

PROJECT TITLE: ONLINE COURSE REGISTRATION SYSTEM

WEBSITE NAME: UTD COURSE REGISTRATION

TEAM MEMBERS :

1. dxm172530 – Dafne Navita Maria Joseph
2. pxs176230 – Pooja Srinivasan
3. pxv170230 – Priyadarshini Vasudevan

PROJECT DESCRIPTION: An Online Course registration system which allows students to register , enroll course , drop courses and view available courses . The website also has an admin module which allows admin to add new courses to database , edit and delete existing courses .

ASSUMPTIONS:

1. There can be only one professor who offers a course for a particular semester and year .
2. A student is allowed to enroll only three courses per semester .
3. The professor and any course related details are added to the database through the admin .

DATABASE DESIGN:

Table structure for table `course_details`

```
-----  
  
CREATE TABLE `course_details` (  
  `course_id` int(10) NOT NULL,  
  `course_name` varchar(50) NOT NULL,  
  `major` varchar(10) NOT NULL  
  PRIMARY KEY (course_id)  
)
```

Table structure for table `section`

```
-----  
  
CREATE TABLE `section` (  
  `section_id` int(5) NOT NULL,  
  `course_id` int(10) NOT NULL,  
  `semester` varchar(20) NOT NULL,  
  `year` year(4) NOT NULL,  
  `prof_name` varchar(20) NOT NULL,
```

```
`flag` tinyint(1) NOT NULL,  
`availability` int(4) NOT NULL DEFAULT '20'  
  
PRIMARY KEY (section_id),  
FOREIGN KEY (course_id) REFERENCES course_details(course_id)  
  
)
```

Table structure for table `student_course`

```
-----  
  
CREATE TABLE `student_course` (  
  `student_id` int(10) NOT NULL,  
  `course_id` int(10) NOT NULL,  
  `semester` varchar(10) NOT NULL,  
  `year` year(4) NOT NULL,  
  `flag` tinyint(1) NOT NULL,  
  
  PRIMARY KEY (student_id, course_id),  
  FOREIGN KEY (course_id) REFERENCES course_details(course_id) ,  
  FOREIGN KEY (student_id) REFERENCES student_details(student_id)  
  
)
```

Table structure for table `student_details`

```
-----  
  
CREATE TABLE `student_details` (  
  `student_id` int(11) NOT NULL,  
  `name` varchar(50) NOT NULL,  
  `email` varchar(100) NOT NULL,  
  
  PRIMARY KEY (student_id)  
  
)
```

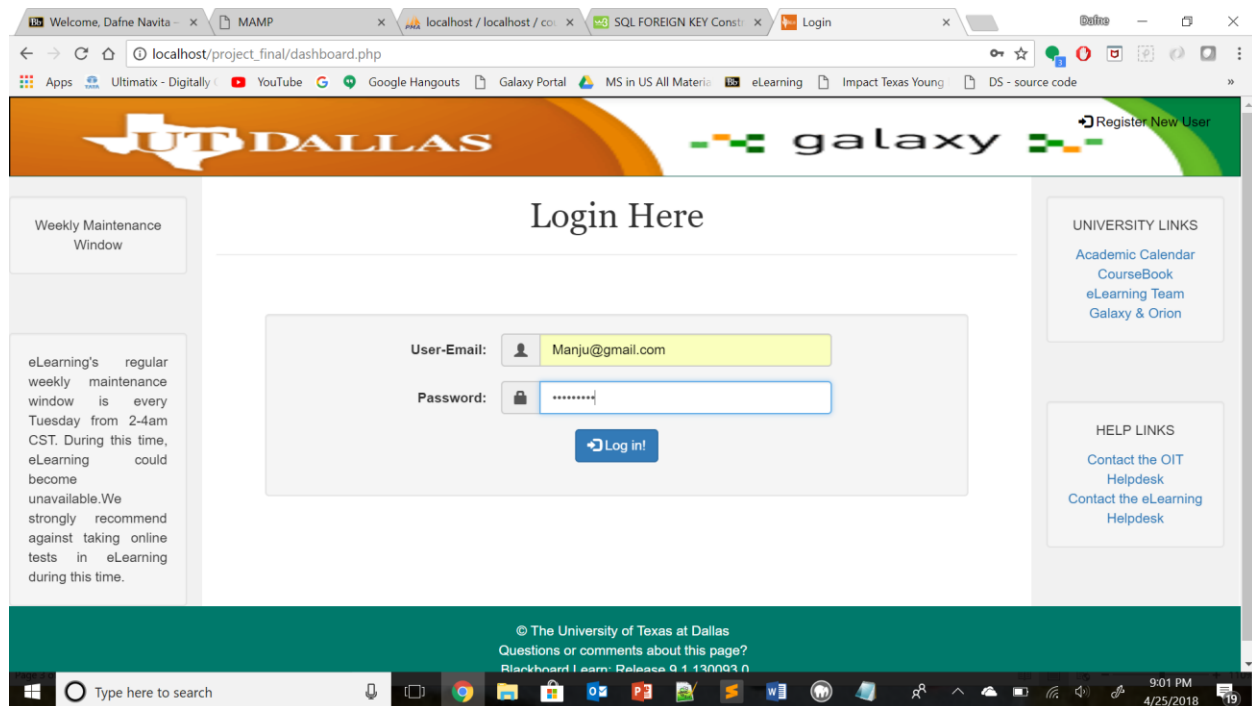
Table structure for table `user_authentication`

```
CREATE TABLE `user_authentication` (  
  `user_email_id` varchar(40) NOT NULL,  
  `password` varchar(50) NOT NULL,  
  `admin_flag` tinyint(1) NOT NULL  
PRIMARY KEY (user_email_id)  
)
```

