

# MyFitness Pal Test Plan

## ❖ Introduction:

- This Test plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the MyFitness Pal mobile application.
- The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, and the risks associated with the plan.

## ❖ Scope

- The below features are needed to be tested.

Module Name	Applicable Roles	Description
Signup	Any user	Any user can sign up on Myfitness pal
Login	Registered user	Only registered user can login on myfitness pal
Search for recipes	Registered user	User can search for recipes
Log Meals	Registered user	User can log his meals daily
Log water	Registered user	User can log his water daily
Log exercise	Registered user	User can log his exercise daily
Add new posts	Registered user	User can add new posts
Send Message	Registered user	User can send messages to other users
Add friend	Registered user	User can add another user
Share Progress	Registered user	User can share his progress with photos
Create Recipe	Registered user	User can create his own recipe
Scan a barcode	Registered user	User can scan a barcode of meals & recipes

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### ❖ Out of Scope

- Premium Customers
- Database logic
- Hardware Interfaces

### ❖ Quality Objective

- our objective of testing Myfitness Pal is to assure that the App meets the full requirements. At the end, the user should find that the project has met all the expectations.
- our objective of testing Myfitness Pal is to identify all issues and able to solve it.

### ❖ Roles & Responsibilities

Member	Tasks
Test Manager	Manage the whole project Define project directions Acquire appropriate resources
Test Lead	identifying and describing appropriate test techniques/tools/automation architecture Verify and assess the Test Approach
Tester	Implement the test cases, test program. Execute the tests, Log results, Report the defects.
SQA	Take in charge of quality assurance Check to confirm whether the testing process is meeting specified requirements

### ❖ Tools

- Jira for bug reporting.
- Appium for Automation

### ❖ **Suspension criteria**

- If the team members report that there are **40%** of test cases **failed**, suspend testing until the development team fixes all the failed cases.

### ❖ **Test Completeness**

- **Run** rate is mandatory to be **100%** unless a clear reason is given.
- **Pass** rate is **80%**, achieving the pass rate is **mandatory**

### ❖ **Test Deliverables**

#### 1. **Before testing phase**

- Test plans document.
- Test cases documents
- Test Design specifications.

#### 2. **During the testing**

- Test Tool Simulators.
- Test Data
- Test Trace-ability Matrix – Error logs and execution logs.

#### 3. **After the testing cycles is over**

- Test Results/reports
- Defect Report
- Installation/ Test procedures guidelines
- Release notes