



Use case description:

- **Login**
user will enter their username and password, if valid, the user will be redirect to respective page
- **Search Course**
Student will enter course code, which if exist in database, it will return a list of available section of the course
- **Update bid**
Allow user to change e\$ amount bided for the course
- **Bid for section**
Student can place bid on the section chosen, given that student is valid to bid for the section and the section is not full
- **Drop bid**
Student can drop whatever bid they have put before, will return the amount of e\$ bided for the section
- **Drop section**
Student can drop whatever section that they get from successful bidding
- **View all bid**
List all bid that the student have placed in the system

- Start bootstrap
Admin will choose file to upload, and the database will be populated with the data uploaded by admin
- Start round
Admin start the bidding round, student can access bidding page
- Stop round
Admin stop bidding round, all bids being process and assign successful bid to student. Student can't access bidding page
- Delete section
Remove a particular section from a course
- Dump table
Retrieve the contents of the course, section, student, prerequisite, completed-course, bid and section-student tables
- Dump bid table
Retrieves the bidding information of a specific section for the current bidding round
- Dump section table
Retrieves the information for a section, and it's enrolled students
- Dump student table
Retrieves the information of a specific user