

Student Portal

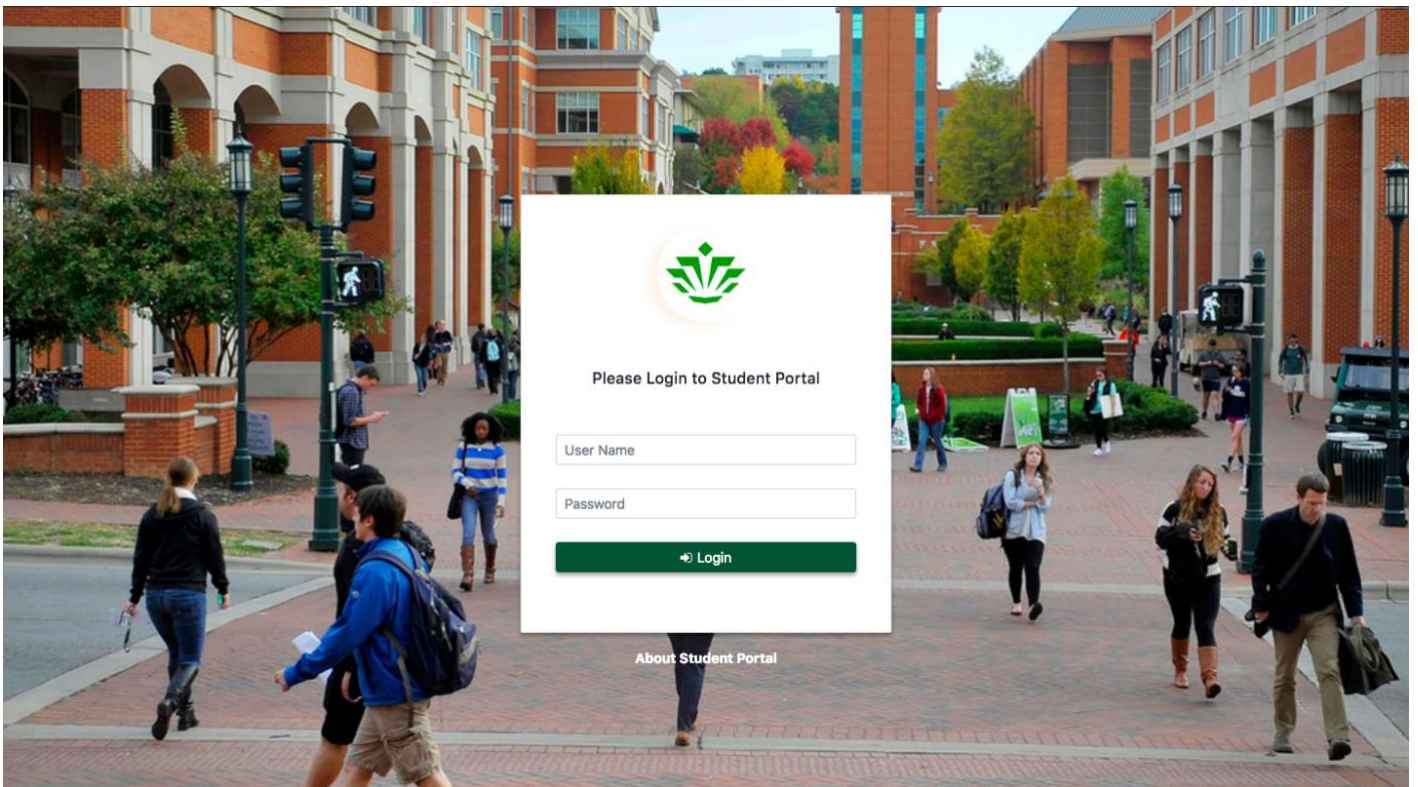


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1. Introduction

Student Portal is a Web Application which provides an easy way for its users – primarily the students of the University to register for the courses of active terms, modify their course

registration, and drop the course for particular term. The application also allows students to view all the registered courses irrespective of terms and view their profile and edit the basic information such as address, telephone number.

1.1 System Users

The Student Portal Web Application has two types of Users.

i. Students

University Students are the primary users of the Student Portal application who highly gets the benefits from the portal.

ii. Admin

Admin user, or System admin is a type of user who manages the Student Portal application.

1.2 User Actions Overview

Below listed are the overview of user actions or the functionalities of each type of user in the Student Portal Web Application.

1.2.1 Admin User Actions

- Add/Delete Student – Admin user has the authority to add or delete a student into the system. While adding a new student admin has to provide few mandatory details about the student.
- Add/Delete Course – Admin can add a new course into the system with required information for a particular term.
- Manage Term - Admin user is the one who adds a new term into the system and operates on it, such as activating the term to add courses, opening the course registration for the term.
- Profile – Admin user can view or edit own personal/basic information.

1.2.2 Student Actions

- Add Course – Student can register for a course by selecting term for which they want.
- Drop Course – This functionality allows the students to drop from a course for a particular semester.
- My Courses – Student can view all the completed and the registered courses under this section.
- Profile – Just like the admin user, even the student can view/ edit their basic/personal information.

2. Login

Login functionality is the common for both the Admin and Users (Students). Before login a user must have been added into the system by admin user. User can login with their email id or by just entering the local-part of the email id and valid password. If the login successful, the system will redirect the user to respective home page. Below screen shot shows the login page with sample username and password.

