CS408

Fitness Tracker Pro

Test Plan

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1

A.Choose Default Plan 001, select "Fat Burn" default plan, severity 2

B.select "Fat Burn" as default plan

C. "Fat Burn" default plan should be displayed in homepage

A.Choose Default Plan 002, select "Muscle Building" default plan, severity 2

B.select "Muscle Building" as default plan

C."Muscle Building" default plan should display in homepage

A.Choose Default Plan 003, close dialog, severity 2

B.Close dialog before choosing default plans

C.Blank plan will be displayed in homepage

2

A.Create Account 001, create valid account, severity 1

B. Enter alphanumeric and non-existing username into username and input a password, which length is between 6-32.

C. A message saying "Account created" should pop up.

A. Create Account 002, create existing account, severity 1

B. Enter existing username into username textbox with valid password

C. A message saying "existing username" should pop up.

A. Create Account 003, Invalid username - non-alphanumeric, severity 2

B. Input non-alphanumeric username

C. A message saying "Username contains invalid character" should pop up.

A. Create Account 004, Invalid password - too short, severity 3

B. Enter password that length is shorter than 6 characters.

C. A message saying "Password should contain 6 - 32 characters" should pop up

A.Create Account 005, Invalid password - too long, severity 3

B. Enter password that length is longer than 32 characters.

C. A message saying "Password should contain 6 - 32 characters" should pop up

A. Create Account 006, Invalid password - blank password, severity 2

B. Only enter username when sign up and leave password blank

C. A message saying "Enter valid password" should pop up

A. Create Account 007, password inconsistency, severity 1

B. Input two different passwords when sign up

C. A message saying "Different passwords" should pop up

3

A. Login Account 001, open dialog, severity 1

B. Click account button

C. A login dialog should show up

A. Login Account 002, valid login, severity 1

B. Log in with existing username and corresponding password

C. Login dialog disappears, username show on the up-right corner and login button become logout button.

A. Login Account 003, invalid login - invalid username, severity 2

B. Log in with invalid username

C. A "Invalid username" message should show up

A. Login Account 004, invalid password - wrong password, severity 2

B. Log in with valid name and wrong password

C. A "Wrong password" message should show up

A. Login Account 005, invalid username - blank username, severity 3

B. Login with blank name

C. A "Enter username" message should show up

A. Login Account 006, invalid password - blank password, severity 3

B. Login with blank password

C. A "Enter password" message should show up

4.

A. Switch tab 001, switch to "home" tab, severity 1

B. Click "home" tab.

C. Display "home" page correctly.

A. Switch tab 002, switch to "personal plan" tab, severity 1

B. Click "personal plan" tab.

C. Display "personal plan" page correctly.

A. Switch tab 003, switch to "chat" tab, severity 1

B. Click "chart" tab.

C. Display "chart" page correctly.

A. Switch tab 004, switch to "interactive" tab, severity 1

B. Click "interactive" tab.

C. Display "interactive" page correctly.

A. Switch tab 005, switch to "wishlist" tab, severity 1

B. Click "wishlist" tab.

C. Display "wishlist" page correctly.

5.

A. Home tab 001, Enter home tab - when entering the application, severity 1

B. Enter application

C. Application opened and it is on the homepage tab, which shows today's plan and training amount chart.

6

A. Create Plan 001 , create plan, Severity 2

B. Click "Personal plan" tab, click "clear" button near the plan.

C. All of activities of the current plan should disappear.

A. Create Plan 002, create plan - blank current plan, Severity 2

B. Click "Personal plan" tab, click "clear" button when the current plan is blank.

C. Nothing happens.

7

A. Edit Plan 001, edit plan, Severity 1

B. Click "Personal plan" tab, click "edit" button near the exercise plan, drag some activities in from activity list and drag some activities out to activity list. Click finish

C. All the modification should been applied correctly on the personal plan.

8
A. Edit Activity List 001, add new activity, Severity 1
B. Click "Personal plan" tab, Click "Add activity" button, enter activity name that doesn't exist, indicate how the activity will be measured (quantity/time) in the radio button, then click "OK"
C. The activity should appear on activity list.

A. Edit Activity List 002, add already existing activity, Severity 1
B. Click "Personal plan" tab, Click "Add activity" button, enter some activity name that is already exist, indicate how the activity will be measured (quantity/time) in the radio button, click "OK"
C. There should be a error message popping up.

9
A. Share personal plan 001, share plan, Severity 2
B. Choose a plan and click share. Run another instance of client and see if we can find the plan we just shared.
C. We can find the plan we just shared.

A. Share personal plan 002, share plan - user not logged in, Severity 2
B. Choose a plan and click share, when we have not logged in yet.
C. Show the login prompt.

A. Share personal plan 003, share plan - no internet connection, Severity 2
B. Choose a plan and click share, when we don't have Internet access.
C. Show the error message " Cannot connect to server"

10
A. Change Time Scale 001, change time scale to week, Severity 1
B. Click "charts" tab, then click "week"
C. The chart should change to week layout.

A. Change Time Scale 002, change time scale to month, Severity 1
B. Click "charts" tab, then click "month"
C.The chart should change to month layout.