LANGUAGE AND FRAMEWORK USED : PHP , Mysql , AJAX , Jquery , Javascript , Bootstrap , HTML5 , CSS

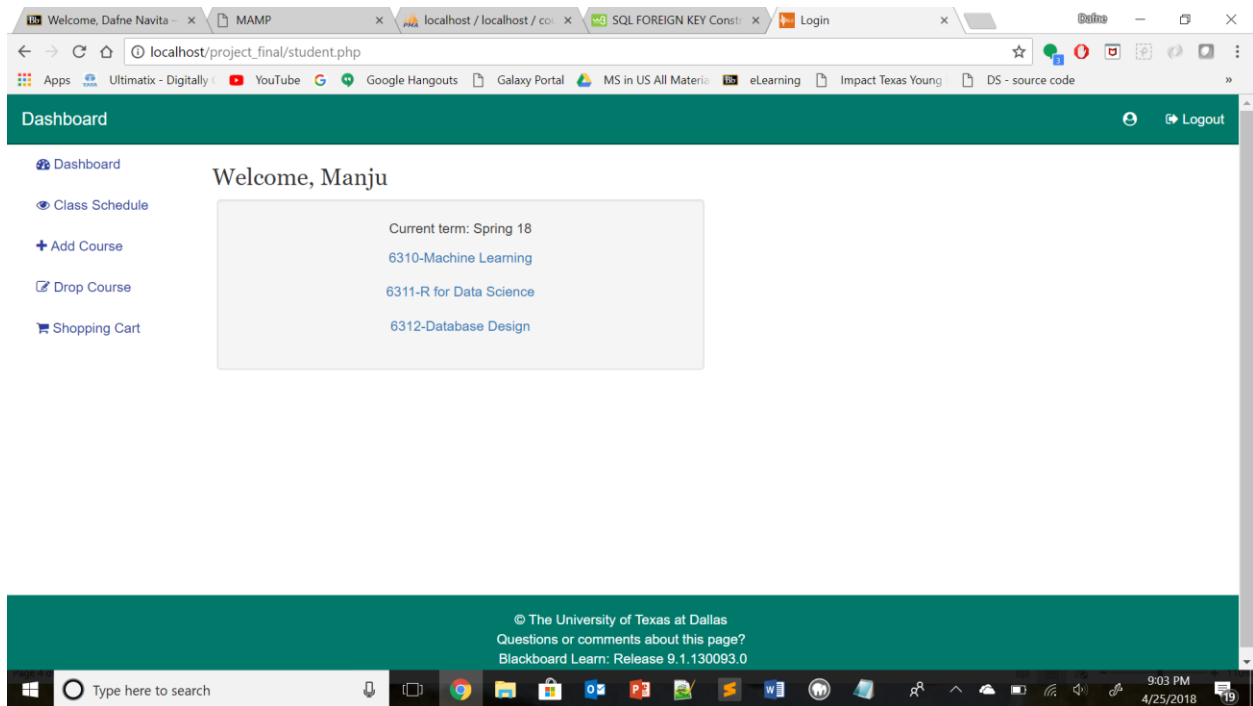
SCREENSHOTS :