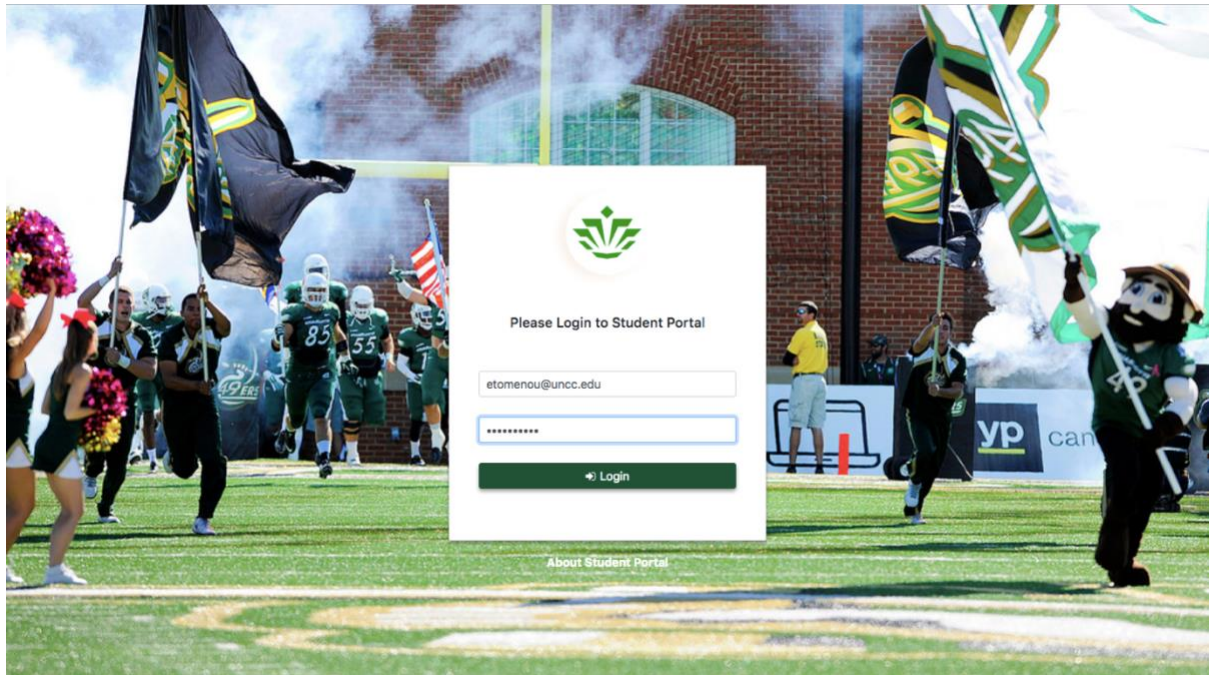


Figure 2.1 – Login page with email id and password

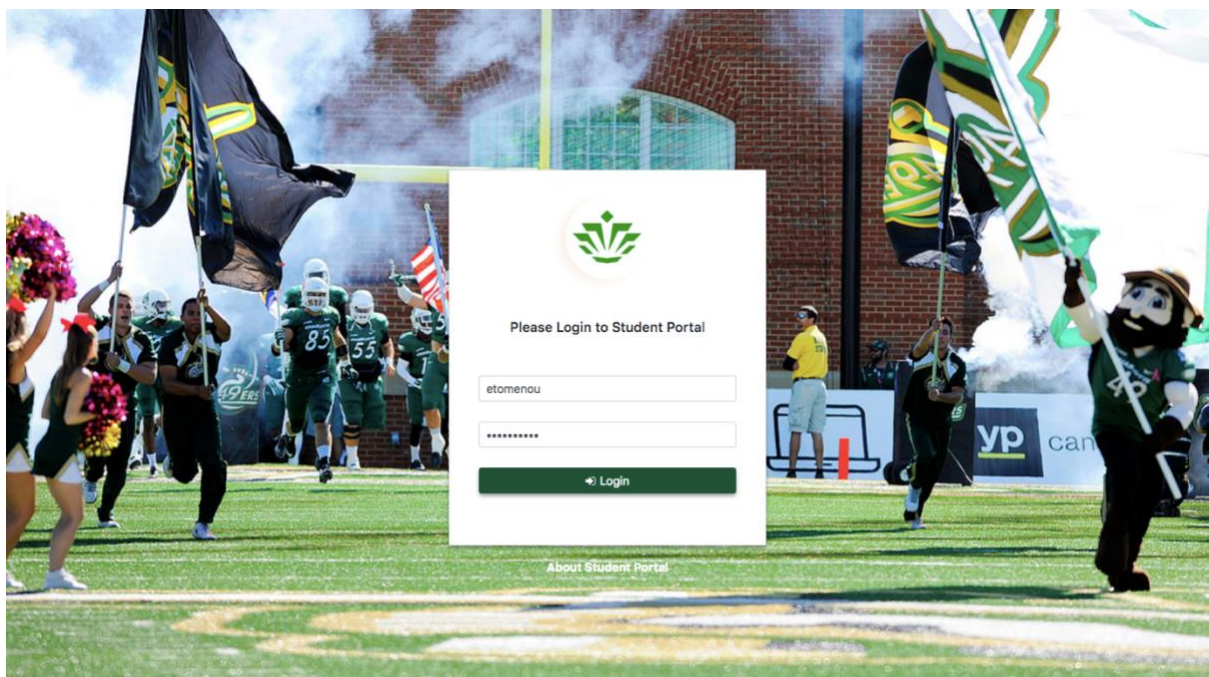


Figure 2.2 – Login page with username (Local-part) and password

3. Home Page

Homepage is the page where the user lands on after successful login. Homepage of Student Portal Web Application provides the user functionalities. Since the Admin user and Student would have different privileges, they both would see the respective home page.

3.1 Admin Home Page

Admin home page lists all the admin activities such as View/Edit Profile, Add/Delete Student, Add/Delete Course, and Manage Term. Figure 3.1.1 Shows the Admin Home page.

