Test Plan for MMC Fitness

A picture containing indoor, fruit

Description automatically generated

|  |  |
| --- | --- |
| Students: May Ovadia, May Tzadoky, Chen Shitrit |  |
| Date: 13/9/2022 |  |
| Last Update: |  |
| Version: 2 |  |

Diagram, schematic

Description automatically generated

Table of Contents

[**1.** **Purpose** 4](#_Toc113726497)

[**2.** **Scope** 4](#_Toc113726498)

[**3.** **HW and SW requirements for the tests** 4](#_Toc113726499)

[3.1 Login and Register tests 5](#_Toc113726500)

[3.1.1 Register screen 5](#_Toc113726501)

[3.1.2 Register screen – missing first name 5](#_Toc113726502)

[3.1.3 Register screen – missing last name 5](#_Toc113726503)

[3.1.4 Register screen – missing phone number 6](#_Toc113726504)

[3.1.5 Register screen – wrong data 6](#_Toc113726505)

[3.1.6 Register screen – long phone number 6](#_Toc113726506)

[3.1.7 Register screen – short phone number 7](#_Toc113726507)

[3.1.8 Register screen – missing email address 7](#_Toc113726508)

[3.1.9 Register screen – wrong format email address 7](#_Toc113726509)

[3.1.10 Register screen – missing Password 8](#_Toc113726510)

[3.1.11 Register screen – missing Password 8](#_Toc113726511)

[3.1.12 Register screen – Register subscriber user to the system 8](#_Toc113726512)

[3.1.13 Login& Choose user mode – exist user 9](#_Toc113726513)

[3.1.14 Register, Login& Choose user mode ‘Trainer’ 10](#_Toc113726514)

[3.1.15 Register, Login& Choose user mode ‘nutritionist’ 10](#_Toc113726515)

[3.2 Menu and Workout to the system 11](#_Toc113726516)

[3.2.1 Test case 5: Add Menu 11](#_Toc113726517)

[3.2.2 Test case 6: Add workout 12](#_Toc113726518)

[3.2.3 Watch workout 14](#_Toc113726519)

[3.2.4 Watch menu 14](#_Toc113726520)

[3.3 Chat Tests 15](#_Toc113726521)

[3.3.1 Open chat from subscriber user 15](#_Toc113726522)

[3.3.2 Open chat from trainer user 15](#_Toc113726523)

[3.3.3 Open chat from nutritionist user 16](#_Toc113726524)

[3.3.4 Create chat and talk from subscriber with trainer and with nutritionist 16](#_Toc113726525)

[3.3.5 Only logged in user can be approach in the chat – logout trainer 17](#_Toc113726526)

[3.3.6 Only logged in user can be approach in the chat – logout nutritionist 17](#_Toc113726527)

[3.3.7 Only logged in user can be approach in the chat – logout subscriber 17](#_Toc113726528)

[3.3.8 Preform chat 18](#_Toc113726529)

[3.3.9 Preform chat 19](#_Toc113726530)

[3.4 Report test 20](#_Toc113726531)

[3.4.1 Generate Report 20](#_Toc113726532)

[5.2 Test case 11: Periodic condition assessment 21](#_Toc113726533)

# **Purpose**

This document is a test plan for the MMC website – for workout and fitness.

The purpose of this document is to test the correctness of functionality and data

according to the functional requirements specified in the SRS document.

# **Scope**

The application features are:

* Register as a user that subscribe to the system.
* Register as a user trainer.
* Register as a user nutritionist.
* Chat between user subscriber to user specialist (trainer/nutritionist)
* Add/delete/modify menu (by nutritionist user)
* Add/delete/modify workout (by trainer user)
* Watch workout (by user subscriber)
* Watch menu (by user subscriber)
* Generate report (by user subscriber)

# **HW and SW requirements for the tests**

The test cases should be performed on web site using Chrome browser.

## Login and Register tests

## Register screen

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user enters via Chrome to website URL. | The website opened and shows the login screen |  |
| 2 | Press ‘Sign Up’ | The registration screen opens.  ‘Subscriber’ is automatic on  ‘None' is automatic on under "Dietary Limitations" field  ‘Male' is automatic on under "Gender" field | passed |

## Register screen – missing first name

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Press 'Sign Up' | 'please fill out this field.' Error is appear under First name | passed |

## Register screen – missing last name

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "first name" field: May |  |  |
| 2 | Press 'Sign Up' | 'please fill out this field.' Error is appear  under Last name | passed |

## Register screen – missing phone number

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Last name" field: Tzadoky |  |  |
| 2 | Press 'Sign Up' | 'please fill out this field.' Error is appear  under Phone number | passed |