LOGIN :



STUDENT MODULE :

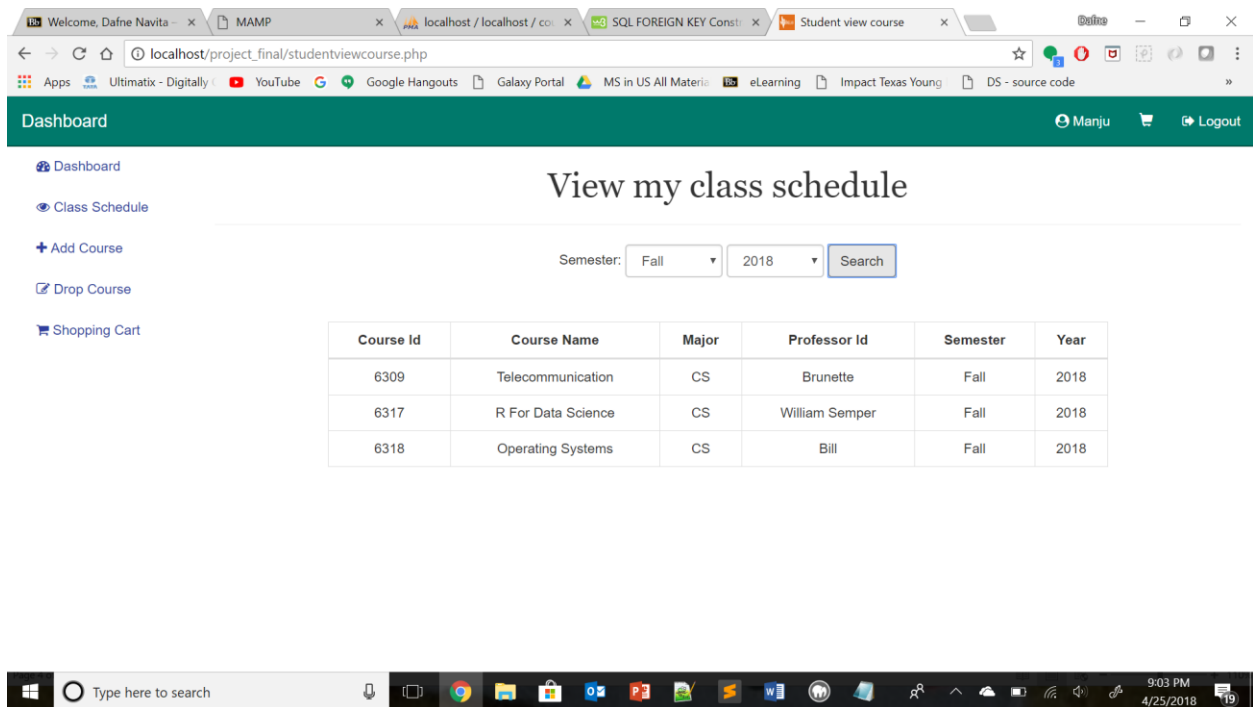
Dashboard page :



The screenshot shows a web browser window with multiple tabs. The active tab is 'localhost/project_final/student.php'. The page has a green header bar with 'Dashboard' and a 'Logout' link. On the left, there is a sidebar with links: 'Dashboard', 'Class Schedule', 'Add Course', 'Drop Course', and 'Shopping Cart'. The main content area says 'Welcome, Manju' and displays the 'Current term: Spring 18' with a list of courses: '6310-Machine Learning', '6311-R for Data Science', and '6312-Database Design'. At the bottom, there is a footer with copyright information for The University of Texas at Dallas and a Windows taskbar at the very bottom showing the time as 9:03 PM on 4/25/2018.

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Questions or comments about this page?
Blackboard Learn: Release 9.1.130093.0

View class schedule :



The screenshot shows the 'Student view course' page. The header bar is green with 'Manju' and 'Logout' links. The sidebar is the same as the dashboard. The main content area is titled 'View my class schedule'. Below the title, there is a search form with 'Semester' set to 'Fall' and 'Year' set to '2018', and a 'Search' button. Below the search form is a table with the following data:

Course Id	Course Name	Major	Professor Id	Semester	Year
6309	Telecommunication	CS	Brunette	Fall	2018
6317	R For Data Science	CS	William Semper	Fall	2018
6318	Operating Systems	CS	Bill	Fall	2018

The Windows taskbar at the bottom shows the time as 9:03 PM on 4/25/2018.

