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| Full Stack Web Development Specialization Capstone Project |
| UI Design and Prototyping |
| Course Manager |

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| Francisco Villar  4/16/2017 |

1. Introduction

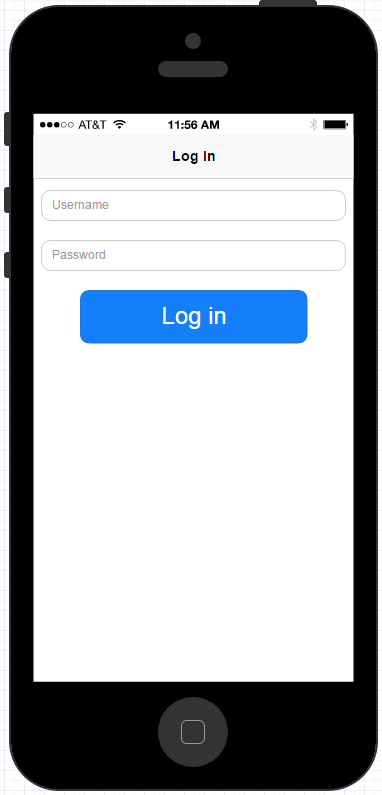
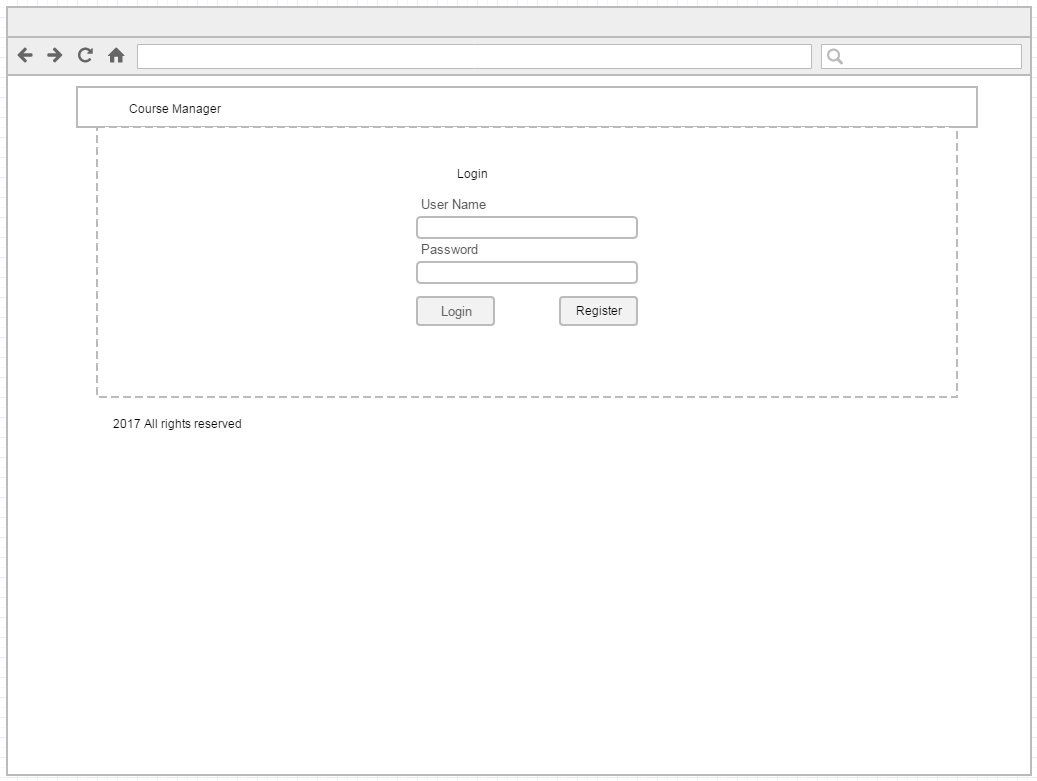
While developing an app, you go though many different tutorial videos in order to get the skills you need. That’s why I want to create Courses Manager, an app that tracks all the different courses/videos that a user sees to avoid watching a video multiple times if I don’t want to.

