SCHOOL OF COMPUTING, ENGINEERING AND BUILT ENVIRONMENT

WEB APPLICATION DEVELOPMENT 2

COURSEWORK 2: TEST REPORT

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"Except where explicitly stated all work in this document is my own".

Signed: Stacey Cameron   Date: 07/05/2023

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1.Healthify System Tests
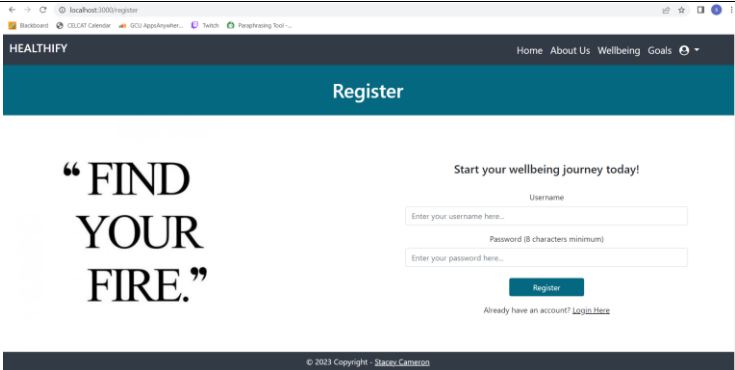
1.1 Test Scope