Add course :

The screenshot shows a web browser window with the URL `localhost/project_final/studentaddcourse.php`. The page has a green header with 'Dashboard', 'Manju', and 'Logout' links. A sidebar on the left contains links to 'Dashboard', 'Class Schedule', 'Add Course', 'Drop Course', and 'Shopping Cart'. The main content area is titled 'Add Course' and features a search bar with 'Semester' dropdown set to 'Fall' and 'Year' dropdown set to '2018'. Below the search bar is a table of courses.

Course Id	Course Name	Major	Professor Id	Semester	Year	Availability	Edit
6302	DAA	CS	Chandrasekharan	Fall	2018	24	Add to Cart
6317	R For Data Science	CS	William Semper	Fall	2018	17	Add to Cart
6318	Operating Systems	CS	Bill	Fall	2018	17	Add to Cart
6309	Telecommunication	CS	Brunette	Fall	2018	17	Add to Cart

Below the table is a 'Go to cart' link.

Drop course :

The screenshot shows the 'Drop Course' page with the URL `localhost/project_final/studentdropcourse.php`. The interface is similar to the 'Add Course' page, but the main content area is titled 'Drop Course'. A confirmation dialog box is overlaid on the table, asking 'Are you sure, do you really want to drop Course?' with an 'Ok' button.

Course Id	Course Name	Major	Professor Id	Semester	Year	Delete
6309	Telecommunication	CS	Brunette	Fall	2018	Delete
6317	R For Data Science	CS	William Semper	Fall	2018	Delete
6318	Operating Systems	CS	Bill	Fall	2018	Delete

Shopping Cart :

Dashboard

Shopping Cart

Course Id	Course Name	Major	Professor Name	Semester	Year	
6302	DAA	CS	Chandrasekharan	Fall	2018	<input checked="" type="checkbox"/>
6317	R For Data Science	CS	William Semper	Fall	2018	<input checked="" type="checkbox"/>
6318	Operating Systems	CS	Bill	Fall	2018	<input checked="" type="checkbox"/>

Enroll Courses

ADMIN MODULE :

View course :

Dashboard

View Course

Semester: Fall 2017 Enter any keywords here Search

Course Id	Course Name	Major	Professor Id	Semester	Year	Availability
6301	Statistical Methods for data sciences	Math	Pankaj Choudary	Fall	2017	23
6346	Web Programming Languages	CS	Nurcan Yuruk	Fall	2017	20
6347	Stats for data science	CS	Semper	Fall	2017	20
6348	R For Data Science	CS	Semper	Fall	2017	20

« 1 »

Add new courses :

The screenshot shows a web browser window with the URL `localhost/project_final/addcourse.php`. The page has a dark green header with 'Dashboard' on the left and 'Admin' and 'Logout' on the right. The main content area is titled 'Add Courses' and contains a form with the following fields: Course Id (6123), Course Name (Advanced OS), Major (CS), Professor Name (John Cole), Semester (Fall), and Year (2018). A blue 'Add Course!' button is at the bottom of the form. The Windows taskbar at the bottom shows the time as 9:10 PM on 4/25/2018.

Dashboard

Admin Logout

Add Courses

Course Id:

Course Name:

Major:

Professor Name:

Semester:

Year:

Edit course :

The screenshot shows a web browser window with the URL `localhost/project_final/editcourse.php`. The page has a dark green header with 'Dashboard' on the left and 'Admin' and 'Logout' on the right. The main content area is titled 'Edit course' and contains a form with the following fields: Course Id (6301), Course Name (Statistical Methods for data sciences), Major (Math), Prof Name (Pankaj Choudary), Semester (Fall), Year (2017), and Availability (23). A blue 'Save Changes' button is at the bottom of the form. The Windows taskbar at the bottom shows the time as 9:11 PM on 4/25/2018.

Dashboard

Admin Logout

Edit course

Course Id:

Course Name:

Major:

Prof Name:

Semester:

Year:

Availability:

WORK DIVISION :

1. Dafne Navita Maria Joseph (dxm172530) – Login module and admin add/view course module along with front end and database design
2. Priyadarshini Vasudevan (pxv170230) – Registration module and admin edit/drop/view course module along with front end and database design
3. Pooja Srinivasan (pxs176230) – Student course enrollment module and student drop/view course module along with front end and database design