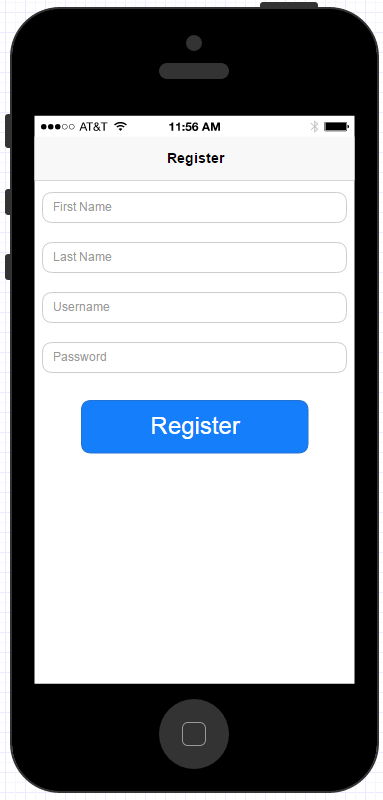
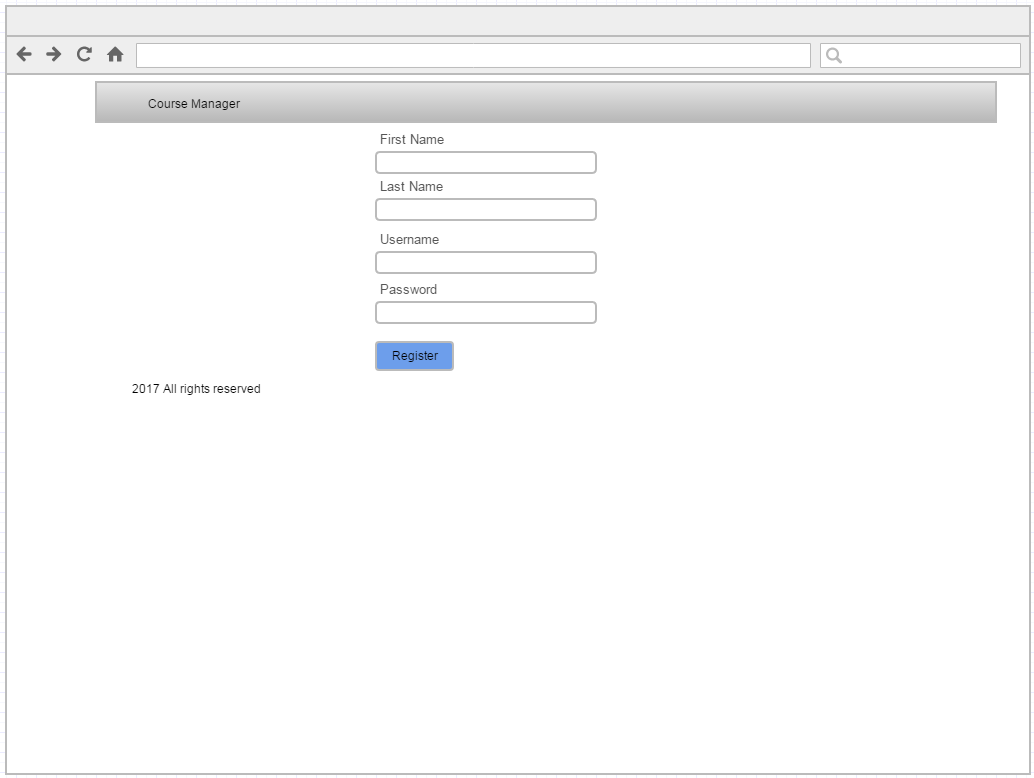
In Course Manager the user will be able to login and register to the website. Also, the user will be able to View, Add, Edit and Delete courses from their profile. Finally, and more important, the user will be able to access the about us page.

