

FitLab Test Plan

Identification and Classification	Test Case 01 - Register new account that is untaken System: FitLab Module: Register Interface, User, Backend Severity: Important
Instructions	<ol style="list-style-type: none"> 1. User clicks register 2. User inputs something for Name, valid username, and a valid password 3. User clicks register button again
Expected Result	<ol style="list-style-type: none"> 1. The account is successfully registered

Identification and Classification	Test Case 02 - Register new account that is already taken System: FitLab Module: Register Interface, User, Backend Severity: Critical
Instructions	<ol style="list-style-type: none"> 1. User clicks register 2. User fills out required inputs but gives a username already taken 3. User clicks register button again
Expected Result	<ol style="list-style-type: none"> 1. The account will not be registered 2. A message appears saying the username is taken, please choose another one

Identification and Classification	Test Case 03 - Register new account with invalid inputs System: FitLab Module: Register, User, Backend Severity: Important
Instructions	<ol style="list-style-type: none"> 1. User clicks register 2. User fills out required inputs, but passwords don't match 3. User clicks register again
Expected Result	<ol style="list-style-type: none"> 1. The account will not be registered 2. A message appears saying the passwords don't match. The system notifies the user to type it again

	correctly
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Identification and Classification	Test Case 04 - Login with correct credentials System: FitLab Module: Login Interface, User, Backend Severity: Critical
Instructions	<ol style="list-style-type: none"> 1. User inputs a registered username and correct password 2. User clicks on login button
Expected Result	<ol style="list-style-type: none"> 1. The login was successful 2. User is logged in and redirected to the main page of the app

Identification and Classification	Test Case 05 - Login with incorrect password System: FitLab Module: Login Interface, User, Backend Severity: Important
Instructions	<ol style="list-style-type: none"> 1. User inputs a username with an invalid password 2. User clicks on login button
Expected Result	<ol style="list-style-type: none"> 1. The login is unsuccessful 2. User should not be logged in and redirected to the main page

Identification and Classification	Test Case 06 - Login with a username not registered System: FitLab Module: Important, User, Backend Severity: Important
Instructions	<ol style="list-style-type: none"> 1. User inputs a username and password that has not been registered 2. User clicks on login button
Expected Result	<ol style="list-style-type: none"> 1. The login is unsuccessful 2. User should not be logged in and redirected to the main page

Identification and Classification	Test Case 07 - Login with Google account System: FitLab Module: Login Interface, User, Backend Severity: Workaround
Instructions	<ol style="list-style-type: none"> 1. User clicks on Google button 2. User inputs email address and password 3. User clicks on login
Expected Result	<ol style="list-style-type: none"> 1. If email address and password are correct then user is redirected to main page 2. If email address/password are incorrect, then Google will have their own error message and user will not be redirected to main page

Identification and Classification	Test Case 08 - Login with Facebook System: FitLab Module: Login Interface, User, Backend Severity: Work Around
Instructions	<ol style="list-style-type: none"> 1. User clicks on Facebook button 2. User inputs email address and password 3. User clicks on login
Expected Result	<ol style="list-style-type: none"> 1. If email address and password are correct then user is redirected to main page 2. If email address/password are incorrect, then Facebook will have their own error message and user will not be redirected to main page

Identification and Classification	Test Case 09 - Changing password with correct credentials System: FitLab Module: Settings Interface, User, Backend Severity: Workaround
Instructions	<ol style="list-style-type: none"> 1. User navigates to Settings page from the current page they are on 2. User clicks on change password

	<ol style="list-style-type: none"> 3. User inputs correct password twice and inputs new password 4. User clicks change password button
Expected Result	<ol style="list-style-type: none"> 1. User's password is successfully changed 2. User is redirected to the Exercise List Interface page

Identification and Classification	Test Case 10 - Changing password with incorrect credentials System: FitLab Module: Settings Interface, User, Backend Severity: Important
Instructions	<ol style="list-style-type: none"> 1. User navigates to Settings page from the current page they are on 2. User clicks on change password 3. User inputs password twice incorrectly and inputs new password 4. User clicks change password button
Expected Result	<ol style="list-style-type: none"> 1. User's password is not changed 2. User will still be on the same page

Identification and Classification	Test Case 11 - Creating new training list with valid exercises successfully System: FitLab Module: New List Interface, User, Backend Severity: Critical
Instructions	<ol style="list-style-type: none"> 1. User navigates to new list interface by clicking on the add button in the main page 2. User clicks gives valid exercises to the list and names it 3. User clicks create new list
Expected Result	<ol style="list-style-type: none"> 1. The training list is successfully created 2. User is redirected to the exercise list screen

Identification and Classification	Test Case 12 - Creating new training list with invalid/duplicate exercises System: FitLab Module: New List Interface, User, Backend Severity: Workaround
Instructions	<ol style="list-style-type: none"> 1. User navigates to new list interface by clicking on the add button in the main page 2. User clicks gives no exercises or duplicate ones to the list and names it 3. User clicks create new list
Expected Result	<ol style="list-style-type: none"> 1. The training list is not created 2. The user will be stuck on the same page still

Identification and Classification	Test Case 13 - Sharing progress to social media System: FitLab Module: Settings Interface Severity: Workaround
Instructions	<ul style="list-style-type: none"> • Press “Share Progress” button with a page linked to their account
Expected Result	<ul style="list-style-type: none"> • Progress should be successfully shared to the page

