ENSE 400 GroupProject #2
Team Name: **VSB_Plus**
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Due: **Oct 19, 2020**

Brief project blurb

An improvement of web design to the Visual Schedule Builder Plus that will help to organize and plan out the time table wisely. As to solve the problems of what courses to take, be aware of the different limitations(such as the prerequisites, the classes offer time, or the credit hours required), and the elective classes, which make the selection of the courses easier and well planned for the students.

"Show ~~me~~ us what you got"

This idea of reform in the Visual Schedule Builder is actually open up from my roommate. For instance, while he was trying to register the ENSE 374 course for this fall semester. But it failed to register since he hasn't taken the prerequisite class CS 210 before. Nevertheless, the ENSE 374 is the fall-only course, and it also is a prerequisite course for other many high level courses which might result in the delay of his academic schedule and will cause him not be able to graduate in time. Since this course is really important to take in this semester for him, he then makes an appointment with the advisor as to trying to register for this course. But it doesn't work out. Therefore, he has to wait this course for another year, the waste of time and the delay of his graduation. We believe there are many other students who may face the same problem, especially for the new students that are not familiar with the courses registration system. Hence, we will want to work on a project which will fix this kind of issue and be able to help out students to plan out their course schedule reasonably.

To begin with, we are starting at research on the Visual Schedule Builder from University of Regina, try and play around with tools or functions, then note down the good and bad ideas which can help us to think and redesign the Visual Schedule Builder. After we have gone through the Visual Schedule Builder of U of R, we jot down some ideas for the improvement of the Schedule Builder and at the same time to sketch out the website pages. As well to do the coding for the website. Then, we will be to collect some data with the people in the future based on the experience of using the new design of our Visual Schedule Builder Plus; such as, knowing how they feel about it, what is good and what is confusing/useless that needs to be removed, or new ideas can be added. Hereafter, according to data/experience from the users about the new design which is to rethink and redesign the Visual Schedule Builder Plus for better usability.

Project demo (from lofi, to hifi, to coded MVP(s))

Now let's summarize the website pages that we have sketch:
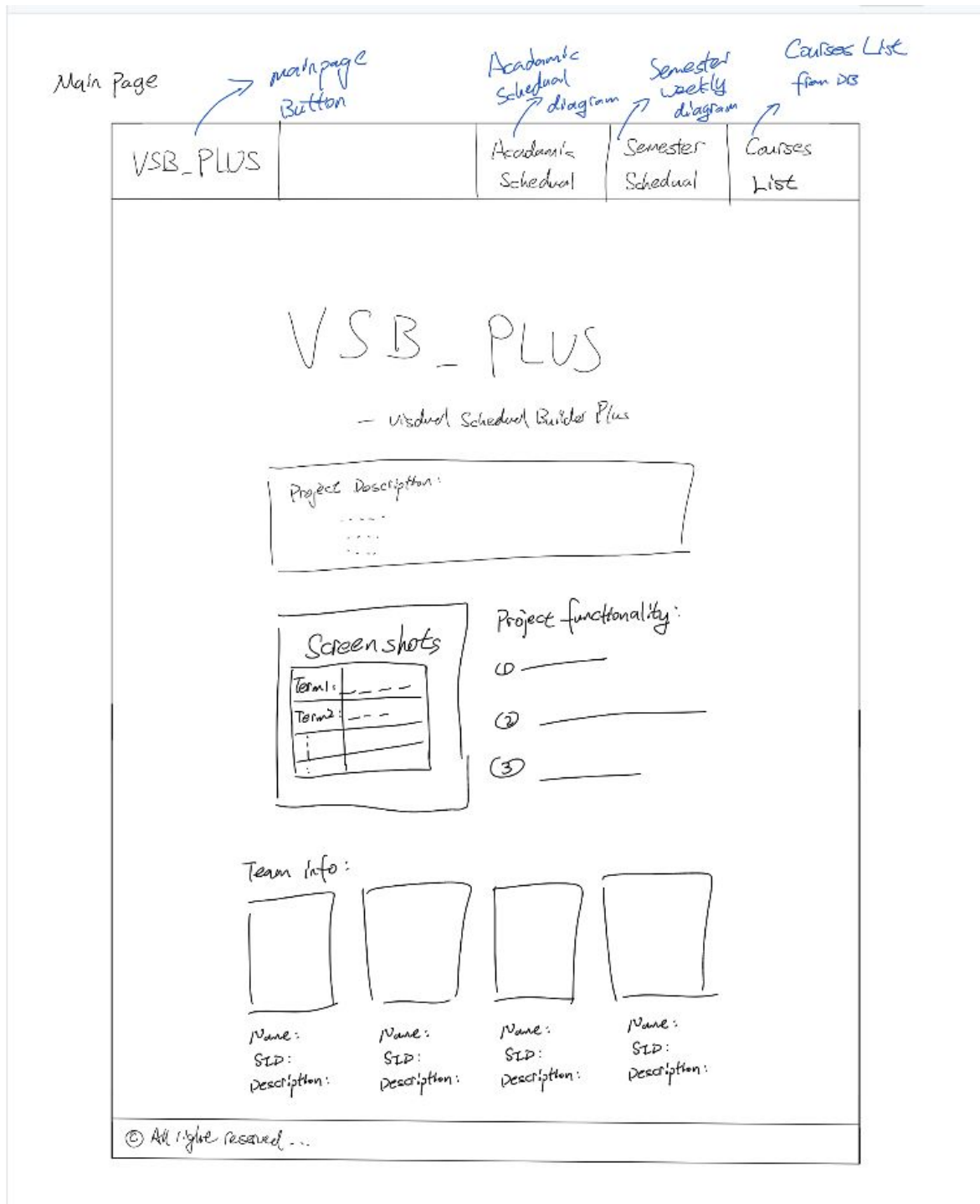
Main Page(Home Page):
- students will be sign in to their account with
    - student name
    - student ID
- according to their name and SID to determine what faculty they are register in