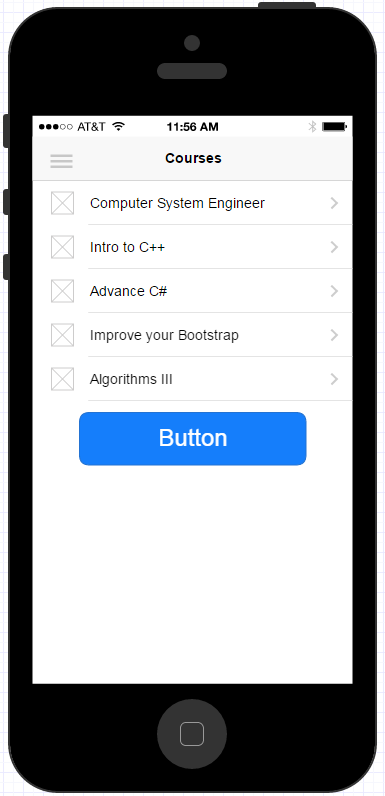
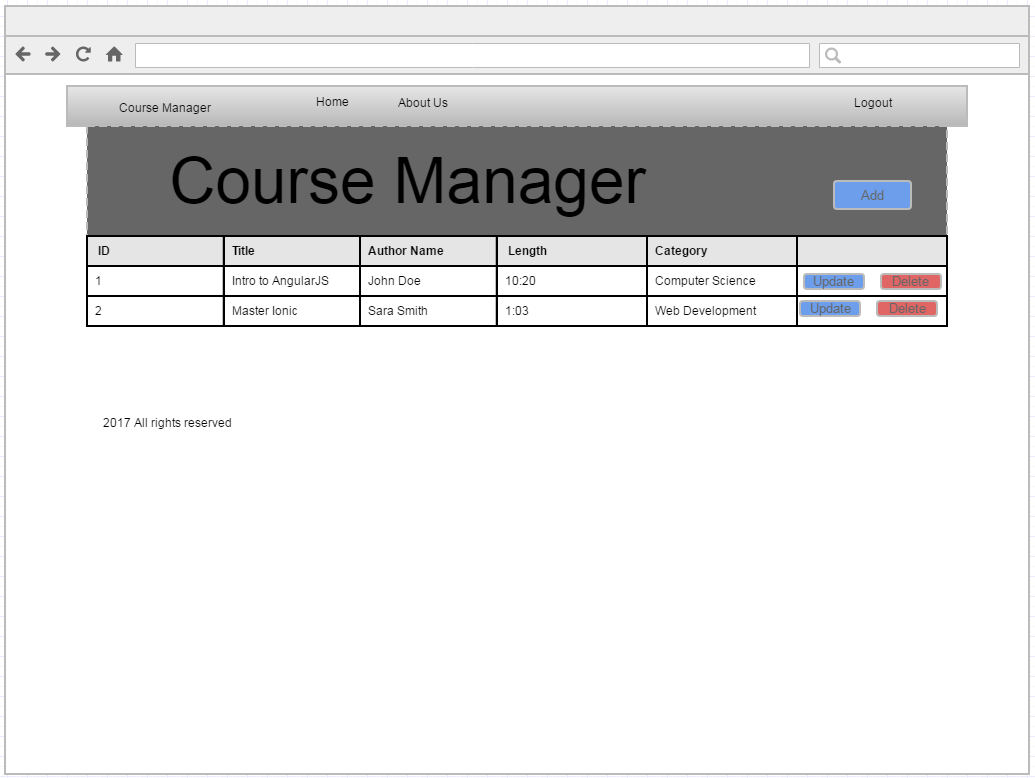
2. User Interface Design and Prototype