## Register screen – wrong data

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "phone number" field: abc1234567 |  |  |
| 2 | Press 'Sign Up' | 'please match the requested format.' Error is appear under Phone number | passed |

## Register screen – long phone number

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "phone number" field: 05253816478 |  |  |
| 2 | Press 'Sign Up' | 'please match the requested format.' Error is appear under Phone number | passed |

## Register screen – short phone number

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "phone number" field: 052538164 |  |  |
| 2 | Press 'Sign Up' | 'please match the requested format.' Error is appear under Phone number | passed |

## Register screen – missing email address

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "phone number" field: 0525381647 |  |  |
| 2 | Press 'Sign Up' | 'please fill out this field.' Error is appear  under Email field | passed |

## Register screen – wrong format email address

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "email" field: abc |  |  |
| 2 | Press 'Sign Up' | "'abc' is missing an '@'".' Error is appear  under Email | passed |

## Register screen – missing Password

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "email" field: may@gmail.com |  |  |
| 2 | Press 'Sign Up' | "please fill out this field." Error is appear  under Password | passed |

## Register screen – missing Age

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "password" field: may |  |  |
| 2 | Press 'Sign Up' | "please fill out this field." Error is appear  under Age | passed |

## Register screen – wrong format Age

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Age" field: e |  |  |
| 2 | Press 'Sign Up' | "please enter a number." Error is appear  under Age | passed |

## Register screen – wrong value Age

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Age" field: 15 |  |  |
| 2 | Press 'Sign Up' | "Value must be greater than or equal to 16." Error is appear  under Age | passed |

## Register screen – wrong min value in Age field

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Age" field: 101 |  |  |
| 2 | Press 'Sign Up' | "Value must be less than or equal to 100." Error is appear under Age | passed |

## Register screen – wrong max value in Age field

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Age" field: 101 |  |  |
| 2 | Press 'Sign Up' | "Value must be less than or equal to 100." Error is appear under Age | passed |

## Register screen – missing Height

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Age" field: 20 |  |  |
| 2 | Press 'Sign Up' | "Please fiil out this field." Error is appear under Height | passed |

## Register screen – wrong value Height

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Height" field: e |  |  |
| 2 | Press 'Sign Up' | "Please enter a number." Error is appear  under Height | passed |

## Register screen – wrong min value in Height field

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Height" field: 1 |  |  |
| 2 | Press 'Sign Up' | "Value must be greater than or equal to 1.5." Error is appear under Height | passed |

## Register screen – wrong max value in Height field

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Height" field: 3 |  |  |
| 2 | Press 'Sign Up' | "Value must be less than or equal to2.3." Error is appear  under Height | passed |

## Register screen – missing Weight

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Height" field: 1.5 |  |  |
| 2 | Press 'Sign Up' | "Please fiil out this field." Error is appear under Weight | passed |

## Register screen – wrong value Weight

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Weight" field: e |  |  |
| 2 | Press 'Sign Up' | "Please enter a number." Error is appear  under Weight | passed |

## Register screen – wrong min value in Weight field

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Weight" field: 40 |  |  |
| 2 | Press 'Sign Up' | "Value must be greater than or equal to 50." Error is appear under Weight | passed |

## Register screen – wrong max value in Height field

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | fill in "Weight" field: 201 |  |  |
| 2 | Press 'Sign Up' | "Value must be less than or equal to 201." Error is appear under Weight | passed |

## Register screen – Register subscriber user to the system

Functional Requirements tested:

* Register
* Login
* Choosing user mode – subscriber

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user enters via Chrome to website URL. | The website opened and shows the login screen |  |
| 2 | Press ‘Sign Up’ | The registration screen opens. |  |
| 3 | Press ‘Subscriber’ | Personal Details form opens |  |
| 4 | Fill the following details:   * First Name – Yael * Last Name - Sar Shalom * Phone number – 0524685748 * Email – [yael@gmail.com](mailto:yael@gmail.com) * Password- yael123! * Age – 25 * Height – 1.69 * Weight – 59 * Dietary limitations - choose from list ‘vegan' * Gender – Female * Workout amount – 2 * Target fat percentage - 30 * Target weight – 55 |  |  |
| 5 | Press ‘Signup’ | User created successfully! Message display in login screen. | Passed |

## Login& Choose user mode – exist user

Functional Requirements tested:

* Login
* Choose user mode
* logout

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user enters via Chrome to website URL. | The website opened and shows the login screen |  |
| 2 | Enter:  User: subscriber  Email: [yael@gmail.com](mailto:yaelsarshalom@gmail.com)  Password: yael123! |  |  |
| 3 | Press “log in” button | Main page open with the user details, customize menu and workout opens |  |
| 4 | Press Logout | Login page opens –  Message with: the user logged out from the system display in login page | passed |