Identification and Classification	Test Case 14 - Sharing progress to social media System: FitLab Module: Settings Interface Severity: Workaround
Instructions	<ul style="list-style-type: none"> • Press “Share Progress” button without a page linked to their account
Expected Result	<ul style="list-style-type: none"> • Progress should not be shared to a

	page, and an error message should appear
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Identification and Classification	Test Case 15 - Viewing the time spent on a particular exercise System: FitLab Module: List View Interface Severity: Important
Instructions	<ul style="list-style-type: none"> Click on the text for the exercise
Expected Result	<ul style="list-style-type: none"> The information including the time spent for the exercise should display

Identification and Classification	Test Case 16 - Graphs that show training history System: FitLab Module: Results Interface Severity: Important
Instructions	<ul style="list-style-type: none"> Keep tracking inputs manually as well as entering them into the app
Expected Result	<ul style="list-style-type: none"> Verify that the math in calculating and displaying the results is correct

Identification and Classification	Test Case 17 - Delete Account from the app System: FitLab Module: Settings, User, Backend Severity: Workaround
Instructions	<ol style="list-style-type: none"> User goes to settings User presses delete account button User must enter correct credentials
Expected Result	<ol style="list-style-type: none"> If the credentials are correct, account and the data is deleted. User is redirected to login interface

Identification and Classification	Test Case 18 - Delete Account from the app with incorrect credentials System: FitLab Module: Settings, User, Backend Severity: Important
Instructions	<ol style="list-style-type: none"> 1. User goes to settings 2. User presses delete account button 3. User must enter correct credentials
Expected Result	<ol style="list-style-type: none"> 1. If the credentials are incorrect, a message should pop up saying incorrect credentials

Identification and Classification	Test Case 19 - Add an exercise to a training list System: FitLab Module: Training list, User, Backend Severity: Critical
Instructions	<ol style="list-style-type: none"> 1. User presses "New Exercise" 2. User selects exercise type, duration and rep count 3. User must enter a unique exercise
Expected Result	<ol style="list-style-type: none"> 1. Create new exercise and add it to user's training list

Identification and Classification	Test Case 20 - Add an existing exercise to a training list System: FitLab Module: Training list, User, Backend Severity: Important
Instructions	<ol style="list-style-type: none"> 1. User presses "New Exercise" 2. User selects exercise type, duration and rep count

	3. User must enter a unique exercise
Expected Result	1. If the user adds a duplicate exercise, show an error message

Identification and Classification	Test Case 21 - Remove an exercise form a training list System: FitLab Module: Training list, User, Backend Severity: Workaround
Instructions	1. User selects a training list 2. User selects a desired exercise 3. User presses delete
Expected Result	1. The exercise is deleted from the list

Identification and Classification	Test Case 22 - Remove the last exercise form a training list System: FitLab Module: Training list, User, Backend Severity: Workaround
Instructions	1. User selects a training list 2. User selects a desired exercise 3. User presses delete
Expected Result	1. If the user deletes the last exercise from the list, the list must also be deleted

Identification and Classification	Test Case 23 - View progress on the training lists System: FitLab Module: Training list, User, Backend Severity: Important
Instructions	1. User selects a training list
Expected Result	1. Display the percentage percentage completed for each exercise

Identification and Classification	Test Case 24 - View progress on the training lists when no progress is made System: FitLab Module: Training list, User, Backend Severity: Important
Instructions	1. User selects a training list
Expected Result	1. Display 0% progress for exercises with no progress

Identification and Classification	Test Case 25 - View progress on the training lists when exercise is completed System: FitLab Module: Training list, User, Backend Severity: Important
Instructions	1. User selects a training list
Expected Result	1. Display 100% progress for fully completed exercises

Identification and Classification	Test Case 26 - Select a track and begin tracking it when an exercise is selected System: FitLab Module: New list, tracking interface, User, Backend Severity: Important
Instructions	1. User selects an exercise adds that to the list 2. User selects the button "TRACK" and begin tracking
Expected Result	1. Exercise is added to the list 2. Be able to press the track button and begin tracking 3. Stopwatch should be visible with

	<p>options “Start”, “Reset” and “Finished”</p> <ol style="list-style-type: none"> Pressing the start button should start the stopwatch Pressing the stop button should pause the stopwatch Pressing the reset button should reset the stopwatch Pressing the finished button should record the data and finish tracking
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Identification and Classification	<p>Test Case 27 - Select a track and begin tracking it when no exercise is selected</p> <p>System: FitLab</p> <p>Module: New list, tracking interface, User, Backend</p> <p>Severity: Important</p>
Instructions	<ol style="list-style-type: none"> User selects an exercise adds that to the list User selects the button “TRACK” and begin tracking
Expected Result	<ol style="list-style-type: none"> Exercise should not be added and visible in the list

Identification and Classification	<p>Test Case 28 - View calories burned from the exercises</p> <p>System: FitLab</p> <p>Module: Tracking interface, User, Backend</p> <p>Severity: Important</p>
Instructions	<ol style="list-style-type: none"> User taps on the exercise name
Expected Result	<ol style="list-style-type: none"> User should be able to view the exercise track information including calories burned