**Redz**

Test Plan

**Test plan for Redz App**

**TP-PN01**

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## **Introduction**

This document provides the testing strategy and approach required to ensure that the requirements of the Redz App are tested adequately, and that the required level of quality and reliability of the software deliverables is attained.

## **Scope**

## **In Scope**

## The testing will mainly focus on the following functional areas of the Redz mobile application:

**Requirement 1: User Interaction with Content**

* Like & Dislike video
* Comment on video (Add, Edit, Delete)
* Reply to comment
* Like comment
* Save video
* Share video

**Requirement 2: User Account Management**

* Log in (via Data Provider)
* Log out

**Requirement 3: Social Features**

* Follow & Unfollow other users
* Send message to other users

**Requirement 4: Location & Preferences**

* Change location

**Requirement 5: Content Management**

* Upload video
* Delete video

**Requirement 6: Search & Discovery**

* Search for content, users

### **Out of Scope**

The following features and testing types are not part of this test plan:

* Notifications
* Explore Page (discover/trending content)
* Verified Accounts
* Performance Testing
* Security Testing

## **Test Schedule**

| Feature | Duration | Assigned to |
| --- | --- | --- |
| Login | 1 Day | QA Team |
| User Interaction (Like, Comment, Share, Save) | 1 Day | QA Team |
| Profile Management (Log in, Log out) | 1 Day | QA Team |
| Social Features (Follow, Messaging) | 1 Days | QA Team |
| Content Management (Upload, Delete) | 2 Days | QA Team |
| Search & Discovery | 2 Days | QA Team |

## **Test Approach**

The project follows an Agile approach, with daily iterations. At the end of each day, specific requirements for that iteration will be delivered to the team for validation. The testing process will include **Functional Testing** to ensure that the workflows mentioned above are working correctly from start to finish.

## **Suspension Criteria and Resumption Requirements**

Testing will be suspended if entry criteria are not met, or if critical issues such as environment downtime or network issues occur. Testing will resume once these issues are resolved.

## **Milestones / Deliverables**

* **Before Testing**: User Stories, Test Plan, Test Cases
* **During Testing**: Execute Test Cases, Bug Reports, RTM
* **After Testing**: Test Summary Report

## **Responsibilities**

| Role | Staff Member | Responsibilities |
| --- | --- | --- |
| Project Manager | Mamoun | Overall success of the project, schedule tracking |
| QA Lead | Hazem | Planning, coordination, monitoring test execution |
| QA Team | Mohammad Foqahaa, Lina Shaqoura, Yousef Sabet, Hazem Lababidi | Test case design, execution, defect reporting, regression testing |

## **Test Environment**

* OS: Android
* Tools: Appium, Android Studio, UiAutomator2, Emulator, Java, Maven