A. Change Time Scale 003, change time scale to year, Severity 1

B. Click "charts" tab, then click "year"

C. The chart should change to year layout.

11

A. Graph 001, Display Graph - Time based exercise, severity 1

B. Choose exercise that measured based on time-length.

C. Correct graph appears(Identified by calories based unit)

A. Graph 002, Display Graph - Quantity based exercise, severity 1

B. Choose exercise that measured based on quantities.

C. Correct graph appears(Identified by quantity based unit)

A. Graph 003, Display Graph - Default exercise, severity 1

B. Choose exercises that are pre-added by the application

C. Correct corresponding graph appears (Identified by correct training amount entered)

A. Graph 004, Display Graph - User-added exercise, severity 1

B. Choose self-added exercises

C. Correct corresponding graph appears (Identified by correct training amount entered)

12

A. Training history 001, Share Training History - ser not logged in, severity 1

B. Share training history while user not logged in

C. Pop up login dialog (user can only use this function after logging in).

A. Training history 002, Share Training History, severity 1

B. Check the "Public" checkbox while user is logged in. Run another instance of client and see if we can compete training history with this user.

C. "Public" check-box is checked and another instance can compete with this user (show a chart with two users' training history).

A. Training history 003, Unshare Training History, severity 2
B. Uncheck the "Public" checkbox while user is logged in. Run another instance of client and see if we can compete training history with this user.
C. "Public" check-box is unchecked and another instance get a error message indicating that that user do not want to share the training history.

13
A. Plan 001, Add shared plan - If the shared plan has not been added, severity 1
B. Click "save" button on other's plan that has not been saved
C. Shared plan is added to the shared plan page and the "save" button become grey

A. Plan 002, Add shared plan - If the shared plan is already added, severity 1
B. Search the plan that already saved previously
C. The "save" button is grey.

14
A. Wishlist 001, View saved plan, severity 1
B. Click "Wishlist" tab
C. Display all the plan that added

15
A. Rate 001, Rate plan, severity 3
B. Rate without choosing rate star and leave blank comments
C. Error message prompt saying "Nothing is leaved".

A. Rate 002, Rate plan, severity 3
B. Rate without choosing rate star but leave some comments
C. Corresponding comments displayed next to the plan

A. Rate 003, Rate plan, severity 3

B. Rate with 1-5 star and leave blank comments

C. Star rating changed

A. Rate 004, Rate plan, severity 3

B. Rate with 1-5 star and leave comments

C. Star rating changed and comments are displayed next to the plan

16

A. Replace Plan 001, Replace Plan, severity 2

B. Click "wishlist" tab and chose a plan in the wishlist to replace the current plan. Click the "replace" button for the chosen plan. Click "confirm" button in the popup dialog to confirm the operation.

C. "Replace" button become gray and the user's exercise plan replaced by the chosen plan in the wishlist.

A. Replace Plan 002, replace blank plan, Severity 2

B. Click "clear" button near the plan to make the blank plan. Click "wishlist" tab and chose a plan in the wishlist to replace the current plan. Click the "replace" button for the chosen plan. Click "confirm" button in the popup dialog to confirm the operation.

C. "Replace" button become gray and the chosen plan in the wishlist shows up in the "personal plan" tab.

A. Replace Plan 003, cancel to replace current plan with saved plan, Severity 2

B. Click "wishlist" tab and chose a plan in the wishlist to replace the current plan. Click the "replace" button for the chosen plan. Click "cancel" button in the popup dialog to cancel the operation.

C. "Replace" button is still enabled and the exercise plan does not change.

17

A. Compare History 001, input a valid username ("public" option checked) when compare with others, Severity 1

B. Log into account. Input a valid username in the search box and search to compare with.

C. Popup a graph comparing two users' exercise amount history.

A. Compare History 002, invalid (not alphanumeric) username when compare with others, Severity 3

B. Log into account. Input an invalid username (not alphanumeric) in the search box and search to compare with.

C. Get an error message indicating the entered username is invalid.

A. Compare History 003, input a valid but not existing username when compare with others, Severity 1

B. Log into account. Input a valid but not existing username in the search box and search to compare with.

C. Get an error message indicating the user does not exist.

A. Compare History 004, input existing user but not check "public" option when compare with others, Severity 1

B. Log into account. Input an existing username, which correspond to a user whose "public"option is not checked, in the search box and search to compare with.

C. Get an error message indicating that user is not willing to be compared with.

A. Compare History 005, try to compare with others without logging in, Severity 1

B. Input a username in the search box without logging in.

C. Prompt a login dialog.

18

A. Enter Real Training Data 001, input positive number as actual amount into textbox, Severity 1

B. Enter a positive number(0-10000) into textbox of a specific activity

C. Page display the amount correctly

A. Enter Real Training Data 002, input 0 as actual amount into textbox, Severity 1

B. Enter "0" into textbox of a specific activity

C. Page display the amount correctly

A. Enter real training data 003, input 10000 as actual amount into textbox, Severity 1

B. Enter "10000" into textbox of a specific activity

C. Page display the amount correctly

A. Enter real training data 004, input 10001 as actual amount into textbox, Severity 1

B. Enter "10001" into textbox of a specific activity

C. Popup an error message saying "Value beyond the maximum"

A. Enter real training data 005, input negative number as actual amount into textbox, Severity 1

B. Enter "-1" into textbox of a specific activity

C. Popup an error message saying "Can not enter a negative amount of work"

19
A. New Activity for Today 001, add activity into today's workout with positive amount, Severity 2
B. Select an activity in the drop down box, input positive amount "10" into textbox and click "add activity" button.
C. Page display the amount and unit of the activity correctly

A. New Activity for Today 002, add activity into today's workout with zero amount, Severity 2
B. Select an activity in the drop down box, input positive amount "0" into textbox and click "add activity" button.
C. Page display the amount and unit of the activity correctly

A. New Activity for Today 003, add activity into today's workout with negative amount, Severity 2
B. Select an activity in the drop down box, input positive amount "-10" into textbox and click "add activity" button.
C. Popup an error message saying "Can not enter a negative amount of work"