## 

## Register, Login& Choose user mode ‘Trainer’

Functional Requirements tested:

* Register trainer

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user enters via Chrome to website URL. | The website opened and shows the login screen |  |
| 2 | Press ‘Sign Up’ | The registration screen opens. |  |
| 3 | Press ‘Trainer’ | Personal Details form opens |  |
| 4 | Fill the following details:   * First Name – Roni * Last Name - Shalom * Phone number – 0526853785 * Email – [Roni@gmail.com](mailto:Roni@gmail.com) * Password- roni123! * Seniority - 4 |  |  |
| 5 | Press ‘Signup’ | User created successfully! Message display in login screen. | Passed |

## Register, Login& Choose user mode ‘nutritionist’

Functional Requirements tested:

* Register nutritionist

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user enters via Chrome to website URL. | The website opened and shows the login screen |  |
| 2 | Press ‘Sign Up’ | The registration screen opens. |  |
| 3 | Press ‘Nutritionist’ | Personal Details form opens |  |
| 4 | Fill the following details:   * First Name – Ofir * Last Name - Shay * Phone number – 0527532654 * Email – [ofir@gmail.com](mailto:ofir@gmail.com) * Password- ofir123! * Seniority - 2 |  |  |
| 5 | Press ‘Signup’ | User created successfully! Message display in login screen. | Passed |

## Menu and Workout to the system

## Test case 5: Add Menu

Functional Requirements tested:

* Nutritionist user add menu to the system

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Log in as Ofir shay – Nutritionist:  User: Nutritionist  Email: [ofir@gmail.com](mailto:ofir@gmail.com)  Password: ofir123! |  |  |
| 2 | Press on the "+" button | The 'Add menu' pop-up opened |  |
| 3 | Fill the following details:  Choose menu names from list:   * Meal 1: chicken with rise * Meal 2: apple * Meal 3: beef with salad * Menu calories: 1500 calories per day * Target audience: Lactose free |  |  |
| 4 | Press ‘Save’ | ‘created menu successfully’  popup on the screen |  |
| 5 | Press enter on the popup | main page opened – nutritionist options – Add menu display on main page |  |

## Test case 6: Add workout

Functional Requirements tested:

* Trainer user add workout to the system

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user logs in to the website URL as a trainer | main page opened – trainer options – Add workout display on main page |  |
| 2 | Press ‘Add workout’ | The 'Add workout' page opened |  |
| 3 | Fill the following details:   * Workout type – Strength Training * Time: 45 minutes * Exercise 1:   + Name: Goblet squat   + Link: <https://www.youtube.com/watch?v=q4CSeayuKbo>   + Description: While holding a dumbbell with both hands at chest level, set your feet shoulder-width apart. Push your butt back like you’re sitting in an invisible chair and go down until your elbows meet the inside of your knees. * Exercise 2:   + Name: Plank rows   + Link: <https://www.youtube.com/watch?v=JPVTRwGmBho>   + Description: While gripping a pair of dumbbells, get into [pushup position](https://www.youtube.com/watch?v=eaKF6dt5tDQ). Your hands should be just over shoulder-width apart and your feet slightly over hip-width apart. |  |  |
| 4 | Press ‘Save’ | ‘created workout successfully’  popup on the screen |  |
| 5 | Press enter on the popup | main page opened – trainer options – Add workout display on the main page |  |

## Watch workout

Functional Requirements tested:

* Subscriber user watch some workout

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user logs in to the website URL as a subscriber | ‘My Activities’ screen opens |  |
| 2 | Press ‘Watch workout planning’ | ‘Your Workouts’ page opened |  |
| 3 | Verify the page contains the following data:   * How many workouts the user did this week * How many workouts are left to the user to do this week * List of optional workouts links |  |  |
| 4 | Press on the workout link | ‘Workout’ page opened |  |
| 5 | Verify the workout contains the following data:   * Trainer name * Time of the workout * Description * Focus on * Video link |  |  |
| 6 | Press on the video link | A video opened and the user can watch the workout |  |

## Watch menu

Functional Requirements tested:

* Subscriber user watch some menu

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user logs in to the website URL as a subscriber | ‘My Activities’ screen opens |  |
| 2 | Press ‘Watch menu’ | The 'watch menu' page opened  On this page, we can see the current status of the nutritional values consumed in the current week and the menu for the rest of the week. |  |

## Chat Tests

## Open chat from subscriber user

Functional Requirements tested:

* Subscriber user started a chat with an expert

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Enter the following details in the login page:  User: subscriber  Email: [may@gmail.com](mailto:may@gmail.com)  Password: may  And press "login button" | Main page open with the user details, customize menu and workout opens |  |
| 2 | Press on the chat icon from the main page | The chat page opened successfully,  There are no experts available. | passed |

