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**Test Plan Strategy – Claim Submission Flow (Healthcare App)**

# 1. Objective

To validate the Claim Submission flow within a healthcare Mobile Application, ensuring that the feature works as intended, provides a secure and user-friendly experience, and is fully ready for UAT and production deployment. Covering UI, Functional, Performance, Security Test Cases.

# 2. Scope

## In-Scope:

- UI/UX validation of all screens in the Claim Submission flow  
- Functional testing (form fields, file uploads, navigation)  
- Validation messages and error handling  
- Data validation (amounts, IBANs, document types)  
- Role-based access (authentication for submission)  
- Device and screen compatibility (Android/iOS, tablet/phone)  
- File upload validations (size, type, number of files)  
- Success and failure flows

## Out-of-Scope/ Deferred :

- Backend API testing (unless mock API integration is provided)  
- External integrations (e.g., payment systems) unless tied to submission

-WebTesting (Unless web link is provided)

# 3. Testing Types & Techniques

| Test Type | Purpose |
| --- | --- |
| Functional Testing | Ensure all features behave as expected |
| UI/UX Testing | Check screen layout, visual consistency, button alignment, labels |
| Negative Testing | Handle invalid or missing data inputs |
| Usability Testing | Validate user navigation experience and ease of use |
| Boundary Testing | Validate file sizes, input field lengths, edge-case dates |
| Security Testing | Validate authentication, unauthorized access prevention, data leakage |
| Performance Testing | Validate speed, file upload time, responsiveness |
| Cross-Device Testing | Confirm behavior across screen sizes/orientations |

**Test Strategy**:

The first step is to create test scenarios and test cases for the various features in Scope.

While developing test cases, we'll use a number of test design techniques.

* Valid scenarios (correct username and password).
* Invalid scenarios (incorrect username or password).
* Boundary value testing (e.g., empty fields, maximum character limits).
* Error message verification.
* UI/UX considerations for the modules (e.g., button visibility, alignment, etc.).

We also use our expertise in creating Test Cases by applying the below:

* Error Guessing
* Exploratory Testing

Step 2: Our testing procedure when we receive a request for testing:

* First, we'll conduct analyze the documents and KT sessions and then as per that prepare necessary documents such as Test Suite
* Perform Smoke Test and check for obvious issues
* Once we receive a stable build, which passes Smoke Testing, we perform in depth testing using the Test Cases created.
* We then report the bugs in the bug tracking tool / Google docs and send dev. management the defect found on that day in a status end of the day email.(Daily Status Report)

As part of the Testing, we will perform the below types of Testing:

* Smoke Testing and Sanity Testing
* Regression Testing and Retesting
* Usability Testing, Functionality & UI Testing
* We repeat Test Cycles until we get the quality product.
* Exploratory Testing
* Retesting after bug fixes
* Test Closure

# 4. Test Environments

- Devices: Android 11+, iOS 14+, tablets  
- Browsers: N/A (Mobile app only)  
- Network: Wi-Fi, 4G, 3G (for performance)  
- Test APK and Test IPA

# 5. Test Data

- Amount: 100, 200.50  
- Invalid Amount: abc, !@#, 1a2  
- IBAN: AE070331234567890123456  
- Document Uploads: JPG, PNG, PDF, >2MB file  
- Date Values: Today, Past 30 Days, Future Date

-**Password:**qatest

# 6. Tools Used

- Test Management: Google Sheets / TestRail  
- Bug Tracking: Jira / Trello  
- Collaboration: Slack / Figma / Notion  
- Documentation: Google Docs / Confluence  
- Reporting & Charts: Google Sheets / Google Slides  
- Automation : Appium / BrowserStack

-API : Postman/ Swagger

# 7. Deliverables

## Internal Use:

- Test Plan document (this one)  
- Master test case spreadsheet  
- Execution results & defect logs  
- Defect severity breakdown  
- Performance summary  
- Retest results

## Customer/UAT Use:

- UAT-ready test cases with sign-off columns  
- Final summary report (pass %, open bugs, known issues)

- Visual charts for defect distribution and coverage  
- Recommendation and next steps

# 8. Test Timeline (1 Week Plan)

Following is the test schedule planned for the project – Task Time Duration

| **Task** | **Dates** |
| --- | --- |
| * Creating Test Plan | N/A |
| * Test Case Creation | N/A |
| * Test Case Execution | N/A |
| * Summary Reports Submission Date | N/A |

