Elements of CURSE

Create Student Database
Create Professor Database
Create Administrator Database:
Courses Database

Set Up Hierarchy

Administrators have permissions to manipulate other users and classes

Instructors can manipulate students within a course

Students are view and self-register only

User tests the menu
User tests the private/public accessing of each class's attributes

User API:

Students can check schedule, semesters, check calendar availability, time availability of courses, register to courses

Instructrctors can check schedule, force students in, print courses, print schedule

Administrator has permission to force users in and out, check courses, waive courses conflicts,print schedule

include multiple semesters

User to test Student Class

Test the connection with the class and database
Test registration, course viewing, printing courses,
Test course conflicts, and time availability
Test viewing different semesters' courses
Test students' ability to not access other users' functions

User to test Instructor Class

Test the connection with the class and database
Test the selection and search of students as a instructor
Test course viewing, printing courses,
Test time availability
Test viewing different semesters' courses

Test force students in
Test the functionality of not registering in a course

User to test Administrator Class

Test the student/instructor addition/removal to/from the database
Test the selection and search of students
Test selection of instructors
Test the connection with the class and database
Test registration, course viewing, printing courses,
Test course conflicts, and time availability

Test viewing of different semesters' courses

User to test database

With the classes defined check if the same classes above populate the right relations, update, remove.
Query between users

Implement GUI

Users test the GUI: looking for user friendliness, and possible bugs between the different classes

Final Version