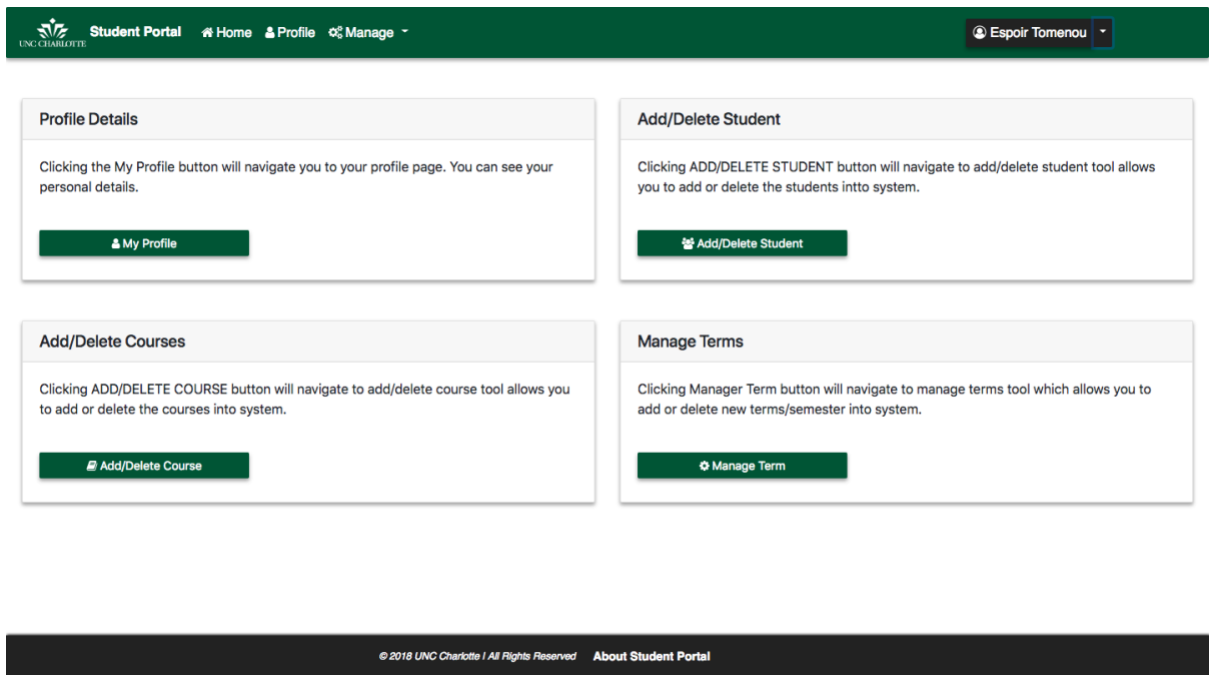


Figure 3.1.1 - Admin Home Page

3.2 Student Home Page

Student home page lists all the Student activities such as View/Edit Profile, Add Course, Drop Course, and View Registered Courses (My Courses). Figure 3.2.1 Shows the Student Home page.

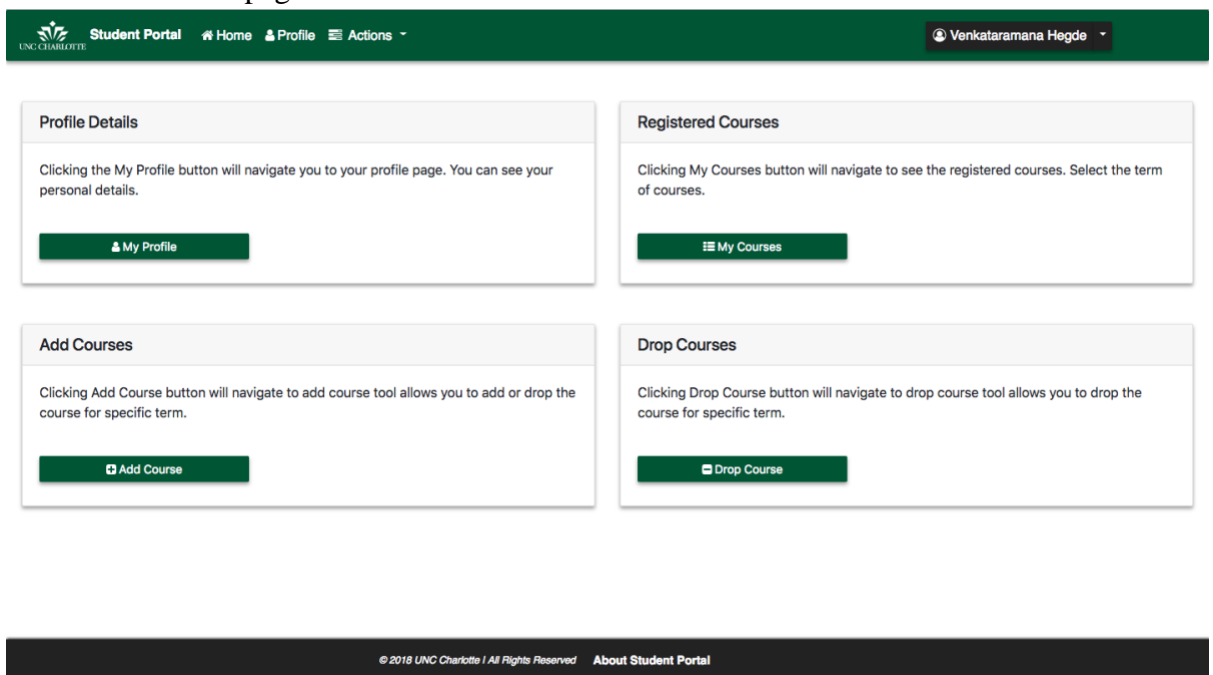


Figure 3.2.1 - Student Home Page

4. Profile Page

Profile page is the common functionality for both the admin and students. This page gives the basic personal information about the user. Below screen shot shows the profile page of a user.

The screenshot shows a web browser window with the URL 'localhost'. The page header includes the UNC Charlotte logo and navigation links: 'Student Portal', 'Home', 'Profile', and 'Manage'. A dropdown menu shows 'Espoir Tomenou'. The main content area displays 'Espoir's Profile' with the following details:

Espoir's Profile	
ID	800026
First Name	Espoir
Last Name	Tomenou
Email	etomenou@uncc.edu
Phone Number	9874572152
Role	Admin
Address	9201 University City Blvd, Charlotte, NC 28223

Below the table is a green 'Edit Profile' button. The footer contains copyright information: '© 2018 UNC Charlotte | All Rights Reserved' and links to 'About Student Portal' and 'Privacy Policy'.

Figure 4.1 – Profile Page

A user can edit the basic information such as last name, email, phone number and Address by clicking the Edit Profile button in the profile page. Which pops-up a form which has to be saved to edit the profile.

The screenshot shows the same 'Espoir's Profile' page, but with a modal window titled 'Edit your profile' open. The modal contains the following fields:

- Last Name: Tomenou
- Phone Number: 9874572152
- Address: 9201 University City Blvd, Charlotte, NC 28223

At the bottom of the modal are 'Close' and 'Save Changes' buttons. The background profile page is dimmed. The footer is the same as in Figure 4.1.

Figure 4.2 - Edit profile pop up window to edit the profile detail

5. Admin – Add/Delete Student

Admin user get the privilege of adding new user into the system. This page allows admin to add or delete a student. Below screen shot shows the overview of Add/Delete Student page.

