UAT - Final Report

Test Environment: the project was tested in the localhost environment for all test cases

1st Feature:
Acceptance Criteria for Login Page:

- The user should only be able to log in using the username and password they registered with.
- An incorrect username should redirect the user to the register page.
- An incorrect password should not allow login and should create a message stating "incorrect password".
- A successful login should redirect the user to the home page.

Test Case 1: User logs in with correct credentials:
- Description: the user enters the correct username and password
- Data:
    - Username: username that they registered with (ex: test123)
    - Password: password that they registered with (ex: password123)
- User activity (once user has an account):
    - Enter in username
    - Enter in password
    - Click login button
- Test results: User is taken to homepage
- User acceptance: User who workouts
- Actual test results:
    - The user entered their correct credentials and were taken to the home page without any bugs or errors.

Test Case 2: Incorrect username
- Description: the user enters an incorrect username
- Data:
    - Username: Incorrect username (ex: wrong123)
    - Password: Can be correct or wrong password (ex: password123)
- User activity:
    - Enter wrong username
    - Enter password
    - Click login button
- Test results: User is taken to the register page
- User acceptance: User who workouts, but an unregistered user
- Actual test results:
    - The user entered an incorrect username and the user was successfully directed to the register page without bugs.

Test Case 3: Incorrect password
- Description: The user enters an incorrect password
- Data:

- - Username: correct username (ex: test123)
    - Password: wrong password (ex: incorrectpassword123)
  - User activity:
    - Enter correct username
    - Enter wrong password
    - Click login button
  - Test results: User stays on login page, but message displayed stating "incorrect password"
  - User acceptance: User who workouts
  - Actual test results:
    - The user entered the correct username, but wrong password, and the user successfully stayed on the login page, and the "incorrect password" message was displayed.

2nd Feature: Acceptance Criteria for Schedule Page:
- User should be able to view their workout schedule for the week
- Users should be able to add a workout to their schedule based on a specific day of the week and specific time.
- Users should be able to delete or edit each workout in their plan.

Test Case 1: Adding workout
- Description: The user adds an workout to their schedule
- Data:
  - Day: select The day of the week to add the workout to (ex: Sunday)
  - Start time: Select specific start time (ex: 12:00 pm)
  - Workout: Add specific workout (ex: Legs)
- User activity (need to already have an workout created):
  - Go to the "my plan" page
  - Select the add button based on day wanting to add
  - Select the start time
  - Select the workout
  - Click add to schedule button
- Test results: User stays on my plan page and new workout is added to calendar
- User acceptance: User who workouts
- Actual test results:
  - The user was able to click the add button, specify a time and workout for their plan. The workout was successfully added to the plan without any errors.

Test Case 2: Deleting workout
- Description: The user deletes an workout from their schedule
- Data:
  - No data needs to be entered
- User activity:

- Go to the "my plan" page
- Click "view more" button on the workout user wants to delete
- Then click "delete workout from schedule" button
- Test results: User stays on my plan page and the workout is deleted from calendar
- User acceptance: User who workouts
- Actual test results:
  - The user clicked the "view more" button, then the "delete workout from schedule" to delete the workout. The workout was successfully deleted from the calendar without any errors.

Test Case 3: Editing workout
- Description: The user edits an workout in their schedule
- Data:
  - Day: select the new day of the week (ex: Monday)
  - Start time: select the new specific start time (ex: 1:00 pm)
- User activity:
  - Go to the "my plan" page
  - Click "view more" button on the workout user wants to edit
  - Then click "edit workout day/time" button
  - Update day or time
  - Click "submit edit" button
- Test results: user stays on my plan page and the workout edits are updated
- User acceptance: user who workouts
- Actual test results:
  - The user clicked the "view more" button, then the "edit workout day/time" button, and put in data to edit the workout. The workout edits were successfully displayed on the plan without errors.

3rd Feature: Acceptance Criteria for Register Page:
- The user should be able to register with their credentials: email, username, and password, and birthday.
- If the username is already taken, the user should receive an error message and be prompted to enter different credentials.
- Upon successful registration, the user should be redirected to the login page and their data should be stored in the database. Mandatory fields
  - username
  - email
  - birthday
  - password and confirm password

Test Case 1: New email/username:
- Description: The user registers for an account
- Data:

- ○ Username: user that is not already taken (ex: test1)
- ○ Email: any valid email
- ○ Birthday: any birthday
- ○ Password/confirm password: passwords that match
- ● User activity:
  - ○ Go to the register page
  - ○ Enter in:
    - ■ username
    - ■ email
    - ■ birthday
    - ■ password
    - ■ Confirm password that matches the original password
  - ○ Click the "Register" button
- ● Test results: Data is added to the database and the user is redirected to the login page.
- ● User acceptance: User who workouts
- ● Actual test results:
  - ○ The user entered valid credentials with a username that was not already taken. The user was successfully taken to the login page.

Test Case 2: already taken username:
- ● Description: The user registers with an username already taken
- ● Data:
  - ○ Username: user that is taken
  - ○ Email: any valid email
  - ○ Birthday: any birthday
  - ○ Password/confirm password: passwords that match
- ● User activity:
  - ○ Go to the register page
  - ○ Enter in:
    - ■ username that is already taken
    - ■ email
    - ■ birthday
    - ■ password
    - ■ confirm password that matches the original password
  - ○ Click the "Register" button
- ● Test results: User stays on the register page and a message is displayed stating "Username already exists"
- ● User acceptance: User who workouts
- ● Actual test results:
  - ○ User entered a username that already existed and they stayed on the register page and the "Username already exists" message appeared with no bugs or errors

Testing observations: The user's behavior was consistent with all the use cases and the user's actions followed clost to the user activity for each test case; therefore, no changes were made to the application based on the user testing.