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 |

* **Detailed Test Cases**



* **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.

1. **During the testing**

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

1. **After the testing cycles is over**

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