ID	Last Name	First Name	Email	Address	Phone	Action
800027	Korey S	Kiran	kkorey@uncc.edu	University Terrace Drive	9806616157	Delete Edit
800028	Mahendale	Sarvesh	smehenda@uncc.edu	9548 M University Terrace Dr	7086543435	Delete Edit

Figure 5.1 - Add/Delete Student page

As we can see from above screen shot, this page list out information of all the students in the system with their unique student ID, Last Name, First Name, Email, Address, and Phone number along with delete and edit actions

In order to add a new student, click the [Add New Student](#) button on the top right corner which will bring up a form to add new student's information and option to add the student and close the form without adding. Figure 5.2 shows the Add New Student form which has instructions to fill the form.

Using the Add/Delete Student tool, an admin can edit the student detail by clicking the edit button under action column for each student. Figure 5.3 shows the edit student form with instructions to edit the student information.

UNC CHARLOTTE Student Portal Home Profile Manage

Esplor Tomenou

Add New Student

• Fields with * are mandatory.
• First Name should have minimum 4 letters.
• Last Name should have minimum 3 letters.

First Name*

Last Name*

Email*

Phone Number

Address

Close Add student

ID	Last Name	First Name	Email
800027	Korey S	Kiran	kkorey
800028	Mahendale	Sarvesh	smehe
800030	te	test	venky.

Phone	Action
9806616157	Delete Edit
7086543435	Delete Edit

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Figure 5.2 - Add Student form

UNC CHARLOTTE Student Portal Home Profile Manage

Esplor Tomenou

Edit Student Details Form

• Use this form to edit student information.
• Student ID is not editable.
• Fields with * are mandatory.
• First Name should have minimum 4 letters.
• Last Name should have minimum 3 letters.

Student ID* 800028

First name* Sarvesh

Last name* Mahendale

Email* smehenda@uncc.edu

Phone Number 7086543435

Address 9548 M University Terrace Dr

Role * None

Save Changes Reset

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Figure 5.3 - Edit Student Details form

6. Admin – Add/Delete Course

Add/Delete Course tool allows the admin to add new course into the system. When user click on Add/Delete Course button from the home page/navigation it will redirect to Term Selection page (as shown in Figure 6.1) where user has to select a valid term to which the course needs to be added or to delete a course. After, submitting the term, system takes user to Add/Delete Course page. As we can see from the Figure 6.2, Add/Delete course page list out all the courses from selected term along with Actions such as **Delete** and **Edit**. In order to add new course into system user should click on **Add New Course** button on the top right corner which will bring up the add new course form with the instruction to fill the form. (Refer the Figure 6.3). Admin can also edit the information of existing course by clicking on the **Edit** button under the action of each course which will take user to **Edit Course Form** with the instructions to edit the course detail. Refer Figure 5.4 for the Edit Course From.

UNC CHARLOTTE Student Portal Home Profile Manage Espoir Tomenou

Please select the term to proceed.

✓ None
Second Summer 2018
Fall 2018
First Summer 2018

Submit Reset

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Figure 6.1 - Term Selection Page

Student Portal Home Profile Manage Espoir Tomenou

Course Detail Add New Course

ID	Course Name	Term	Credit	Instructor	Mode	Action
6005	Web Based Application Dvlpmnt	First Summer 2018	3	Lida Safarnejad (P)	class room	Delete Edit
6006	Big Data Analytcs for Comp Avdt	First Summer 2018	3	Joon Jung (P)	TBA	Delete Edit
6007	Intelligent Systems	First Summer 2018	3	Atif Farid Mohammad (P)	class room	Delete Edit
6008	Network Based Appl Dvlpmnt	First Summer 2018	3	Farah Tokmic (P)	Online	Delete Edit
6012	Intro to Game Design & Dvlpmnt	First Summer 2018	3	Julio Cesar Bahamon (P)	Class Room	Delete Edit
6017	Info Tech Eth, Pol & Secur	First Summer 2018	3	Fredric B Williams (P)	Classroom - WOODW 154	Delete Edit
6018	IT Project	First Summer 2018	3	Heather Richter Lipford (P)	TBA	Delete Edit

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Figure 6.2 - Overview of Add/Delete Course page

Student Portal Home Profile Manage Espoir Tomenou

Add New Course

Fields with * are mandatory.

- Course Name should have minimum 10 letters.
- Instructor Name should have minimum 4 letters.
- Instruction Mode should have minimum 3 letters.

Course Name*:

Credit*:

Instructor Name*:

Term*:

Mode*:

Close Add Course



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Figure 6.3 - Add New Course Form

The screenshot shows a web browser window displaying the 'Edit Course Details Form' in the UNC Charlotte Student Portal. The browser's address bar shows 'localhost'. The portal's navigation bar includes 'Student Portal', 'Home', 'Profile', and 'Manage', along with a user profile 'Espoir Tomenou'. The form itself has a title 'Edit Course Details Form' and a list of instructions: 'Use this form to edit Course information.', 'Course ID is not editable.', 'Fields with * are mandatory.', 'Course Name should have minimum 10 letters.', 'Instructor Name should have minimum 4 letters.', 'Instruction Mode should have minimum 3 letters.', and 'Term name should have minimum 6 letters.' The form fields are arranged in two rows. The first row contains 'Course ID*' (text box with '6005'), 'Course name*' (text box with 'Web Based Application Dvlpmnt'), and 'Term*' (text box with 'First Summer 2018'). The second row contains 'Credit*' (text box with '3'), 'Instructor*' (text box with 'Lida Safarnejad (P)'), and 'Mode*' (text box with 'class room'). Below the fields are two buttons: 'Save Changes' and 'Reset'. The footer of the page shows '© 2018 UNC Charlotte | All Rights Reserved | About Student Portal | Privacy Policy'.

Figure 6.4 - Edit Course Form

7. Admin – Manage Term

Admin gets the privilege of defining and adding new term into system using the Manage Term tool. Figure 7.1 shows the overview of Manger Term page. Mange term page lists out all the available terms with the details such as term name, start  date of the term, if the term activated or not, and the actions to activate a new term and open the course registration for a term. To add the new term user has to click on the  button on the top right corner of the page. On click of Add New Term button, a form pops up to enter the Term Details with important instructions as shown in Figure 7.2.

To enable a particular term user can click on **Activate Term** button under action. Only the enabled term will show in the **Select Term** options throughout the Application.

Open Registration button open the registration for courses of that Term. Similarly, **Close Registration** button closes the registration for the course of selected Term.