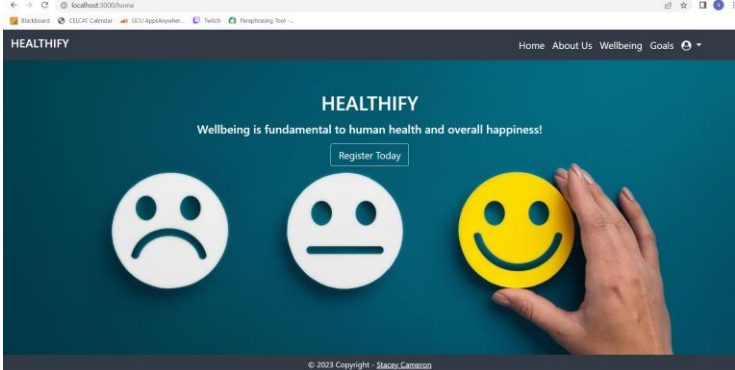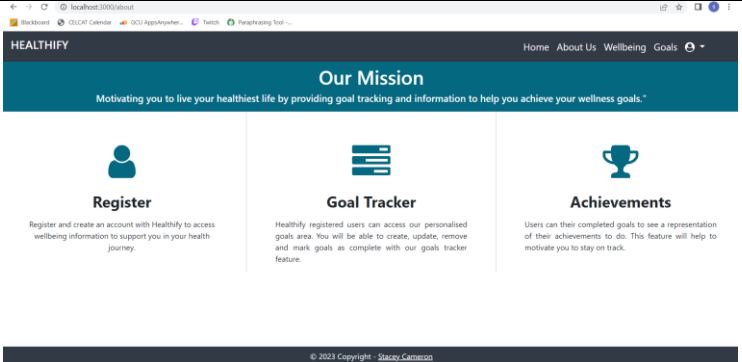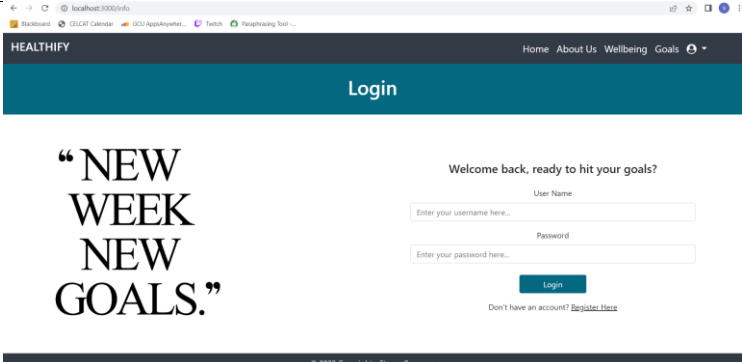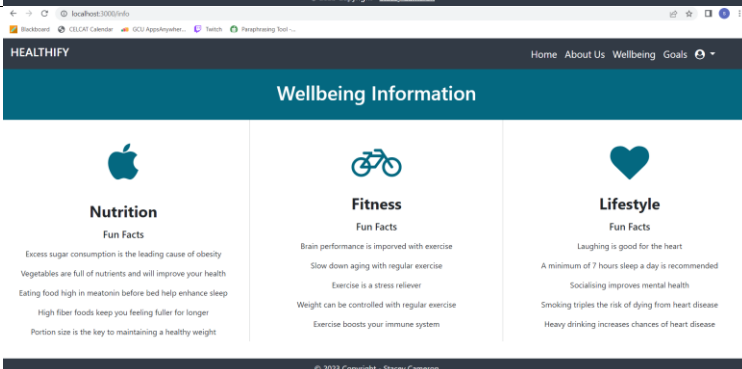Functional testing will be the main testing method used to evaluate Healthify against the specified requirements. Testing was carried out on the following modules:
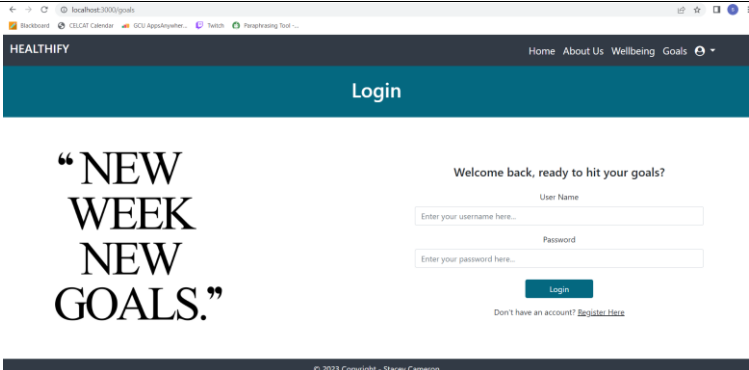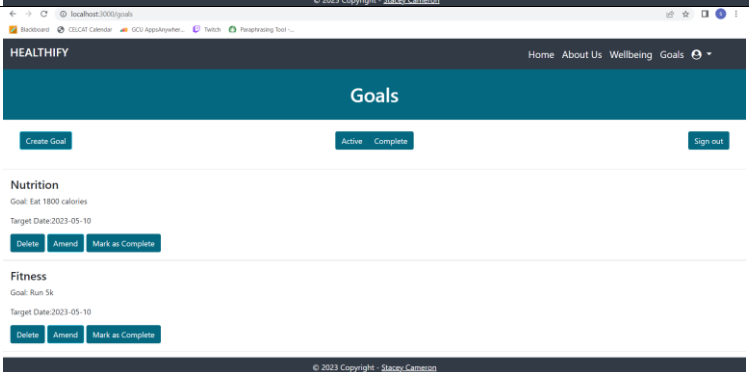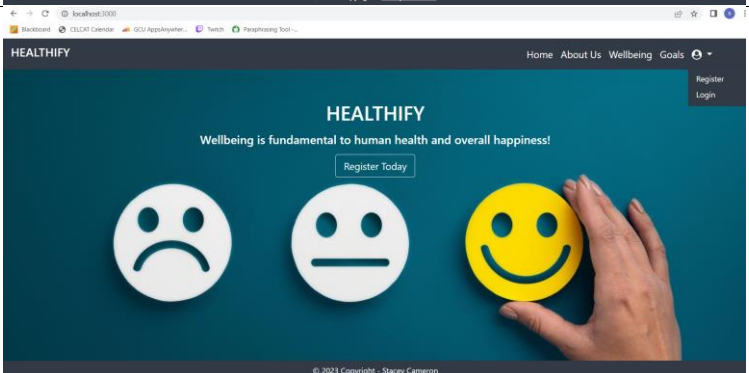
1. Landing Page (landing.mustache)
2. Navbar (navbar.mustache)
3. About Us Page (about.mustache)
4. Wellbeing Information Page (info.mustache)
5. Register Page (register.mustache)
6. Login Page (login.mustache)
7. Goals Page (goals.mustache)
8. Active Goals
9. Completed Goals
10. Create Goal
11. Amend Goal
12. Delete Goal
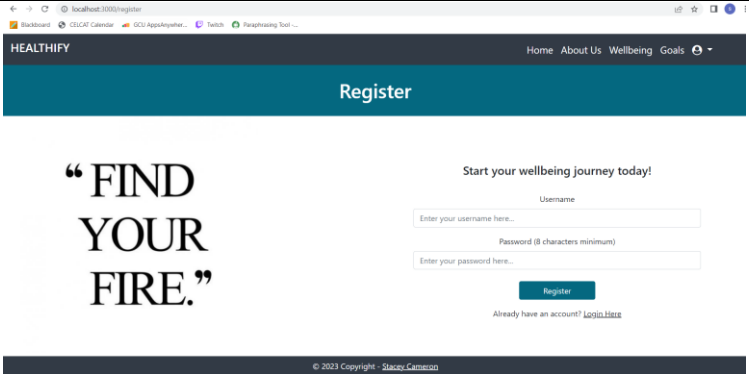13. Mark Goal as Complete
14. Error Page (404)
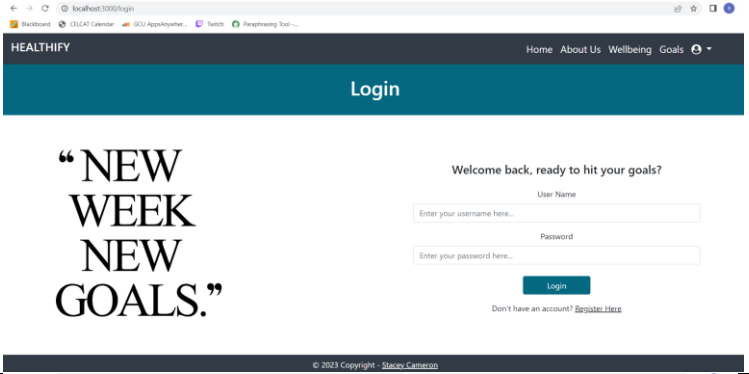
1.2 Test Cases