Academic Page

| VSB_PLUS | Semester Schedual | Courses List |

Default calendar

Term 1: [MATH 100] [CS 100] [ENGL] [ANTH]
Credit hour, Difficulty, Fall 2020, ...

Term 2: [MATH 100] [CS 100] [ENGL] [ANTH]
Credit hour, Difficulty, Winter 2021, ...

Term 3.1: [MATH 100] [CS 100]
Credit hour, Difficulty, Spring 2021

Term 3.2: [MATH 100] [CS 100]
Credit hour, Difficulty, Summer 2021

Term 4:

Courses completed

Courses to take

Academic Page:
- plan out the courses list that the students require to take in different semester/term
- show the different limitations of each course(the prerequisites, when it offers, or the credit hours requires)
- display the courses that were completed
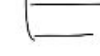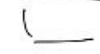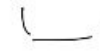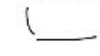
Semester schedual

Semester Schedule Page:
- courses list that are available for the students to take in different semester/term
- information of the course(will be link to Course Details Page)
- building up of time schedule as the students have select a course
- search bar to search for other course

Courses List

VSB_PLUS | Academic Schedual | Semester Schedual

Filter

Filter >

Difficulty   Availiable

Hot level

Faculty

Elective type

Courses List Page:
- list out all the courses that are offers in U of R along with the filter button(classify in different category)
  - faculty
  - availability
  - elective classes

Course Detail page

VSB_PLUS		Academic Schedual	Semester Schedual	Courses List

Course_Title

- Course name
- Course preroquise
- Course description
- Professor who has taught this course

  Prof A.   Prof. B.

- Difficulty Level
- Text book
- Project

Course Detail Page:
- it just a page that directly link the users to a list of all the courses information in details

Next up

Recall our plan of this project, what will be the next thing; after the improvement of the Schedule Builder and the doing of sketch out the website pages. As well, the coding for the website. We will be to collect some data with the people in the future based on the experience of using the new design of our Visual Schedule Builder Plus; such as, knowing how they feel about it, what is good and what is confusing/useless that needs to be removed, or new ideas can be added. Lastly, according to data/experience from the users about the new design, we will rethink and redesign the Visual Schedule Builder Plus for better usability.