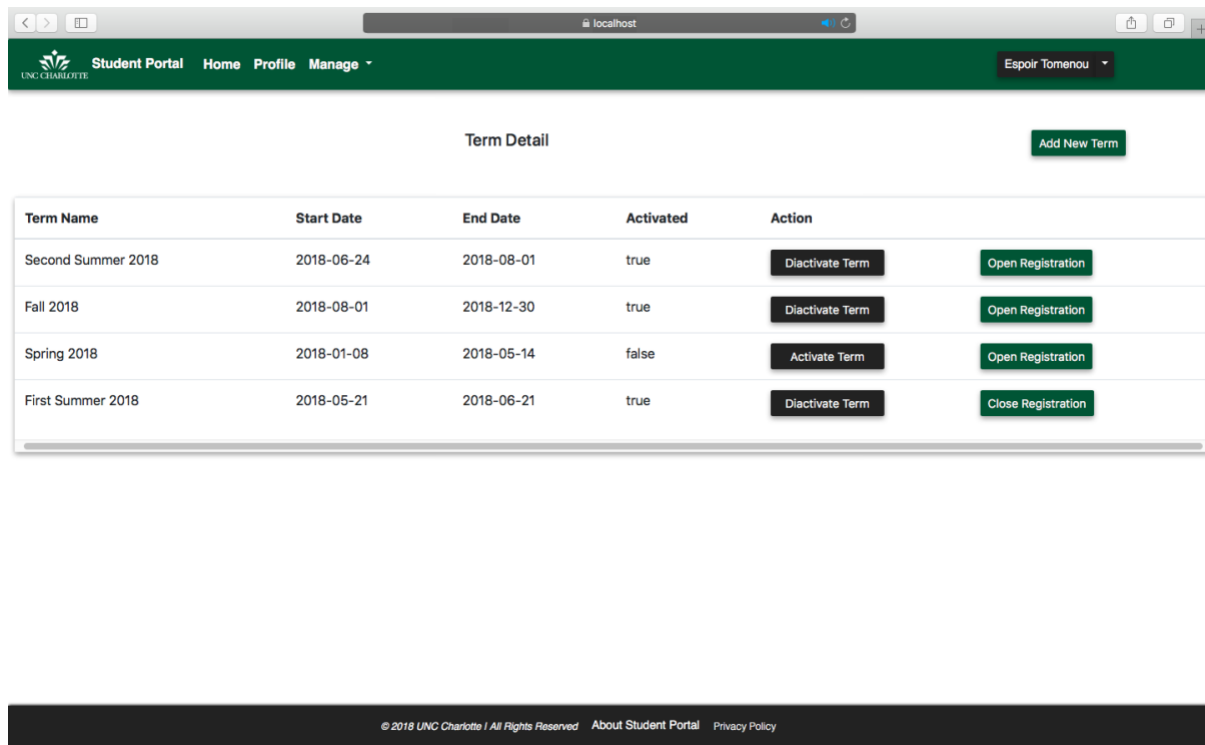


Figure 7.1 - Overview of Manage Term Page.