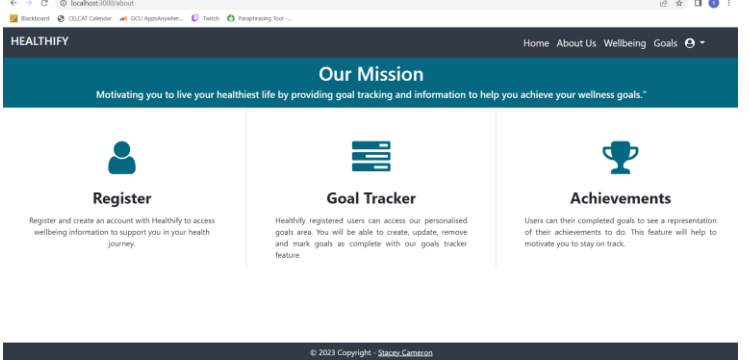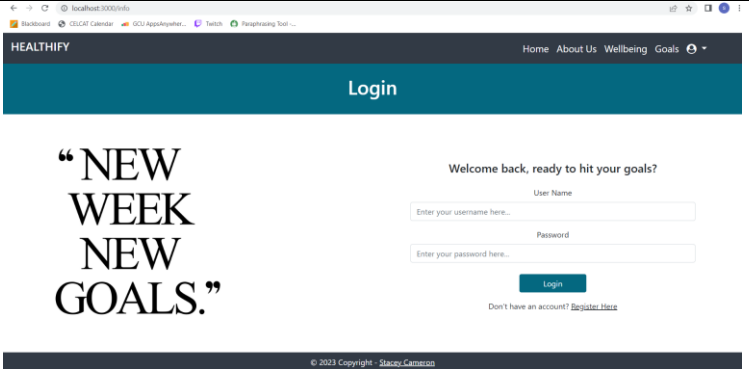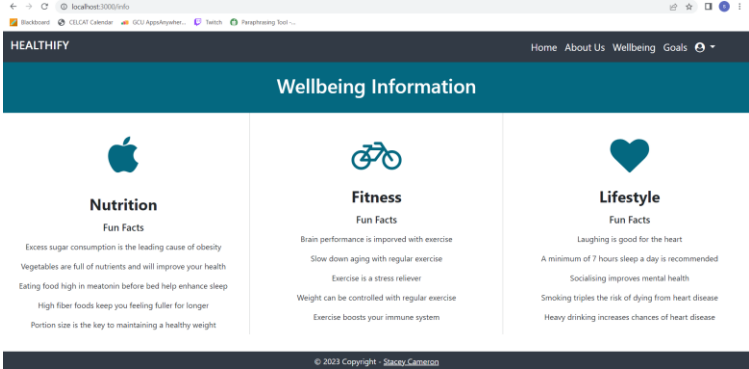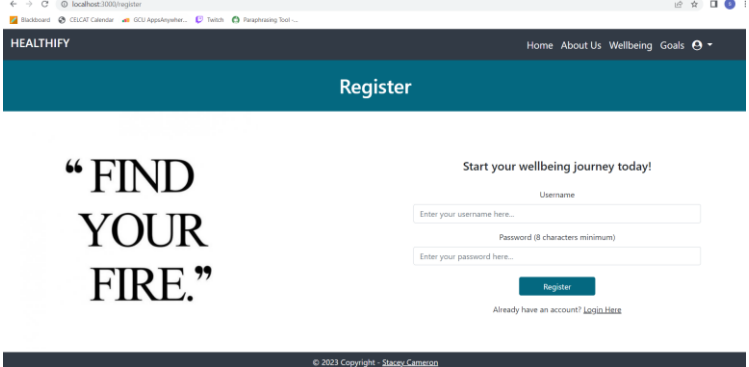| Test ID	Action	Expected Outcome	Status PASS/FAIL	Evidence
1.1	localhost:3000	Home page loads with footer and navbar	PASS	
1.2	localhost:3000/home	Home page loads with footer and navbar	PASS	
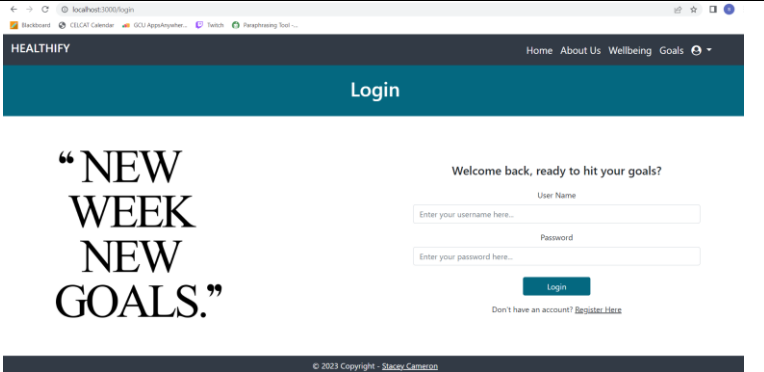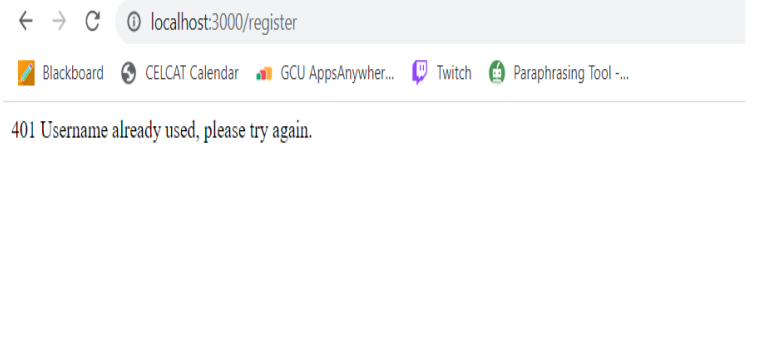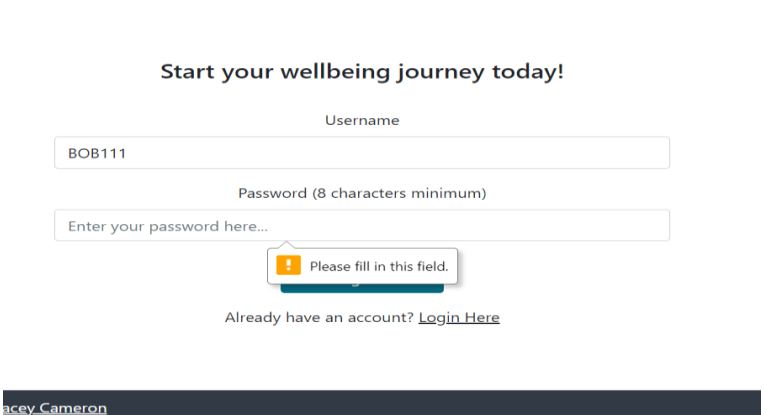
1.3	Click "Register Today"	Register page loads	PASS	
