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School of Computing, Engineering and Built Environment

Web Application Development 2

Coursework 2

Test Report & Accompanying Documentation

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“Except where explicitly stated all work in this document is my own”

**Signed: Zuhayr Umar Date: 07/05/2023**

# **GitHub & Video/Live Links**

**???????????**

# **Changes From Original Design**

**?????????????????????**

# **Testing**

## **Test Scope**

Functional Testing was carried out for the following modules:

* Landing page (about.html)
* Nav Bars
* Buttons & ScrollSpys
* Responsiveness
* Login page (login.mustache)
* Sign in Feature
* Register page (register.mustache)
* Register Feature
* Fitness page (fitnessPage.mustache)
* Sign Out Feature
* Displaying Goals Only for Page Category
* Goal Creating
* Goal Editing
* Goal Deleting
* Goal Completing
* Completed Fitness Goal page (completedFitnessGoals.mustache)
* Nutrition page (nutritionPage.mustache)
* Completed Nutrition Goal page (completedNutritionGoals.mustache)
* Healthy Lifestyle page (healthyLifestylePage.mustache)
* Completed Healthy Lifestyle Goal page (completed HealthyLifestyle Goals.mustache)
* New Goal Page (newGoal.mustache)
* Edit Goal Page (editGoal.mustache)

## **Test Cases**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test ID** | **Action** | **Expected Output** | **Pass/Fail** | **Evidence** |
| **1.1** | localhost:3000 | About Us Page loads | Pass |  |
| **1.2** | localhost:3000/about.html | About Us Page loads | Pass |  |
| **1.3** | localhost:3000/ | About Us Page loads | Pass |  |
| **1.4** | Click Button Goals Completed or Add, Edit, Delete or complete Buttons | About Us Page loads | Pass |  |
| **1.5** | Click Section on ScrollSpy | Taken to section clicked | Pass |  |
| **1.6** | Login or Register Clicked | Taken to clicked Page | Pass |  |
| **2** | Screen made smaller. | Nav should collapse and two side columns are hidden | Pass |  |
| **3.1** | http://localhost:3000/login | Login page loads | Pass |  |
| **3.2** | User Signs in with vaild username and password | Fitness page loads | pass |  |
| **3.3** | User Signs in with invaild username and password | Register page loads | pass |  |
| **3.4** | User Signs in with username less than 6 characters and password less than 8 characters | Page Says to enter username with at least 6 and password with at least 8 | pass |  |
| **4.1** | localhost:3000/register | Register page loads | Pass |  |
| **4.2** | User registers with username and password already being used | Register page loads with message | Fail |  |
| **4.3** | User registers with valid username and password | Login page loads | pass |  |
| **4.4** | User Signs in with username less than 6 characters and password less than 8 characters | Page Says to enter username with at least 6 and password with at least 8 | pass |  |
| **5.1** | localhost:3000/fitnessPage | Fitness Page loads up with uncompleted fitness goals displayed | Pass |  |
| **5.2** | Nav Bar Links are clicked | The specific page clicked should display | Pass |  |
| **5.3** | Click Section on ScrollSpy | Taken to section clicked | Pass |  |
| **5.4** | New Goal Button Clicked | New Goal Page loads | Pass |  |
| **5.5** | New Goal Created | New goal submitted, fitness page loads with new goal in goals in progress list | Pass |  |
| **5.6** | Edit Goal Button Clicked | Edit Goal Page Loads | Pass |  |
| **5.7** | Edited Goal Submitted | Fitness page loads after edited goal submitted, display the edited goal | Pass |  |
| **5.8** | Delete Goal Button Clicked | The goal is deleted and removed from goal in progress list | Pass |  |
| **5.9** | Goal Completed Button Clicked | Goal is removed from goal in progress and add to completed goals | Pass |  |
| **5.10** | Goals completed button clicked | Completed goals are displayed instead of goals in progress | Pass |  |
| **5.11** | Sign Out button Clicked | Takes used to about us page | Pass |  |
| **6.1** | localhost:3000/nutritionPage | Nutrition Page loads up with uncompleted Nutrition goals displayed | Pass |  |
| **6.2** | Nav Bar Links are clicked | The specific page clicked should display | Pass |  |
| **6.3** | Click Section on ScrollSpy | Taken to section clicked | Pass |  |
| **6.4** | New Goal Button Clicked | New Goal Page loads | Pass |  |
| **6.5** | New Goal Created | New goal submitted, nutrition page loads with new goal in goals in progress list | Pass |  |
| **6.6** | Edit Goal Button Clicked | Edit Goal Page Loads | Pass |  |
| **6.7** | Edited Goal Submitted | nutrition page loads after edited goal submitted, display the edited goal | Pass |  |
| **6.8** | Delete Goal Button Clicked | The goal is deleted and removed from goal in progress list | Pass |  |
| **6.9** | Goal Completed Button Clicked | Goal is removed from goal in progress and add to completed goals | Pass |  |
| **6.10** | Goals completed button clicked | Completed goals are displayed instead of goals in progress | Pass |  |
| **6.11** | Sign Out button Clicked | Takes used to about us page | Pass |  |
| **7.1** | localhost:3000/healthyLifestylePage | Healthy Lifestyle Page loads up with uncompleted Healthy Lifestyle goals displayed | Pass |  |
| **7.2** | Nav Bar Links are clicked | The specific page clicked should display | Pass |  |
| **7.3** | Click Section on ScrollSpy | Taken to section clicked | Pass |  |
| **7.4** | New Goal Button Clicked | New Goal Page loads | Pass |  |
| **7.5** | New Goal Created | New goal submitted, Healthy Lifestyle page loads with new goal in goals in progress list | Pass |  |
| **7.6** | Edit Goal Button Clicked | Edit Goal Page Loads | Pass |  |
| **7.7** | Edited Goal Submitted | Healthy Lifestyle page loads after edited goal submitted, display the edited goal | Pass |  |
| **7.8** | Delete Goal Button Clicked | The goal is deleted and removed from goal in progress list | Pass |  |
| **7.9** | Goal Completed Button Clicked | Goal is removed from goal in progress and add to completed goals | Pass |  |
| **7.10** | Goals completed button clicked | Completed goals are displayed instead of goals in progress | Pass |  |
| **7.11** | Sign Out button Clicked | Takes used to about us page | Pass |  |

## **Summary Test Results**

**4.2 Failed**