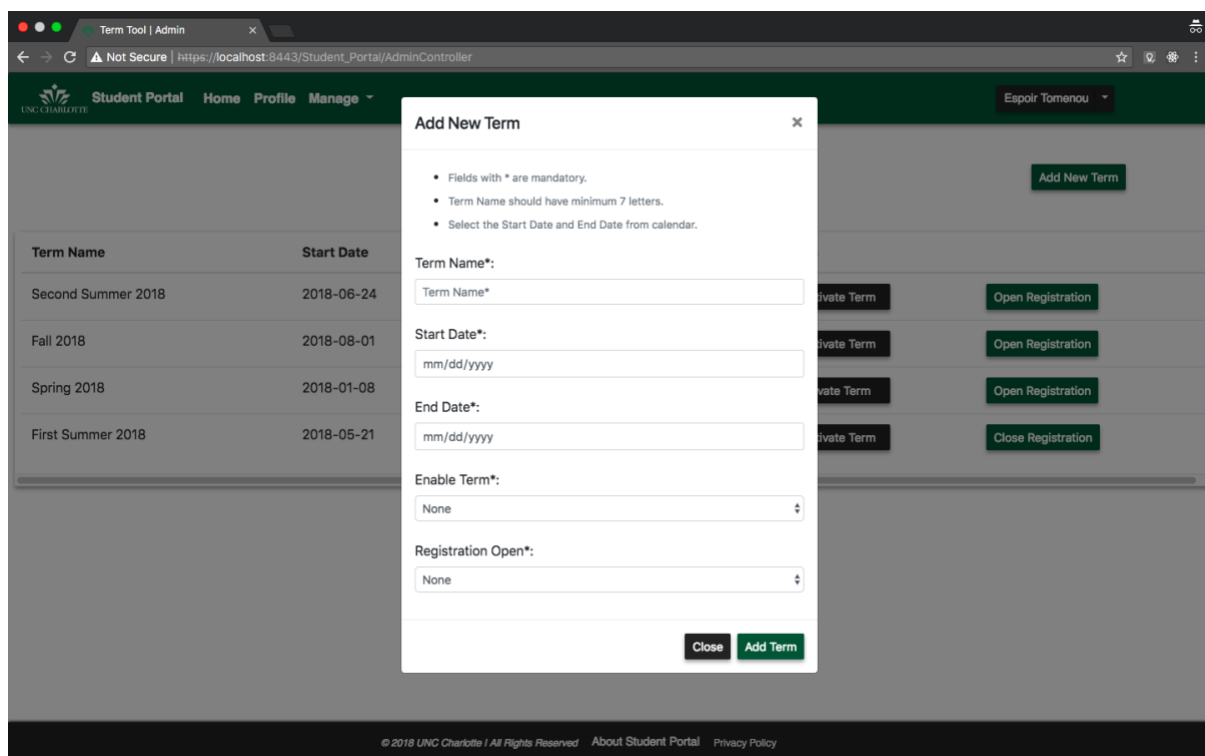


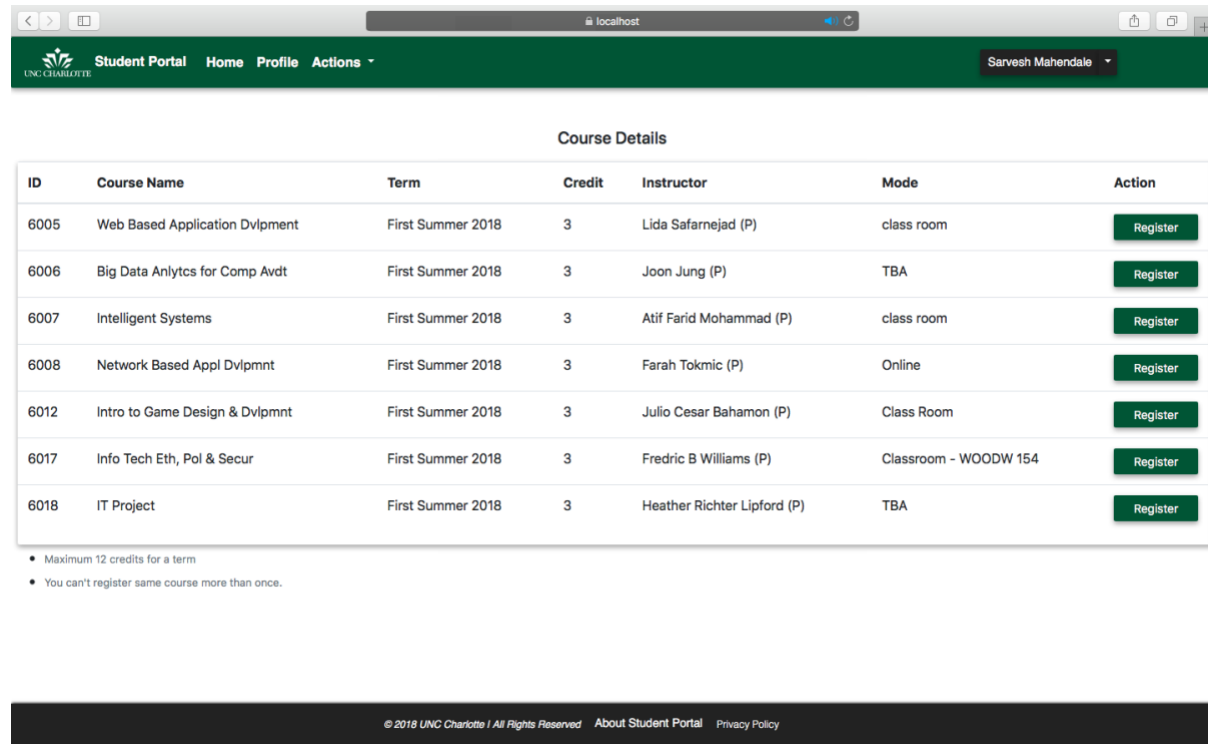
Figure 7.2 - Add New Term form

8. Student – Add Course

Add Course Page allows the students to register for the available courses. On clicking Add Course Button on the home page, Student has to select a term for which they want to register,

on selecting valid term, user will be redirected to Add Course tool where all the available courses are listed out with some important instructions. Student can register by clicking on

Register Button under Action available for each course. Figure 8.1 Shows Add Course page.



ID	Course Name	Term	Credit	Instructor	Mode	Action
6005	Web Based Application Dvlpmnt	First Summer 2018	3	Lida Safarnejad (P)	class room	Register
6006	Big Data Anlytcs for Comp Avdt	First Summer 2018	3	Joon Jung (P)	TBA	Register
6007	Intelligent Systems	First Summer 2018	3	Atif Farid Mohammad (P)	class room	Register
6008	Network Based Appl Dvlpmnt	First Summer 2018	3	Farah Tokmic (P)	Online	Register
6012	Intro to Game Design & Dvlpmnt	First Summer 2018	3	Julio Cesar Bahamon (P)	Class Room	Register
6017	Info Tech Eth, Pol & Secur	First Summer 2018	3	Fredric B Williams (P)	Classroom - WOODW 154	Register
6018	IT Project	First Summer 2018	3	Heather Richter Lipford (P)	TBA	Register

- Maximum 12 credits for a term
- You can't register same course more than once.

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Figure 8.1 - Add Course Page

9. Student – Drop Course

Drop Course Page allows the students to drop a registered course. On clicking Drop Course Button on the home page, Student has to select a term for which they want to drop the course, on selecting valid term, user will be redirected to Drop Course tool where all the registered courses for the selected term are listed out with some important instructions. Student can Drop a course by clicking on **“Drop Course”** button under Action available for each course. Figure 9.1 Shows the Drop Course Page.

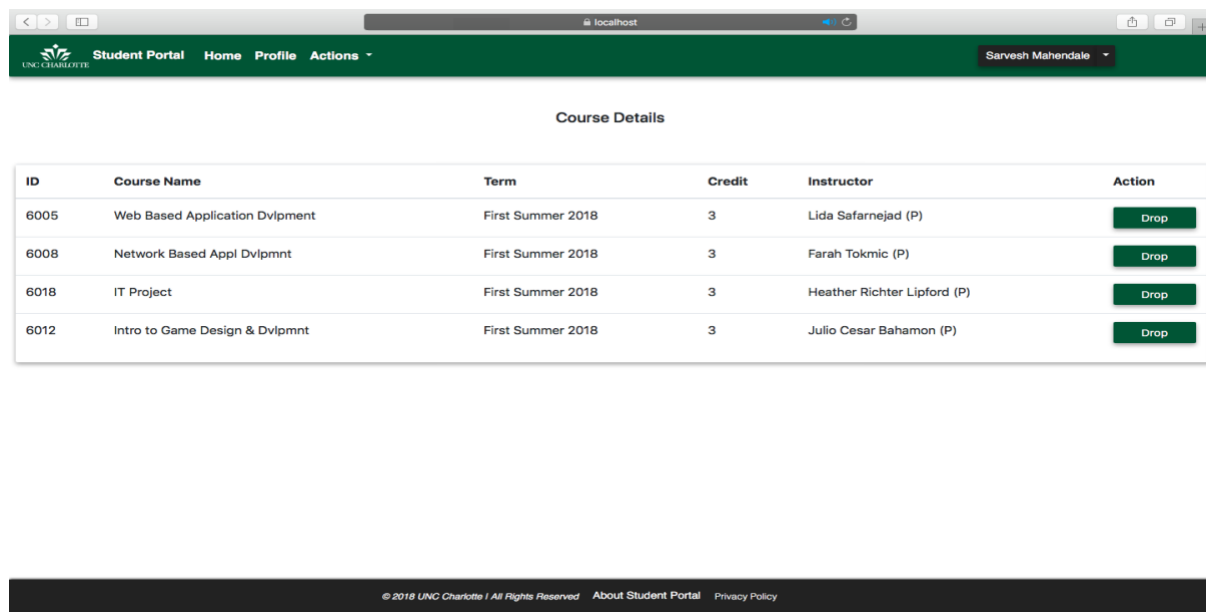


Figure 9.1 - Drop Course Page

10.Student – My Courses

Students can view all the courses for which they have enrolled. On clicking the **My Courses** button, the home page takes the user to My Courses page where all the registered courses by the student are listed out irrespective of term. Figure 10.1 Shows the My Course page of a student.