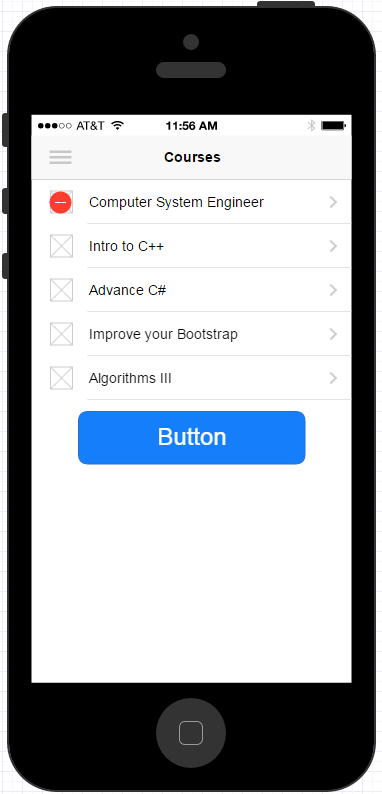
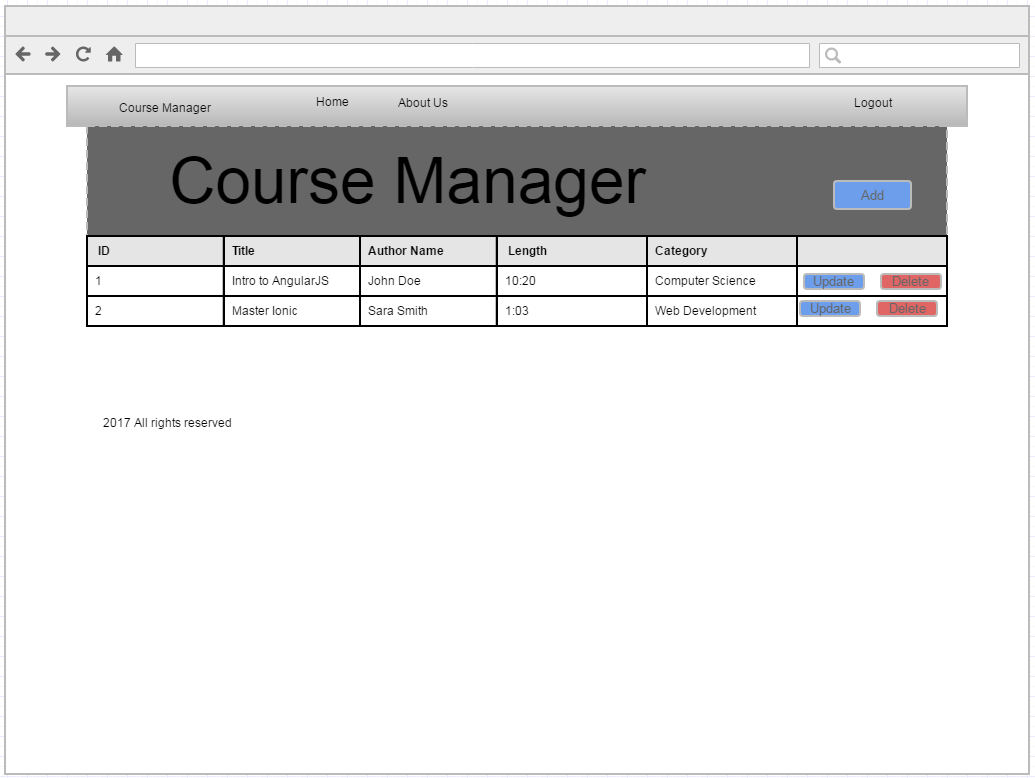
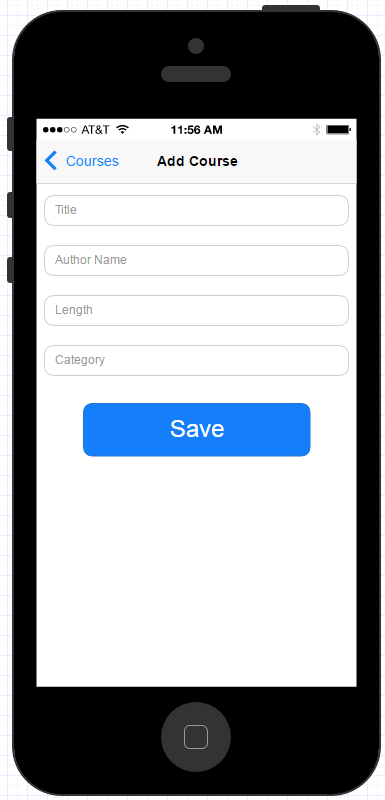
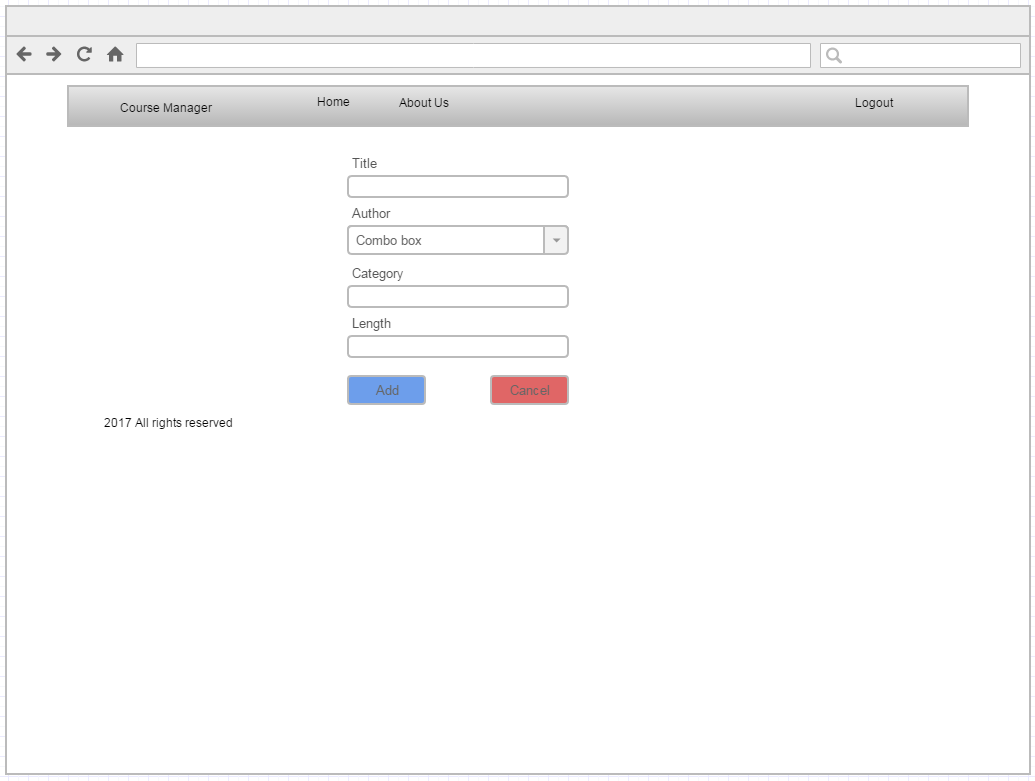
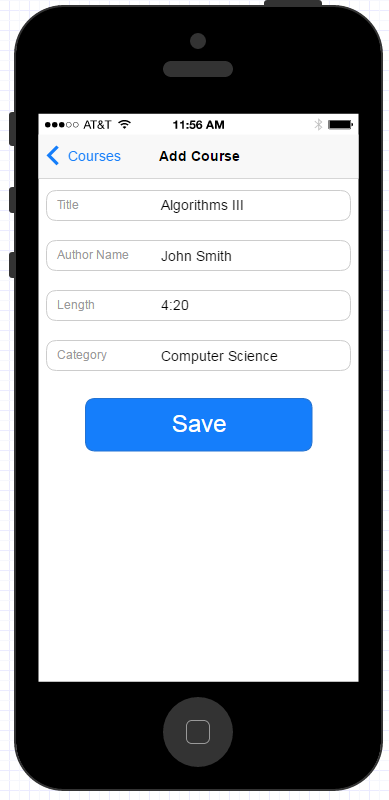
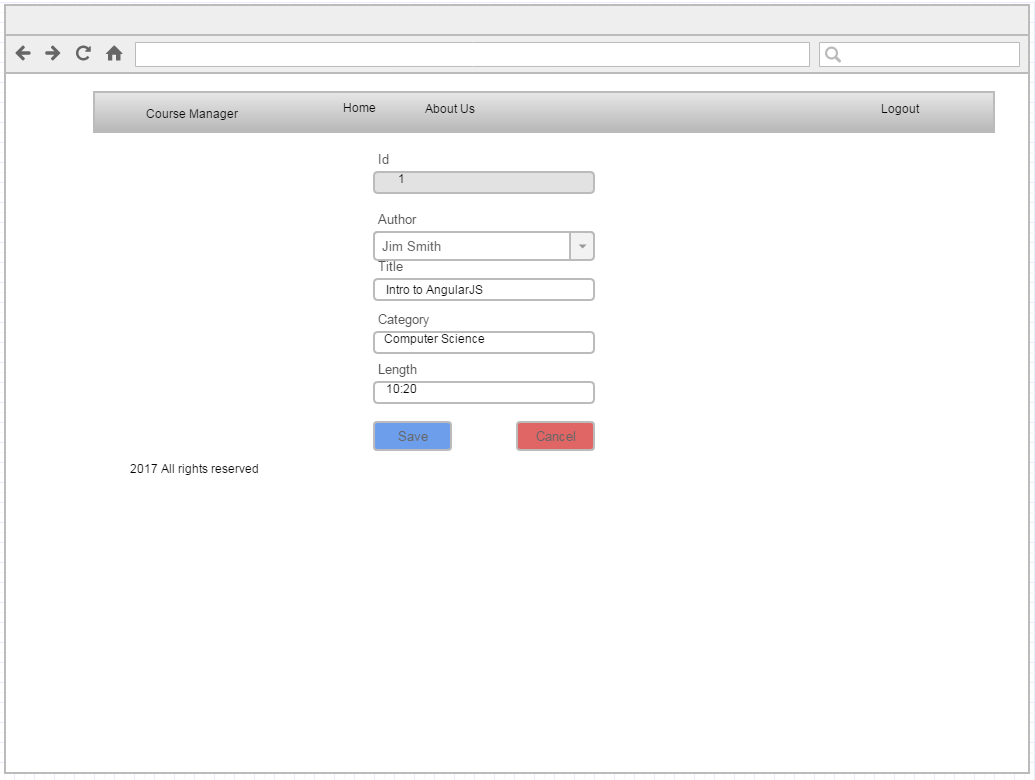
