**Purpose of the Document**

Use the Test Plan document to describe the testing approach and overall framework that will drive the testing of the project.

***Template Instructions***

*Note that the information in italics is guidelines for documenting testing efforts and activities. To adopt this template, delete all italicized instructions and modify as appropriate*

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# Introduction

## Purpose

*Provide a summary of the test strategy, test approach, execution strategy and test management.*

## Project Overview

*MyFitnessPal is a mobile application that used to monitor personal calories, manage meals and preferences, create personal different reminders.*

# Scope

## In-Scope

*The below features will be covered on testing execution of this testing plan.*

1. *Signup*
2. *Login*
3. *Forget Password*
4. *Search*
5. *Dashboard*
6. *Reminders*
7. *News Feed*
8. *User Profile*
9. *Bundles*
10. *Logout*

## Out-of-Scope

1. *Paid features*
2. *Login with Facebook*
3. *Login with Email*
4. *Login with Apple ID*

# Testing High Level Scenarios

## Sign up

* *High level scenarios for Signup module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can successfully create a new account with valid credentials. |
|  | User cannot create an account with invalid or duplicate credentials. |
|  | User is navigated to the correct page after registration successfully. |

## Login

* *High level scenarios for Login module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can log in with a valid email id and password. |
|  | User can’t log with an invalid email id and invalid password. |
|  | User can’t log with an invalid email id and valid password. |
|  | User can’t log with an valid email id and invalid password. |
|  | User can’t log with blank email and blank password. |

## Forget Password

* *High level scenarios for Forget Password feature to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can click on forget password link. |
|  | After clicking on forget password link the user redirected to new page to enter his/her email. |
|  | Check forget password functionality with an invalid and valid email address. |
|  | User receives an email with instructions on how to reset their password. |
|  | Password rested successfully and user can login again. |

## Search

* *High level scenarios for Meal Calories Search module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can’t search with blank search criteria |
|  | Result tab on search page should not have any retrieved data when search criteria is empty. |
|  | User can search with writing searching criteria and retrieve results. |
|  | Retrieved results should be matched with search criteria. |
|  | User can clear all search criteria by clicking on cancel button. |
|  | Retrieved data should be (lazy loading) to not impact response time (performance). |
|  | User can search by scanning item barcode or scan item by mobile camera. |

## Dashboard

* *High level scenarios for Dashboard module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can access free dashboard features and disable features that need subscription. |
|  | User can access features that need subscription during free trial subscription. |
|  | User can access features that need subscription during period (yearly, monthly). |
|  | User can add goal steps or exercises. |
|  | User can add goal steps or exercises |
|  | User can view progress of his/her already added goals. |
|  | User can view graph for his/her goal progress. |

## Reminders

* *High level scenarios for Reminders module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can view own enabled/disabled reminders both. |
|  | User can add a new reminder with specific type (weight, meals, dinner, breakfast) and frequency (daily, weekly, day a week) and time. |
|  | User can enable/ disable specific reminder. |
|  | User can delete reminder. |

## News Feed

* *High level scenarios for News Feed module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can view news feed articles regarding to her/his preferences |
|  | User can view remaining calories after calculate the equation  (calories - food + exercises = remaining) |
|  | User can view his/her friend's posts as a news feed |
|  | User can like and comment on his/her friend's posts |

## User Profile

* *High level scenarios for User Profile module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can view his/her basic information. |
|  | User can edit his/her profile basic information. |
|  | User can add/edit profile picture. |
|  | User can write a post and be published to his/her friends news feed. |
|  | User posts should be accessible only for his/her friends. |
|  | User all user posts will be listed on his profile and should be (lazy loading) to avoid performance issues. |
|  | User should be marked with premium icon if he/she has active subscription. |

## Bundles

* *High level scenarios for Bundles module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can subscribe as a free trial for 1 month adding his/her payment method. |
|  | Validate the user payment method by deducting minimum amount after agreeing to terms and conditions. |
|  | User will be charged automatically after one month of free trial subscription. |
|  | User will be charged with monthly amount when subscribe to monthly bundle. |
|  | User will be charged with yearly amount when subscribe to yearly bundle. |
|  | User will receive a discount on yearly subscription when there is discount on it |
|  | User will receive a discount on monthly subscription when there is discount on it |
|  | User will not be eligible to use features that need subscription after ending of subscription period |

## Logout

* *High level scenarios for Logout module to ensure good coverage and marking negative scenarios*

|  |  |
| --- | --- |
|  | **Description** |
|  | User can access logout only when have already login. |
|  | Verify that logout button is easy accessible to the user. |
|  | Verify that user can’t click back after logout and directed to login page. |
|  | Verify that all session data cleared after logout. |

# Test Cases

* *Selected test cases for each module of high level scenario.*
* *Each module should have additional separate test cases for the rest of scenarios.*

**

# Reported Bugs

* *The reported bug with severity for each bug, attachments and reproducibility steps.*
* *This bugs reported using IPhone 13 Pro Max.*