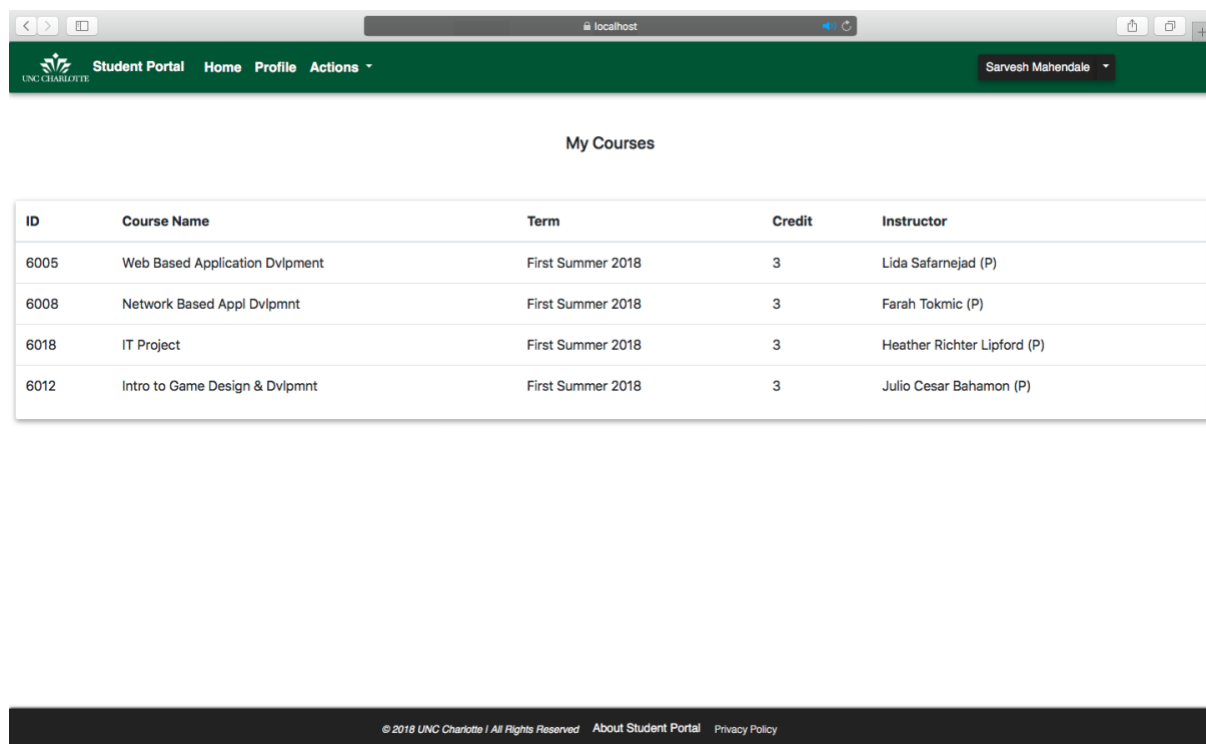
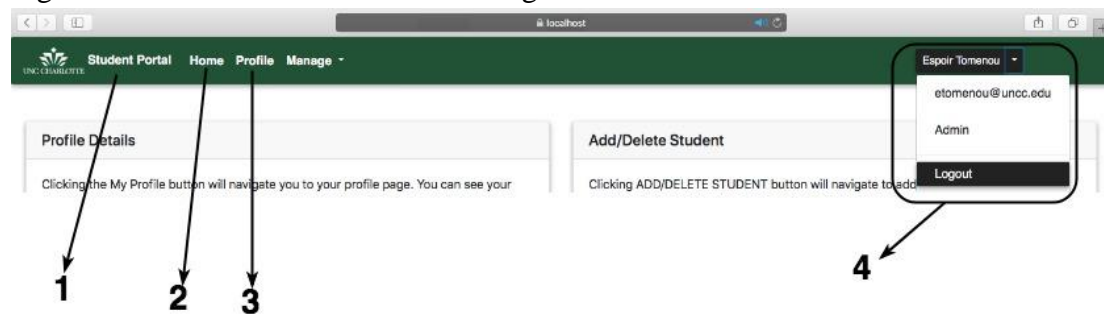


Figure 10.1 - My Courses Page

11.Navigation Bar

Navigation Bar is an important part of Web Application as it allows user to navigate through different pages. In the Student Portal Web Application as well the navigation bar allows its

users to navigate through different web pages to perform their needs. As Admin user and student have different functionalities, the buttons or links on navigation bar for two different kind of users are also different. However, there are common items for both user on nav bar. Figure 11.1 Describes the common navigation bar functions.



1. on clicking the name of the application, user will be redirected to respective home page.
2. Home button also allows both Admin and Student to navigate to their home page.
3. Profile button takes user to profile page, where they can view or edit their personal information
4. The small section on the right corner of the navigation bar displays the user name, and the drop down on click displays the basic user information such as email id and role. It also has Logout button on click user successfully logs out of system.

Figure 11.1 - Navigation bar common functionalities.

11.1 Admin Navigation Bar

Admin get a **Manage** button on the navigation bar which will have the three buttons to each of the functionalities, such as Add/Delete student or Manage Student, Add/Delete Course or Manage Course, and Manage Term. Figure 11.1.1 shows the admin navigation bar.

