

## **ENSE 400 GroupProject #1**

Team Name: **VSB\_Plus**

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Due: **Sep 21, 2020**

A good design of the Visual Schedule Builder Plus that will help to organize and build up the time table wisely.

It is to solve the problems such as considering what courses to take first to be able to graduate in time, knowing the different limitations of each course(for example, the prerequisites in order to take the class, and when it offers, or the credit hours requires), as well to be aware of which elective classes to take that will benefit them in the future based on their faculty. The enhancing of the functionality for U of R existing Visual Schedule Builder will help the students to select the courses easier.

This project will be focused on the students, the building up of their classes schedule. The opinions from the professors of different faculty and the students are mainly to be considering. The Visual Schedule Builder Plus will be designed for students into the different faculty. Then through the faculty, according to the importance and limitations of classes, the Visual Schedule Builder Plus will recommend the courses to take for the students in the different semesters. After the students have chosen and built up their desired time schedule, the Visual Schedule Builder Plus can also give out some advice on their time table to help them for better time planning.

To begin with, we will be starting at research on the Visual Schedule Builder from the different University, try and play around with tools or functions, then note down the good and bad ideas which will help us to think and redesign the Visual Schedule Builder. As well, to collect some data with the people who have experience of using the Schedule Builder, know how they feel about it, what is good and what is confusing/useless that needs to be removed, or new ideas can be added. Then, we can sketch for different ideas for the improvement of the Schedule Builder; do the coding for the website. Next, design some story scenario for the users to try on the new design of the Visual Schedule Builder Plus. Hereafter, gather the data/experience from the users about the new design as to rethink and redesign the Visual Schedule Builder Plus for better usability.

The website is able to provide reasonable advice on course selection with different faculty, condition and semester. This web application can help students arrange their entire academic schedule and have a better plan for college life. Students will no longer miss any important course in a certain semester. It helps students to graduate smoothly with less academic mistakes. Meanwhile, students can realize the courses prerequisites and save the time waiting for academic advisors. As for the academic advisors, this application will reduce the obvious questions from

students which saves time for more valuable academic conversations and will improve work efficiency. Advisors can have more time to focus on other complex work.

In the real world, the Visual Schedule Builder Plus can be very useful when it comes to building up the plans. It laid out the things that need to be done by the time schedule. It will help the plan go smoothly, to be kept on track and be finished in time.

### **Project deats**

- problems:
  - what courses to take first to be able to graduate in time
  - when the courses are offer
  - which of elective classes to take that will benefit them in the future based on their faculty
- gaps:
  - advising the courses to take
  - detailing the courses information
  - laid out the benefit elective classes based on different faculty
- innovation of Visual Schedule Builder:
  - classification into different faculty
  - based on the faculty, it will give out advice on the courses to take for the students
  - after the students have chosen and built up their desired time schedule, it also gives some command on their time table to help them for better time planning

### **Project & documentation review**

- currently working on:
  - researching on the Visual Schedule Builder from different University
  - try/play around with the different Visual Schedule Builder
  - note down the good ideas for the Visual Schedule Builder