2.1	Click "Healthify" logo in navbar	Home page loads	PASS	
2.2	Click "Home" navbar option	Home page loads	PASS	
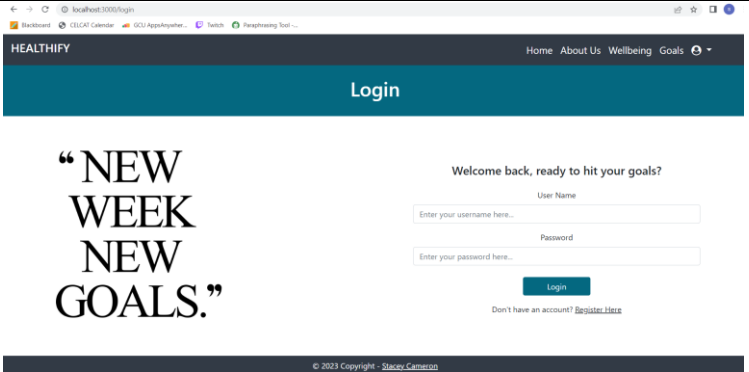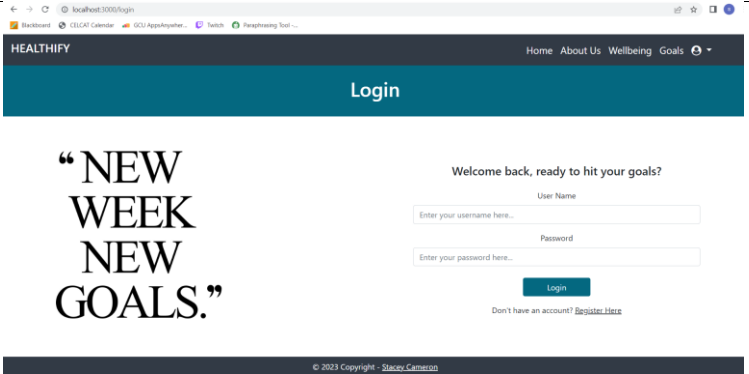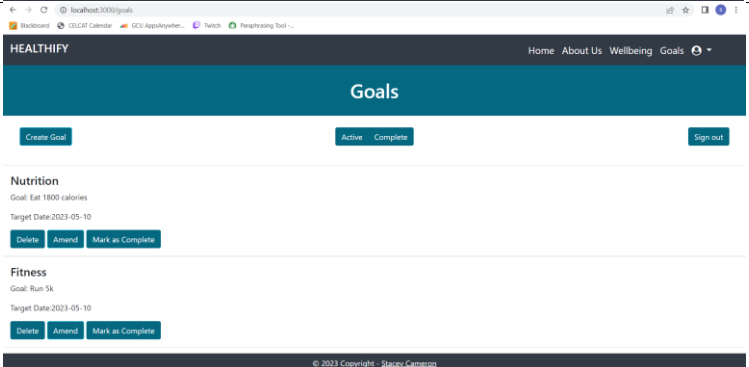
2.3	Click "About Us" navbar option	About us page loads	PASS	
2.4	Click "Wellbeing" navbar option (not logged in)	Login page loads	PASS	
2.5	Click "Wellbeing" navbar option (logged in)	Wellbeing page loads	PASS	
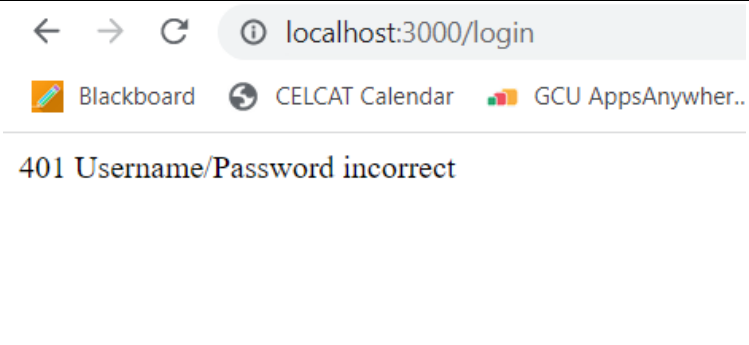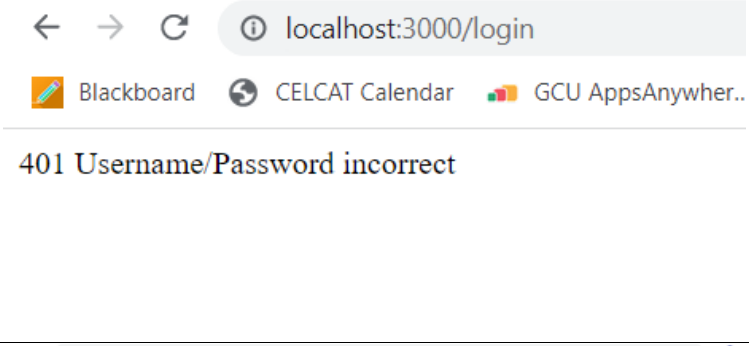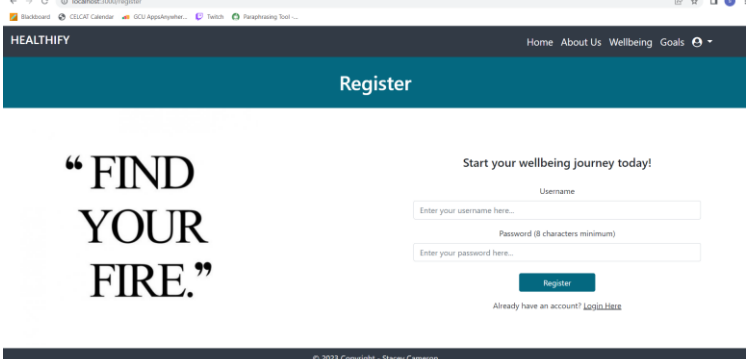
