

CourseLion is a web application designed to allow students to enroll in courses that are created by an administrator. Currently, all pages besides the student view and the final algorithm have been implemented

| Functionality Tested | Inputs | Expected Output | Actual Output |
|---|-------------------------------------|---|---------------|
| Retrieving student input | Course selections | System should read the inputted courses, valid or not, into the students database | |
| Student edits their choices | Course selections | System should show which inputs have already been entered by that student. System should read new values and overwrite old values in the students database | |
| Student views the courses they were enrolled in (before enrollment) | N/A | System should tell student that enrollment has not performed enrollment yet | |
| Admin adds a new course | New course information | System should read all information passed in related to the course, perform checks to test for consistency with other courses, warn admin if not consistent, and allow the admin to make the ultimate decision to add the course. | |
| Admin runs enrollment | N/A | Upon pressing the enrollment button, system should read in from student and courses databases, and write to the proper databases. | |
| Student views the courses they were enrolled in (after enrollment) | N/A | System should pull from students database and display the classes the student was enrolled in, and why they were not enrolled in the others. | |
| Admin views results of algorithm | Selection of which database to view | The admin will select which database to view and based on their input, that database will display all necessary info (not confidential info like passwords). | |