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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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**Contents**

[GitHub & Video Links 3](#_Toc134385549)

[Changes From Original Design 3](#_Toc134385550)

[Sign In/Register Pages 3](#_Toc134385551)

[Completed Goals Section 3](#_Toc134385552)

[Testing 3](#_Toc134385553)

[Test Scope 3](#_Toc134385554)

[Test Cases 4](#_Toc134385555)

[Summary Test Results 13](#_Toc134385556)

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

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

# **GitHub & Video Links**

**GitHub Link -** <https://github.com/Zuhayr313/Web_Dev_CW2.git>

**Video for Website** - [Umar\_Zuhayr\_Web\_Dev\_CW2\_Video.mp4](https://caledonianac-my.sharepoint.com/:v:/g/personal/zumar201_caledonian_ac_uk/EeS3iRINtDZKp4XIv7vzIn8BS691IucXtwWaVzqH6EzK8w?e=Gnc2M0)

# **Changes From Original Design**

## **Sign In/Register Pages**

The layout of the register and login pages were changed to allow for a simpler design to create.

## **Completed Goals Section**

Instead of separate pages for Completed Goal, it was integrated into the Fitness, nutrition and healthy lifestyle pages. This would allow for a user to look at completed goals more easily.

# **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**

The functionality all pages except the register page, work as expected. Test 4.2 does not result as expected. The expected outcome is that the register page loads with message, saying user is already registered. But, when a registered user is submitted, a 401 status appears on the page instead of brining the message up on the register page.