2.6	Click "Goals" navbar option (not logged in)	Login page loads	PASS	
2.7	Click "Goals" navbar option (logged in)	Goals page loads	PASS	
2.8	Click "Account" avatar navbar option	Dropdown menu displays	PASS	
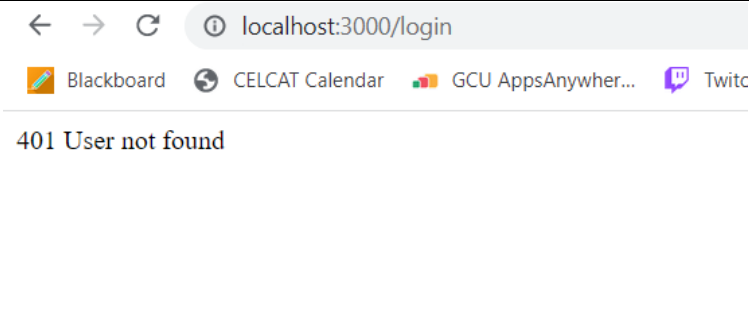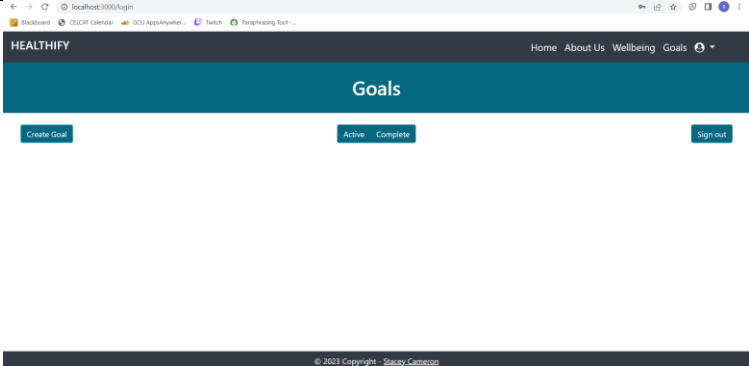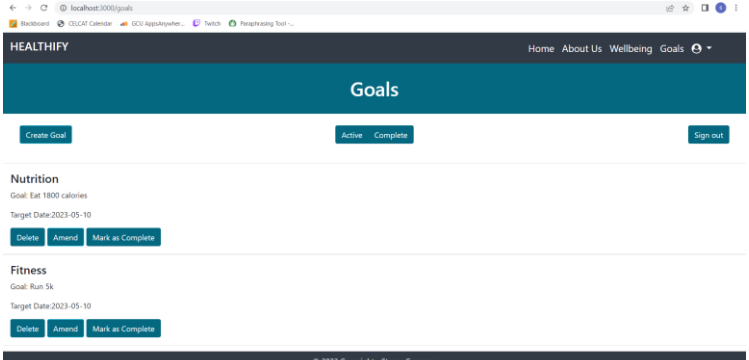
2.9	Click "Register" navbar option	Register page loads	PASS	
2.10	Click "Login" navbar option	Login page loads	PASS	
