**Test Skeleton – Krysta Valenzia**

**Test Skeleton for Unit Test**

**Database:**

* X10 Hosting
  + Databases
    - Database Name: startane\_wp257
* PHPMyAdmin
  + Wp\_users (the list of all active users on the website)
  + Wp\_edamam\_recipe\_recipes
    - Set for API integration
  + Wp\_mpprecipe\_recipes
    - Set for API integration
  + \*\*Waiting for fitness API integration as well

**Test Skeleton for Integration Test**

|  |  |
| --- | --- |
| Test Done | Expected |
| Username is matched correctly in the database | Username is sent to the database which returns the correct user information |
| User can login and view their own progress | After logging in they can view their personal account with the information that has been tracked by the user |
| User selects different titles on the website | Can select Healthy Eating and Tracking and it should take them to the appropriate page |
| Click Healthy Take Out Options | When clicked will take them to the page to find healthy restaurants that are found through API |
| Click Start Tracking | When clicked will take them to the page to enter any information that the user is looking for like Water Intake calculations or BMI calculations |
| Click Registration Page or Login Page | Gives user the choice between registration and log in and will take them to the appropriate page with appropriate fields |

**End to End System Test**

|  |  |
| --- | --- |
| Test Done | Result |
| Open the website | Display the homepage with the options to find healthy eating options, calculate fitness information or register and login page options |
| Healthy Take Out Options Button | Redirects to Healthy Eating Page  The user can choice between 2 API’s   * Restaurants near you * Make healthy food at home |
| Start Tracking Button | Redirects to Tracking Page  The user can choice between widgets   * BMI Calculator * Calorie Calculator * Protein Calculator * Water Intake Calculator |
| Login Button | Redirects to have the user enter email/username and password |
| User login with the correct username and password | It directs to the main homepage with welcome sign |
| User login with incorrect information | It redirects the user to the registration page when the username and password doesn’t match the database, OR will display incorrect password and have the user either try again or have the option of “Forgot Password” |
| Registration Button | Has user fill out appropriate fields so that their information is stored in the database  The guest user gets confirmation email with one time login account and password |
| Registration with email already in use | Redirect new user to input an email that has not been used yet or will have the option of forgot password |
| Registration authentication | User will need to authenticate new registration through their email |
| Registration Complete | Will direct new user to the homepage |
| Tracking Information | User should be able to track what they have previously entered in their profile. Data should be saved into the database so user can only access their own personal information |

**Regression Test Procedure**

If updates are made then we make sure that:

* the login and registration page works correctly and it stores the information correctly in the database.
* All widgets and API’s are still able to track and redirect to appropriate information

If change is made to the database then we make sure that it is connected correctly with the website so that correct information is given when called.