

# **Test Plan**

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## INTRODUCTION

Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the MyFitnessPal Application.

The plan identify the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

MyFitnessPal is one of the most popular web-based exercise and fitness social media applications available. MyFitnessPal (MFP) helps you keep track of your daily food and beverage intake, calculating all your nutrients, calories, and vitamins for you. This enables you to analyze patterns and find out what your diet is missing or where you need to cut back a little.

## 1. TEST STRATEGY

Describe the overall approach to testing. For each major group of features or feature combinations, specify the approach which will ensure that these feature groups are adequately tested. Specify the major activities, techniques, and tools which are used to test the designated groups of features. The approach should be described with sufficient details to permit the identification of the major testing tasks and estimation of the time required to do each one.

### 1.2 Scope of Testing

#### 1.2.1 Feature to be tested

All the features of MyFitness Application which were defined in software requirement specs are need to be tested.

- Sign up with Email and Sign up with Facebook
- Home Page Content (Videos, Articles and Posts)
- Post Status / Upload photo
- Notification System
- Messages
- Burger Menu Items and links
- Diary Page Content / Adding Food /Adding Exercises /Adding Water / Nutrition / Notes
- Search and barcode scanner
- Me page
- Creating Meal/Recipes/Food/Workout
- Control Progress Page
- Set / Edit Goals
- Control Nutrition
- Create Recipes,Meals & Foods
- Install Apps & Devices

- Steps Tracker
- Blog Content
- Community Page Content
- Ser Reminders
- Invite Friends
- Our Other Apps
- Privacy Center
- Change Setting
- Help

### 1.2.2 Features not to be tested

These features are not to be tested because they are not included in the software requirement or will be tested in the second iteration.

- Premium Features
- All Links Related or Navigate to Premium
- DataBase

### 1.3 Risks and Issues

Risk	Mitigation
The project schedule is too tight; it's hard to complete this project on time	Set Test Priority for each of the test activity.
Test Manager has poor management skills	Plan leadership training for manager
Wrong budget estimate and cost overruns	Establish the scope before beginning work, pay a lot of attention to project planning and constantly track and measure the progress

## 2. TEST OBJECTIVE

The test objectives are to verify the Functionality of MyFitnessPal App, focus on testing the app features such track of daily food and beverage intake, calculating all nutrients, calories, and vitamins.

## 3. TEST DELIVERABLES.

Test Deliverables is a list of all the documents, tools and other components that has to be developed and maintained in support of the testing effort.

Test deliverables are provided **before** testing phase.

- Test plans document.
- [Test cases documents](#)
- Test Design specifications.

Test deliverables are provided **during** the testing

- Test Scripts
- Test Data
- [Test Traceability Matrix](#)
- Error logs and execution logs.

Test deliverables are provided **after** the testing cycles is over.

- Test Results/reports
- [Defect Report](#)
- Installation/ Test procedures guidelines

## 4. TEST CRITERIA

### 4.1 Entry Criteria

Specify the critical entry criteria for a test. If the entry criteria are met during testing, the active test cycle will be suspended until the criteria are resolved.

### 4.2 Exit Criteria

It specifies the criteria that denote a successful completion of a test phase. The exit criteria are the targeted results of the test and are necessary before proceeding to the next phase of development.

**Responsibilities** – The resources involved in the testing process and their responsibilities.

**Test Environment** - A testing environment is a setup of software and hardware on which the testing team is going to execute test cases. The test environment consists of real business and user environment, as well as physical environments, such as server, front end running environment.

**Schedule & Estimation**

**Tools** – List of tools used