3.1	localhost:3000/about	About us page loads	PASS	
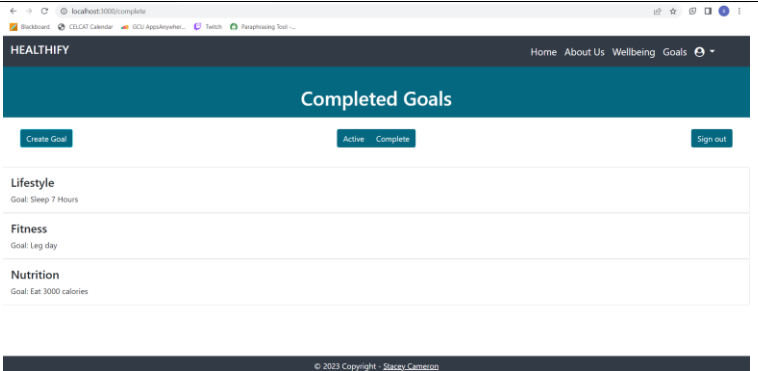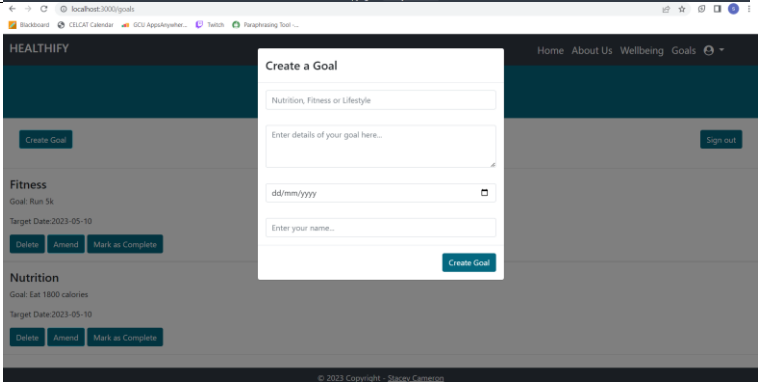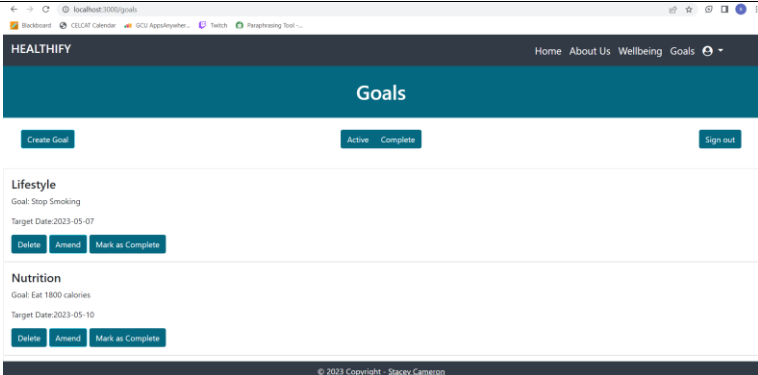
4.1	localhost:3000/info (user not logged in)	Login page loads	PASS	
4.2	localhost:3000/info (user logged in)	Wellbeing information page loads	PASS	
5.1	localhost:3000/register	Register page loads	PASS	
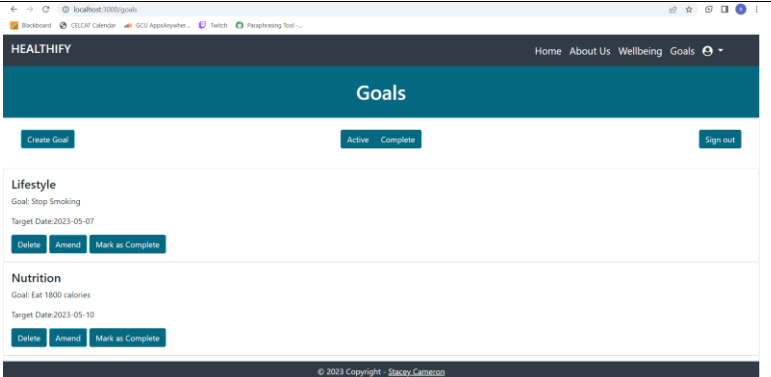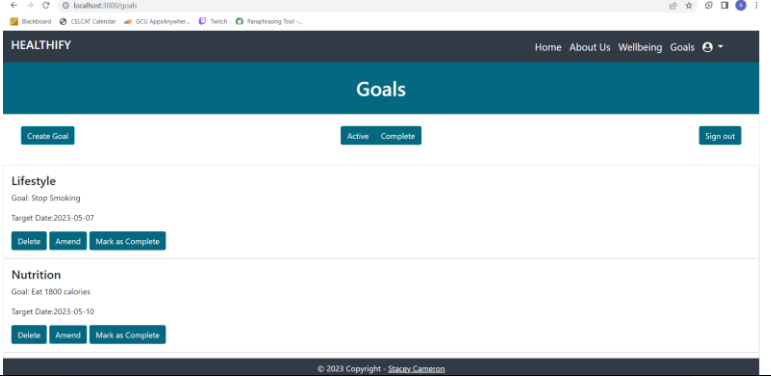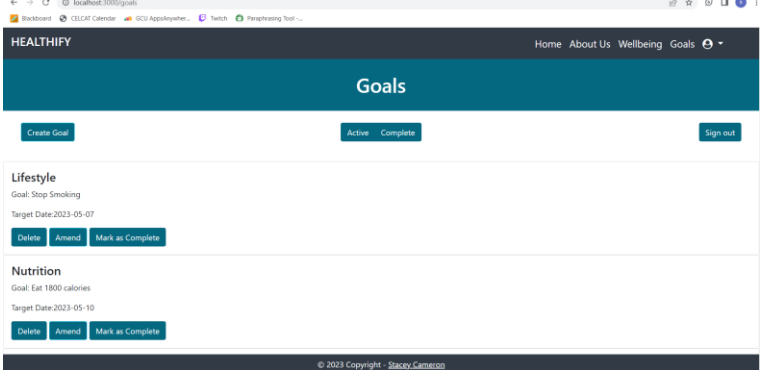
