

## **Planning and Scheduling**

### **Outline**

#### **Principle Tasks w/ Milestones**

- Building a portal for students through database
  - Should provide access to students
  - Should show campus student is accessing
- List of classes available should be shown
  - Course name should be shown
  - Instructor name should be able to view
  - Semester start/end dates of classes should be able to be viewed
- List of class schedules should be available
  - CRN number of the course should be able to be viewed
  - Students should be able to see the start/end time for the class
  - Days of classes should be able to be seen
- Navigation tool needs to be developed
  - Develop routes to classes for students
- Final grade calculator should be available to students
  - Provide equation for calculation
- GPA calculator should be provided for access
  - Student should be able to use their final grades for calculation
  - Provide equation for calculation

### **Challenges and Risks**

The most serious challenge that will be difficult to pursue is building the database system on time and inputting all the data by hand on schedule. Each value of all categories have to be put in manually, which will include many courses and values, which can be very time consuming. It can take at least a couple of days, so it needs to be planned accordingly so other concepts of the project can be done as well on time, and the project can be successful.

A risk that is involved in this part of the project is requirements changing and information and coding becoming redundant in turn not leading the project towards its full efficiency. To lessen/minimize these risks, better planning and researching should be in order to overcome and encompass any changes headed our way. Research and practice should be much more heavily implemented in reference to code and databases in order to succeed in this part of this project.

## Scheduler

Task	Effort (Person)	Effort (Days)	Duration (Hours)	Dependencies
Access mySQL database to connect to server and test	Toju, Woo	1-2	5	N/A
Develop list of courses available for students	Saher, Jodie	2	6	T1
Develop list of class schedules including CRN, instructor name, time, and date	Harry, Woo	3	10	T1
Make sure students have accurate navigation tool	Jodie, Toju	3	15	T3
Make calculator for students to calculate final grades in classes	Harry, Toju	2	5	T5
Provide students GPA calculator with accurate conversions	Saher, Woo	2	5	T3