) , Wang Yichao(YC)

Task	People assigned
Period 1 (Aug 11 – Aug 25)	

Database schema & setup	ZS
Server setup	YC
Design web UI	KZ, YC
Explore nusmod api, setup database data	LF
Font-end Back-end interface	LF, ZS, KZ
Implement Module search (back-end)	ZS
Module Review Basic functionality (back-end)	LF
Build website front-end (search module, display module info)	KZ, YC
Integrate front-end and back-end	ZS, LF, YC
Integrate facebook js sdk	ZS, LF
Period 2 (Aug 26 – Sep 5)	
User's enrollment and bookmarked module (back-end)	ZS, LF
User's homepage, Invite friend to review (front-end)	KZ, YC
Material sharing	ZS, LF, YC
Final Integration	ZS, LF, YC
Testing and debugging	ZS, LF, YC

Database schema: uploaded to bitbucket repository

website url: <http://54.179.139.143/src/html/course.html>

Facebook APP

url:https://www.facebook.com/games/?fbs=-1&app_id=1457089634562844&preview=1&locale=en_US