

Systems/Structures Required

- ☐ Log-in system
 - ☐ Keeps track of login information
 - ☐ Verifies information
 - ☐ Uses PAWS information
- ☐ Database to retain course information on student
 - ☐ Enrolled courses, daily/weekly schedule
 - ☐ Professor name, Location, Prerequisites, Description (User-inputted?)
- ☐ Schedule application
 - ☐ Possibly automatically creates schedule as student inputs courses
 - ☐ Checks to see if course has empty spot to be added onto
 - ☐ Allows for additional schedule requests
 - ☐ Lunch, meeting, etc.
- ☐ Filter applications
 - ☐ Department Filter
 - ☐ Checks for courses that make user-inputted department
 - ☐ Number Filter
 - ☐ Perhaps checks first digit (such as [1] for 1000 level courses) of user-input
- ☐ *Occupancy and Offering Application
 - ☐ Checks for current availability of courses by offerings (i.e., how many sections are taught for the course) and occupancy.
 - ☐ Star denotes non-essential component

Use-Case Draft:

1. Customer logs into website
2. Customer adds courses currently taken at respective day-and-time using button prompt
 - a. Information is organized into weekly chart shown above
 - i. Information is also organized into daily schedule, listed below the weekly chart.
3. Customer adds miscellaneous information to the chart (lunch breaks, scheduled events, etc.)
4. Customer can sort their enrolled classes by department or by Number Code (****)
5. Customers could input a course, which would then be filtered for number of classes given and occupancy.

Diagram

