**Test plan for**

**<<demo acko.com>>**

*ChangeLog*

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| --- | --- | --- | --- |
| **Version** | **Change Date** | **By** | **Description** |
| version number | Date of Change | Name of person who made changes | Description of the changes made |
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# Introduction

Brief introduction of the test strategies, process, workflow and methodologies used for the project

## Scope

### In Scope

* User registration/login on web and mobile platforms
* Insurance purchase flows (Motor/Health)
* Renewal of existing policies
* Filing claims and uploading necessary documentation
* Functional validations for web and mobile
* UI responsiveness and basic performance validation
* Notification validations (SMS, email, push)

### Out of Scope

 Backend microservice testing

 3rd party systems (like payment gateway performance)

 Deep load or stress testing beyond standard user traffic

## Quality Objective

* Ensure 100% functional coverage of critical insurance journeys
* Ensure platform stability across supported devices and browsers
* Achieve 95%+ test pass rate on critical test cases
* Identify and resolve defects prior to release

## Roles and Responsibilities

 **QA Lead** – Test planning, strategy design, resource allocation, and reporting

 **Manual Testers** – Writing and executing manual test cases, logging bugs

 **Automation Engineers** – Designing and executing automated regression scripts

 **Developers** – Fixing reported issues and supporting defect analysis

 **Product Owner / BA** – Requirement clarification and sign-off

# Test Methodology

## Overview

Agile testing methodology will be used. QA will participate in every sprint to plan, write, and execute tests, and report outcomes.

## Test Levels

* Unit Testing (Developer-driven)
* Integration Testing (APIs, services)
* System Testing (End-to-End flows)
* Regression Testing (Functional re-validation)
* UAT (Stakeholder testing in staging environment)

## Bug Triage

The goal of the triage is to

* Bugs will be triaged daily in stand-up or bug review meetings
* Each bug will be assigned a severity and priority
* Developers will be aligned with bug owners
* Fix timelines and re-testing windows will be established

## Suspension Criteria and Resumption Requirements

Suspend Testing when:

* Test environment is unavailable
* Critical modules are non-functional
* Builds are unstable or incomplete

Resume Testing when:

* Test environment is stable
* Major blocking bugs are resolved
* Valid test data and latest build are available

## Test Completeness

Testing is considered complete when:

* All planned test cases have been executed
* All critical and high-severity defects are resolved
* Test summary report is prepared and reviewed
* Stakeholders have signed off

# Test Deliverables

* Test Plan
* Test Strategy
* Test Scenarios and Test Cases
* Automation Scripts and Logs
* Defect Reports
* Test Execution Report
* RTM (Requirements Traceability Matrix)
* Sign-off Document

# Resource & Environment Needs

## Testing Tools

*  **Jira** – Requirement and bug tracking
*  **TestRail / Zephyr** – Test case management
*  **Selenium / Cypress** – UI Automation (Web)
*  **Appium** – Mobile app automation
*  **Postman** – API testing
*  **BrowserStack** – Cross-browser/device testing

## Test Environment

 **Test Environments**: QA, UAT (Staging), Production (for post-release monitoring)

 **Supported Browsers**: Chrome, Firefox, Edge, Safari

 **Supported Devices**: Windows 10+, Android, iOS

 **Network Conditions**: Simulated 3G/4G/Wi-Fi for real-world usage

# Terms/Acronyms

Make a mention of any terms or acronyms used in the project

| TERM/ACRONYM | DEFINITION |
| --- | --- |
| API | Application Program Interface |
| AUT | Application Under Test |
| UAT | User Acceptance Testing |
| RTM | Requirement Traceability Matrix |
| TPA | Third Party Administrator |
| IRDAI | Insurance Regulatory and Development Authority of India |