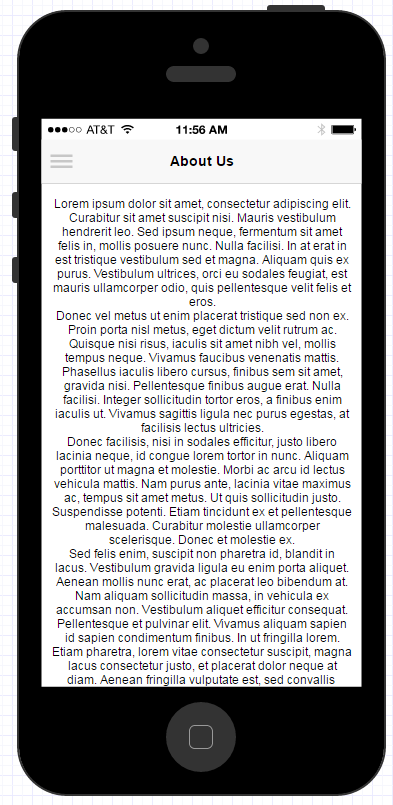
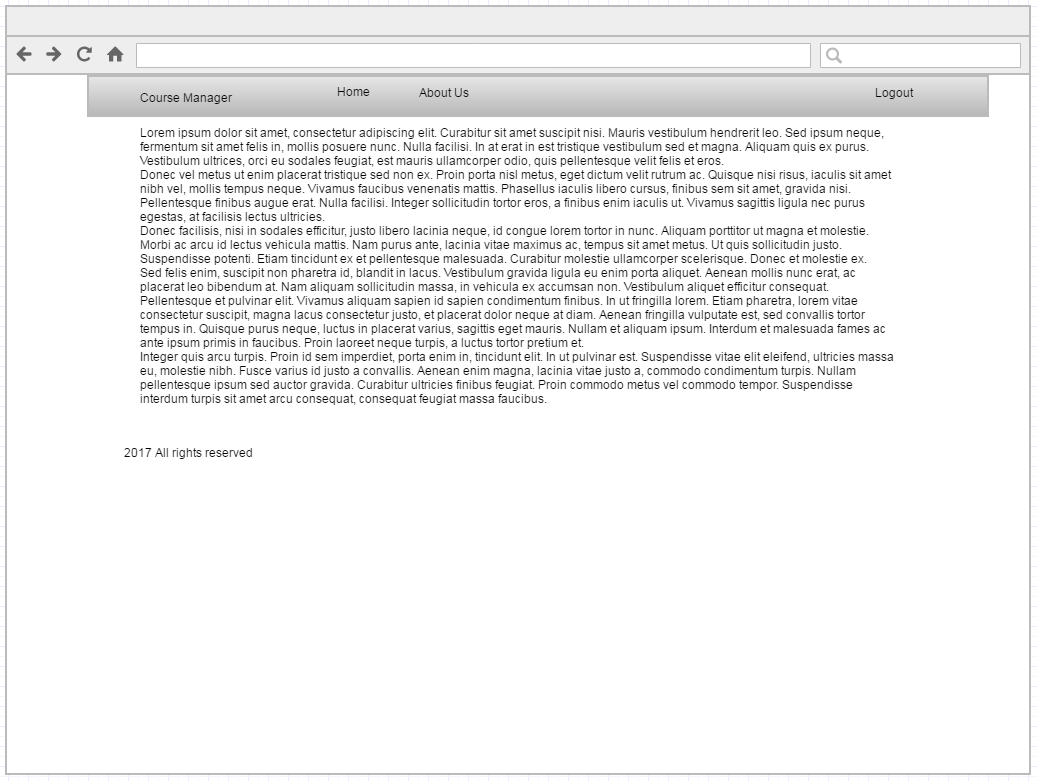
On this section you will find all the features with some mocks on how it is going to look like. I have in mind to have a clear or light UI that will be pretty intuitive for the users to go from one view to another. In general, the views are going to be either forms or list that will display data. In more detail, below you will see the features on this app.