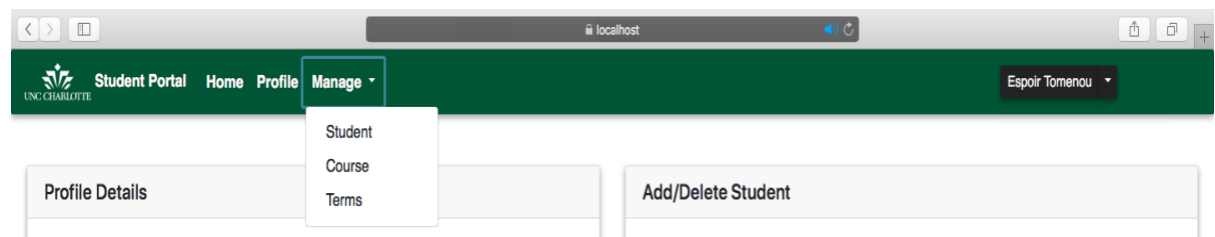


Figure 11.1.1 - Navigation bar of Admin user.

11.2 Student Navigation Bar

Student Navigation bar has an Action Button, which has three buttons to each of the functionalities such as, Add Course, Drop Course, and View Courses or My Courses. Figure 11.2.1 shows the navigation bar of student.

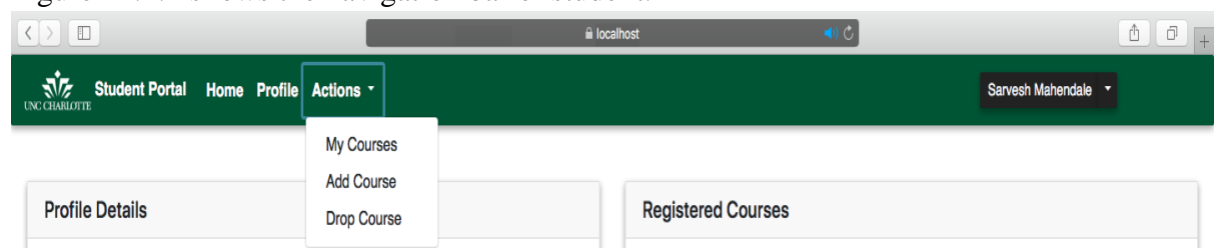


Figure 11.2.1 - Navigation bar of Student.

12.Footer

Footer of the Student Portal is kept very simple with only copyright information and **About Student Portal** link to give the instructions about the application. On clicking the About

Student Portal link a window pops up containing the User Manual, user can either print or download the manual based on the browser capacity. Figure 12.1 Shows the Footer and User Manual Window.

13. Logout

On clicking the Logout button from the Navigation bar drop down, user will be logged out from the System and redirects the user to logged out page where it has a button again to Login. Figure 13.1 shows the logged-out page.

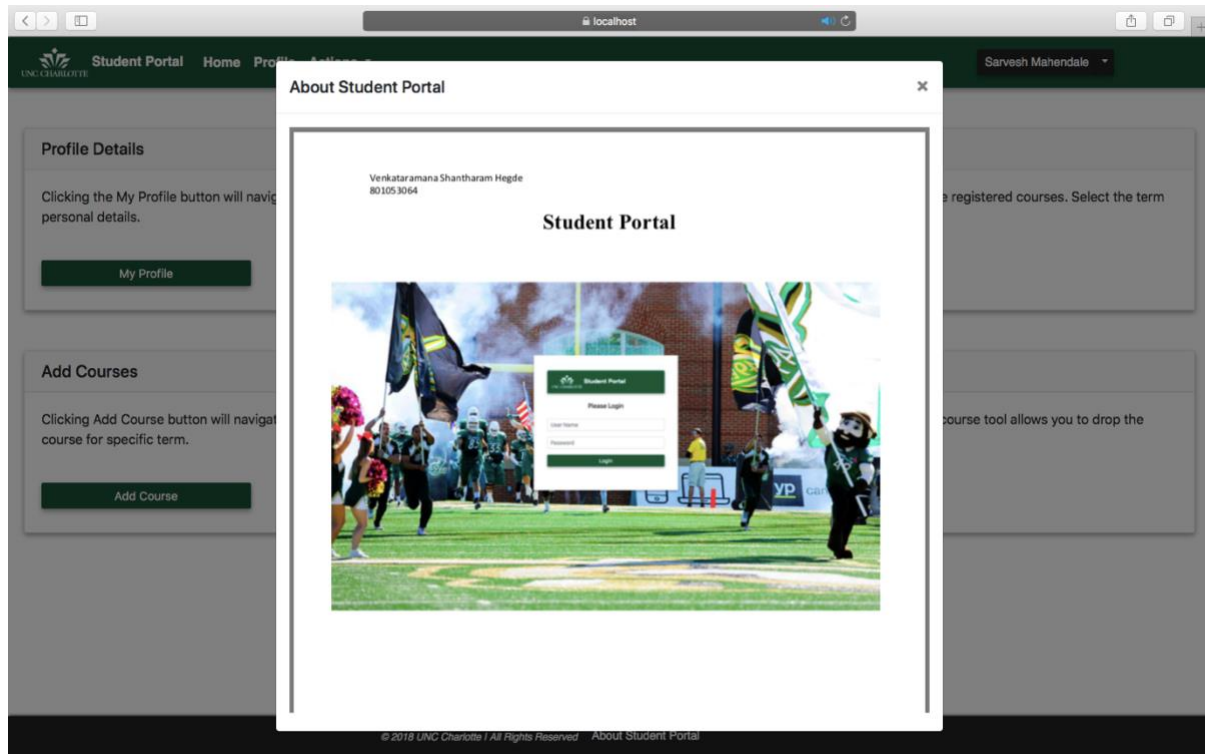


Figure 12.1 - Footer and User Manual

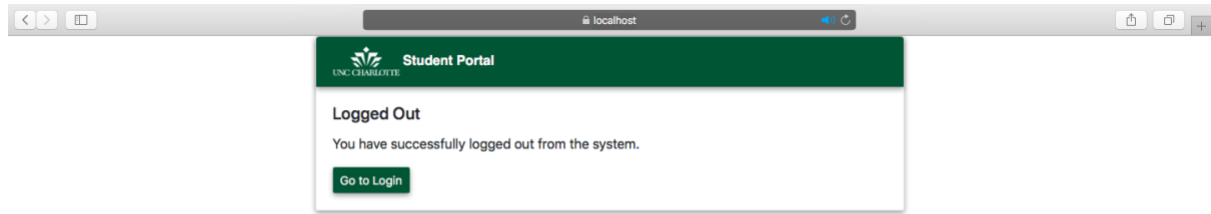


Figure 13.1 – User Logged Out Screen