**Senior Project Status Report**

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CST-451: Senior Project I

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**Summary**

This code release focused on the development and testing of the Login and Registration Modules. The development implemented the necessary database collection, the User Data Services, the User Business Services, and the Welcome Controller. Also implemented in this initial release were the basic application framework and scaffolding; excluding the frontend CSS, layouts, and NavBar; that enable an end user to register and login into the application.

**Requirements**

This code release supports the following Features and User Stories:

|  |  |  |
| --- | --- | --- |
| **Feature** | **User Story** | **Justification** |
| Registration | As a user, I want to include my first name upon creating an account | So that my first name may be visible to other users on the website. |
| Registration | As a user, I want to include my last name upon creating an account | So that my last name may be visible to other users on the website. |
| Registration | As a user, I want to include my email address upon creating an account | So that I may be uniquely identified by my email address for authentication on the website. |
| Registration | As a user, I want to create a password upon creating an account | So that I may prove my identification on the website. |
| Registration | As a user, I want to be notified when I leave my first name blank upon registration | So that I may be given the opportunity to include my first name. |
| Registration | As a user, I want to be notified when I leave my last name blank upon registration | So that I may be given the opportunity to include my last name. |
| Registration | As a user, I want to be notified when I leave my email blank upon registration | So that I may be given the opportunity to include my email. |
| Registration | As a user, I want to be notified when I leave my password blank upon registration | So that I may be given the opportunity to include my password. |
| Registration | As a user, I want to be notified when I enter non-alphanumeric characters for my first name | So that I may be given the opportunity to remove non-alphanumeric characters from my first name. |
| Registration | As a user, I want to be notified when I enter non-alphanumeric characters for my last name | So that I may be given the opportunity to remove non-alphanumeric characters from my last name. |
| Registration | As a user, I want to be notified when I enter a first name that does not contain between 2 and 32 characters | So that I may adjust the length of my first name. |
| Registration | As a user, I want to be notified when I enter a last name that does not contain between 2 and 32 characters | So that I may adjust the length of my last name. |
| Registration | As a user, I want to be notified when the email address I attempt to submit does not fit the standard email address expression | So that I may format my email to fit the standard email address expression |
| Registration | As a user, I want to be notified if my password input does not consist of 6 to 16 characters | So that I may input a password of appropriate length |
| Registration | As a user, I want to be notified whenever there is a registration error on the website | So that I may be made aware when an issue has occurred when I attempt to create an account. |
| Login | As a user, I want to input my email upon logging in | So that the website can identify me. |
| Login | As a user, I want to input my password upon logging in | So that I may prove that I am the one logging into the site. |
| Login | As a user, I want to be notified whenever there is a login error on the website | So that I may be made aware when an issue has occurred when I attempt to log in. |

**Reports**

Requirements Delivered: 31%

Requirements Delivered to Date: 31%

Requirements Taken Out of Scope: 0%

Refer to the following burndown chart (next page):