# 9. Risks & Mitigation

| Risk | Mitigation |
| --- | --- |
| Delayed access to design or staging | Use Figma flows & prepare dry test cases |
| File upload limits unclear | Clarify with dev/product team early |
| Last-minute UI changes | Buffer time, sync with design weekly |
| Limited device access | Use BrowserStack / device cloud services |

# 10. Testing Devices List

**iOS**

| **iPhone Model** | **Screen Size** | **Resolution (px)** | **Display Type** |
| --- | --- | --- | --- |
| iPhone SE (2020 / 2022) | 4.7" | 750 x 1334 | Retina HD LCD |
| iPhone 11 | 6.1" | 828 x 1792 | Liquid Retina LCD |
| iPhone 11 Pro | 5.8" | 1125 x 2436 | Super Retina XDR OLED |
| iPhone 11 Pro Max | 6.5" | 1242 x 2688 | Super Retina XDR OLED |
| iPhone 12 / 12 Pro | 6.1" | 1170 x 2532 | Super Retina XDR OLED |
| iPhone 12 Mini | 5.4" | 1080 x 2340 | Super Retina XDR OLED |
| iPhone 12 Pro Max | 6.7" | 1284 x 2778 | Super Retina XDR OLED |
| iPhone 13 / 13 Pro | 6.1" | 1170 x 2532 | Super Retina XDR OLED |
| iPhone 13 Mini | 5.4" | 1080 x 2340 | Super Retina XDR OLED |
| iPhone 13 Pro Max | 6.7" | 1284 x 2778 | Super Retina XDR OLED |
| iPhone 14 / 14 Pro | 6.1" | 1170 x 2532 | Super Retina XDR OLED |
| iPhone 14 Plus | 6.7" | 1284 x 2778 | Super Retina XDR OLED |
| iPhone 14 Pro Max | 6.7" | 1290 x 2796 | Super Retina XDR OLED |
| iPhone 15 / 15 Pro | 6.1" | 1179 x 2556 | Super Retina XDR OLED |
| iPhone 15 Plus | 6.7" | 1290 x 2796 | Super Retina XDR OLED |
| iPhone 15 Pro Max | 6.7" | 1290 x 2796 | Super Retina XDR OLED |

**Android**

| **Android Phone Model** | **Screen Size** | **Resolution (px)** | **Display Type** |
| --- | --- | --- | --- |
| Samsung Galaxy S21 | 6.2" | 1080 x 2400 | Dynamic AMOLED 2X |
| Samsung Galaxy S21+ | 6.7" | 1080 x 2400 | Dynamic AMOLED 2X |
| Samsung Galaxy S21 Ultra | 6.8" | 1440 x 3200 | Dynamic AMOLED 2X |
| Samsung Galaxy S22 | 6.1" | 1080 x 2340 | Dynamic AMOLED 2X |
| Samsung Galaxy S22 Ultra | 6.8" | 1440 x 3088 | Dynamic AMOLED 2X |
| Samsung Galaxy S23 | 6.1" | 1080 x 2340 | Dynamic AMOLED 2X |
| Samsung Galaxy S23 Ultra | 6.8" | 1440 x 3088 | Dynamic AMOLED 2X |
| Google Pixel 6 | 6.4" | 1080 x 2400 | AMOLED |
| Google Pixel 6 Pro | 6.7" | 1440 x 3120 | LTPO AMOLED |
| Google Pixel 7 | 6.3" | 1080 x 2400 | AMOLED |
| Google Pixel 7 Pro | 6.7" | 1440 x 3120 | LTPO AMOLED |
| Google Pixel 8 | 6.2" | 1080 x 2400 | Actua Display |
| Google Pixel 8 Pro | 6.7" | 1344 x 2992 | Super Actua Display |
| OnePlus 11 | 6.7" | 1440 x 3216 | AMOLED |
| Xiaomi 13 | 6.36" | 1080 x 2400 | AMOLED |
| Xiaomi 13 Pro | 6.73" | 1440 x 3200 | AMOLED |
| Nothing Phone (1) | 6.55" | 1080 x 2400 | OLED |
| Motorola Edge 40 | 6.55" | 1080 x 2400 | P-OLED |