* **Authentication**: As a basic way to get in the app, you need to provide your credentials. The design it is as simple as a form with buttons and links to provide the log in functionality.



* **Site Registration**: In the case that there is a new user for the app, and the user does not have credentials to access it already, then the user can go to the Registration page, where he can input a form with all the basic information, such as: first and last name, username, and password. By clicking register, the system will catch the user’s data.  
  
* **View Courses**: The view courses is the main view on the application, where the user can see all of the courses he/she logged in the app already. Here the easiest way to show is on a list format. Also, if the user needs to add a new course, he/she can press the add button to navigate to the new course view.



* **Delete Course**: In case a user wants to remove a course from the list the user will need to click on the delete button on the web view or swipe and click on the delete button on the mobile view  
  
* **Add Course**: This is a form were the user will input the course information that later will be displayed on the view courses view. This will consist on different inputs fields, both text and drop downs with buttons to add. In case the user needs to cancel the action, then he can click on the cancel button on the web view or just go back to the courses in the phone view.  
  
* **Update Courses**: By clicking on a course on the view list, it will redirect the user to navigate to the update course view. This is a form that will be prepopulated with the data of the course you choose on the course view section; here you can make any change and click save to update the data. For cancelling the changes done, the user will need to click on the cancel button for the web view or just go back to courses in the phone view.  
  
* About Us: This is a simple view that will display text on how we are and some basic information that the user will need.  
  

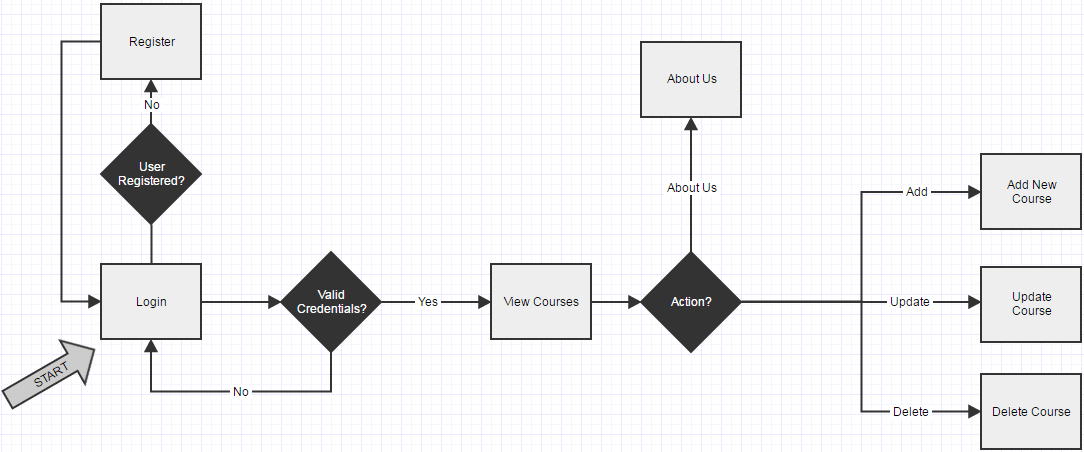
3. Navigation Structure

The application will have the following views:

* Login
* Registration
* View Courses
* Add Course
* Update Course
* About Us

Within the application there will be a navigation bar on the web view or a side menu on the phone view, from there the user can move around from one view to another, in most cases. There are exception cases like the registration view where the user will navigate directly from the login page to the registration page. Also, for the update detail the user will need to click on the course he/she wants to change.

For more details on how the navigation is going to happen in the app, please see the following navigation diagram.



In summary, the application will be pretty intuitive on how it is going to flow the data around and it will provide navigation bars or side menus to help the user go around the site.

4. References

Wireframe diagrams done with <https://www.gliffy.com>