

# Test Plan Document for Instagram

## 1. Test Plan ID

TP\_INSTAGRAM\_001

## 2. Project Title

Instagram – Core User Features

## 3. Prepared By

Ms. Hansika Samaranayake

## 4. Reviewed By

Reviewer Name – e.g. Senior QA or QA Lead

## 5. Date

April 2025

## 6. Test Objective

To ensure that Instagram's core functionalities, such as login, posting, messaging, and interacting with content, work correctly and consistently across supported platforms (Android, iOS, and Web).

## 7. Scope of Testing

### In-Scope:

- Login functionality (valid/ invalid credentials)
- Post creation (photo, caption, story)
- Messaging (DMs)
- Liking, commenting, and following
- Notifications
- Logout

### Out-Scope:

- Backend infrastructure
- In-app purchase flow
- Ad services

## **8. Test Strategy**

Both manual testing and basic automation will be used

### **Types of testing:**

- Functional testing
- UI testing
- Regression testing
- Smoke testing
- Compatibility testing

## **9. Test Environment**

- Devices: iPhone 14 (iOS 17), Samsung Galaxy S21 (Android 13), Chrome Web Browser)
- Network: Wi-Fi & 4G
- Test Accounts: Multiple valid and invalid user accounts

## **10. Test Deliverables**

- Test plan document
- Test case document
- Bug reports
- Daily status updates
- Final test summary report

## **11. Entry Criteria**

- Functional requirements are finalized
- Instagram build is deployed in QA/ staging environment
- Test accounts are available

## **12. Exit Criteria**

- All critical and high-priority test cases have passed
- No open critical bugs
- Final test report submitted and approved by QA lead

### 13.Test Schedule

Phase	Duration
Test Planning	1 day
Test Case Design	2 days
Test Execution	3-4 days
Bug Retesting	As needed
Final Report & Sign-off	1 day

### 14.Risks & Mitigation

Risk	Mitigation Strategy
Delays in build delivery	Keep communication open with Dev team
Feature scope creep	Follow change request protocol
Inconsistent behavior on different devices	Include cross-device testing

### 15.Approvals

Name	Role	Signature	Date
Hansika Samaranayake	QA Engineer		21-Apr-2025
Reviewer name	QA Lead	Pending	Date