

# TEST PLAN

## Mytheresa Login Feature

### Abstract

This document provides an overview of the project and the product test strategy, a list of testing deliverables and plan for development

Niranjan Pandav

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## VERSION HISTORY

Version #	Write by	Revision Date	Approved By	Approval Date	Outline
1.0	<i>Niranjan Pandav</i>	<i>2022/04/04</i>	-	-	Test Plan create

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## INTRODUCTION

The Test Plan is designed to prescribe the scope, approach and resources of all testing activities of the mytheresa login feature.

The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing and the resources required to complete testing.

## 1 TEST STRATEGY

### 1.1 Scope of Testing

#### 1.1.1 Feature to be tested

Module Name	Applicable Roles	Description
Login Functionality	Customer	<b>Customer:</b> A customer should land on main screen of mytheresa user interface either with native mobile application or with web-based UI site after providing correct email and password on login form.

#### 1.1.2 Feature not to be tested

Login feature are not to be tested based on business requirement specified

- Hardware Interfaces
- Communications Interfaces

### 1.2 Test Type

In the login feature of mytheresa, there're 3 types of testing should be conducted.

- **Integration** Testing (Individual software modules are combined and tested as a group)
  - **System** Testing: Conducted on a **complete, integrated** system to evaluate the system's compliance with its specified requirements
  - **Database Testing:** Conducted as part of back-end validation
  - **API testing:** Test all the APIs created for the software under tested
  - **Mobile Testing:** Conducted over iOS and Android as part of mobile native application
  - **Automation Testing:** Automation coverage includes UI testing at application layer, API tests at middle ware[intermediate] layer and database tests as part of back-end system.  
Automation coverage will include all positive and negative login validation scenarios

### 1.3 Test Logistics

#### 1.3.1 Who will test?

The feature should be tested by experienced senior quality engineer as it includes back end driven tests

#### 1.3.2 When will test occur?

The tester will start the test execution when all the following inputs are ready

- Software is available for testing
- Test Specification is created
- Test Environment is built

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## 2 TEST OBJECTIVE

The test objectives are to **verify** the login functionality of mytheresa, It should focus on testing the **login functionality** for platform like iOS, Android and Web based to **guarantee** all functionality can work **normally** in real business environment.

## 3 TEST CRITERIA

### 3.1 Suspension Criteria

If the team members report that there are **40%** of test cases **failed**, hold testing until the development team fixes all the failed cases.

### 3.2 Exit Criteria

Specifies the criteria that denote a **successful** completion of a test phase

- **Run** rate is mandatory to be **100%** unless a clear reason is given.
- **Pass** rate is **80%**, achieving the pass rate is **mandatory**.

## 4 RESOURCE PLANNING

### 4.1 System Resource

No.	Resources	Descriptions
1.	Test Automation framework	Develop automation tests which can execute all test scenarios for feature and generate the test result to the pre-defined form
2.	iOS and Android devices	At least 2 iOS devices [Latest and latest-1] At least 2 Android devices [Latest and latest-1]

### 4.2 Human Resource

No.	Member	Tasks
1.	Test Manager	Manage the whole project Define project directions Acquire appropriate resources
2.	Test Engineer	Identifying and describing appropriate test techniques/tools/automation architecture Verify and assess the Test Approach Execute the tests, Log results, Report the defects.

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## 5 TEST ENVIRONMENT

The Test Environment should be setup as below

1. Test
2. Staging
3. Production

## 6 TEST DELIVERABLES

Test deliverables are provided as below

### 6.1 Before testing phase

- Test plans document.
- Test cases documents
- Test Design specifications.
- Identification of automation candidates

### 6.2 During the testing

- Test Tool
- Test Data
- Test Trace-ability Matrix
- Automation scripts development and execution [In Sprint and Regression]
- Error logs and execution logs.

### 6.3 After the testing cycles is over

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