5.2	Fill form with new username and password and click "Register" button	User created and login in page loads	PASS	
5.3	Fill form with existing username and click "Register" button	401 error message displayed	PASS	401 Username already used, please try again.
5.4	Fill only one text field and click "Register" button	Pop up prompt message displayed	PASS	
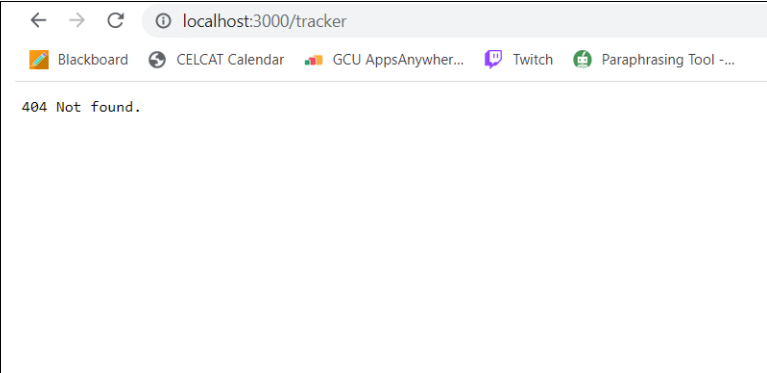
5.5	Click "Login Here" link	Login page loads	PASS	
6.1	localhost:3000/login	Login page loads	PASS	
6.2	Enter correct user details	Goals page displayed	PASS	

