



### Requirements :

- Database of the students, admins, instructors, courses
- Must adapt to 3 types of users
- Must include multiple semesters, prints and scheduling

### System / Software Design

- The UI will be different for each user
- Start with a log in screen, which will lead to particular UI depending on the user type
- Must update database after every edit
- Document every design

### Implementation

- Create database and input every data
- Write functions to interact with database
- Make functions that will do the printing, and scheduling
- Develop the UI/GUI
- Test every unit individually

## Integration and Testing

- Put every unit together
- Test if the entire program works with no errors

## Deployment

- Release the program into the wild

## Maintenance

- Release patches if needed

# Incremental

1st iteration will have

- ↳ GUI
- ↳ Similar pages for every user type
- ↳ will have 1 or 2 semesters only
- ↳ For student: can register, can see available courses  
their own schedule
- ↳ For instructor: can see their own roster
- ↳ For admin: can see everything

## 2nd iteration

- ↳ Log in screen
- ↳ Instructor: can see available courses