## Open chat from trainer user

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Enter from another window to the login page and enter the following details in the login page:  User: trainer  Email: [dor@gmail.com](mailto:dor@gmail.com)  Password: dor  And press "login button" | The main page of the trainer opened |  |
| 2 | Press on the chat icon from the main page | The chat page opened successfully,  The subscriber may available | passed |

## Open chat from nutritionist user

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Enter from another window to the login page and enter the following details in the login page:  User: Nutritionist  Email: [yuval@gmail.com](mailto:yuval@gmail.com)  Password: yuval | The main page of the nutritionist opened |  |
| 2 | Press on the chat icon from the main page | The chat page opened successfully,  The subscriber may available | passed |

## Create chat and talk from subscriber with trainer and with nutritionist

Pre-condition: the following users should be logged in: May Tzadoky, Tomi Poran, Dor Levi and Yuval Sher

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Enter the following details in the login page:  User: subscriber  Email: [tomi@gmail.com](mailto:tomi@gmail.com)  Password: tomi  And press on the "log in" button" | Main page open with the user details, customize menu and workout opens |  |
| 2 | Press on the chat icon from the main page | The chat page opened successfully,  There are 2 expert available: Dor Levi and Yuval Sher |  |
| 3 | Compare the experts that available to Tomi and May.  Compare the subscribers that available to Dor and Yuval | In the Tomi and May's windows, the experts should appear: Dor Levi and Yuval Sher:    In the Dor and Yuval windows, the subscribers should appear: May Tzadoky and Tomi Poran: | passed |

## Only logged in user can be approach in the chat – logout trainer

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Go to Tomi window and Press "log out" |  |  |
| 3 | Compare the subscribers that available to Dor and Yuval | In the Dor and Yuval windows, the subscribers should appear: May Tzadoky | passed |

## Only logged in user can be approach in the chat – logout nutritionist

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Go to the Dor window and Press "log out" | In the May window, the expert should appear: Yuval Sher | passed |

## Only logged in user can be approach in the chat – logout subscriber

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | Go to the Yuval window and Press "log out" | In the May window There are no experts available. | passed |

## Preform chat

Pre-condition: the following users should be logged in: May Tzadoky, Tomi Poran, Dor Levi and Yuval Sher

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | From May window:  Click the "Chat" button next to "Dor Levi Trainer" | Chat with Dor opens |  |
| 2 | Write in the text box "Hi Dor" and press send | From May window should be appear: "   | Chat with Trainer (Dor Levi) | | --- | |  | |  | | Me: Hi Dor" | |  |
|  | From Dor window:  Click the "Chat" button next to "May Tzadoky Subscriber" | From Dor window should be appear:  "Chat with Subscriber (May Tzadoky) Subscriber: Hi Dor" |  |
|  | Write in the text box "hi May" and press send | From Dor window should be appear:    From May window should be appear: | passed |

## Preform chat

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | From Tomi window:  Click the "Chat" button next to "Dor Levi Trainer" | Chat with Dor opens |  |
| 2 | Write in the text box "Hi Dor" and press send | From Tomi window should be appear: "   | Chat with Trainer (Dor Levi) | | --- | |  | |  | | Me: Hi Dor" | |  |
|  | From Dor window:  Click the "Chat" button next to "May Tzadoky Subscriber" | From Dor window should be appear:  "Chat with Subscriber (May Tzadoky) Subscriber: Hi Dor" |  |
|  | Write in the text box "hi May" and press send | From Dor window should be appear:    From May window should be appear: | passed |

## Report test

## Generate Report

Functional Requirements tested:

* Subscriber user generate some report

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user logs in to the website URL as a subscriber |  |  |
| 2 | Enter the following details in the login page:  User: subscriber  Email: [may@gmail.com](mailto:may@gmail.com)  Password: may  And press on the "log in" button" | Main page open with the user details, customize menu and workout opens |  |
|  | In toolbar enter report button: | The report display:  A graph with the user weight progress is shown-  Every week from the beginning with the weight of the sucscriber. | passed |

## Generate Report

## Periodic condition assessment?

Functional Requirements tested:

* Subscriber user gets periodic condition assessment

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steps | expected results | pass/fail |
| 1 | The user logs in to the website URL as a subscriber after three months since the user was registered to the system | ‘My activities’ screen opens with a notification for the user that informing that the menu and training set have been updated for him by certified trainer and nutritionist. |  |
| 2 | Press ‘Watch menu’ | The 'watch menu' page opened  on this page with an updated menu |  |
| 3 | Press ‘Watch workout’ | The 'watch workout page opened  on this page with an updated training set |  |