6.3	Enter incorrect username	Error message "incorrect username/password"	PASS	
6.4	Enter incorrect password	Error message "incorrect username/password"	PASS	
6.5	Click "Register Here" link	Register page loads	PASS	

6.6	Fill only one text field and click "Login" button	Error message "user not found"	PASS	
7.1	localhost:3000/goals	Goals page loads	PASS	
8.1	Click "Active" button	List of active goals displayed	PASS	

9.1	Click "Complete" button	List of completed goals displayed	PASS	
10.1	Click "Create Goal" button	Modal pop up form displayed	PASS	
10.2	Fill out pop up form and click "Create Goal"	New goal added to active list	PASS	

11.1	Click "Amend" button	Modal pop up form displayed	FAIL – goals page reloads	
12.1	Click "Delete" button	Goal entry deleted	FAIL – goals page reloads	
13.1	Click "Mark as Complete" button	Goal entry moved to complete list	FAIL – goals page reloads	

14.1	localhost:3000/tracker	404 not found error message displayed	PASS	

1.3 Test Summary

The functionality of all pages with the exception of the goals page work as expected. The goals page currently display users active goals and completed goals, as well as allowing the user to create a new goal. Unfortunately, due to time constraints and experience I was unable to achieve a functioning amend, delete and mark as complete feature.

1.4 Changes Justification

During development several changes were made to the original development plans. The main changes being the removal of an achievements page and the layout of the goals page. Small changes were also made to the colour scheme and home page design.

- The achievements page was not a mandatory requirements and was removed due to time constraints.
- The goals page layout was amended after lecture feedback.
- The colour scheme was updated for user experience.
- The homepage now includes a full background hero image in place of the original banner hero image.