

## Test Plan Document

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### **Instructions:**

1: Prepare at least 8-10 test cases for each **implemented use case** (functional requirements) as per the below given template which should include Unit, Integration and System Test cases.

2: Carry out manual testing for all the test cases and populate the columns Actual Result and Test Result.

### **Template of a Test case:**

Test Case ID	Name of Module	Test case description	Pre-conditions	Test Steps	Test data	Expected Results	Actual Result	Test Result
REQ01 TC01	Login Module	Login with invalid user id and passcode	Database should have required data to verify	Enter user id and passcode	User id: 60094534589 0 Password: 51237891	Error: Please try to login through correct credentials	Error: Please try to login through correct credentials	Passed

REQ01 TC02	Login Module	Login with valid user id but invalid passcode	Database should have required data to verify	Enter user id and passcode	User id: 60094534589 1 Password: 51237895	Error: Wrong passcode! Re-enter correct details	Error: Wrong passcode! Re-enter correct details	Passed
REQ01 TC03	Login Module	Login with valid user id and valid passcode	Database should have required data to verify	Enter user id and passcode	User id: 60094534589 1 Password: 51237890	Login Successful	Login Successful	Passed
REQ02 TC01	Withdra wing money	Withdrawing an amount within customer's balance	Customer's balance should be present in database	Enter amount to be withdrawn	Amount:  Rs. 2600	Withdrawal successful	Withdrawal successful	Passed
REQ02 TC02	Withdra wing money	Adding a product that is already present in the database	Customer's balance should be present in database	Enter amount to be withdrawn	Amount:  Rs. 13799	Withdrawal unsuccessf ul	Withdrawal unsuccessfu l	Passed
REQ03 TC01	Change pin	Enter old pin  And enter new pin	Database should have old pin of user stored	Enter correct old pin  Enter new valid pin	Old pin: 5123  New pin: 4480	Change successful	Change successful	Passed
REQ03 TC02	Change pin	Entering wrong old pin and	Database should have old	Enter wrong old pin	Old pin: 5125  New pin: 4480	Error: Wrong pin entered	Error: Wrong pin entered	Passed

		entering new pin	pin of user stored	Enter new valid pin				
REQ03 TC03	Change pin	Enter correct old pin and enter new pin in invalid format	Database should have old pin of user stored	Enter wrong old pin  Enter new invalid pin	Old pin: 5123 New pin: 448a	Error: Incorrect format	Change successful	Failed
REQ04 TC01	Creating new pin	For first time users, set customized pin and enter valid pin	Database should have null value in pin column	Enter valid pin	Pin: 5123	Pin successfully set	Pin successfully set	Passed
REQ04 TC02	Creating new pin	For first time users, set customized pin and enter an invalid pin	Database should have null value in pin column	Enter invalid pin	Pin: 512F	Error: Incorrect format of pin	Pin successfully set	Failed

- **Test Case ID** : Each test case should be represented by a unique ID. To indicate test types, follow some convention like "UT\_01" indicating "Unit Testing - Test Case#1."
- **Name of the module** : Specify the name of the **main module or sub module** being tested
- **Test Case Description** : Specify the summary or test purpose in brief
- **Pre- Conditions** : Any requirement that needs to be done before execution of this test case.
- **Test Steps** : Mention all the steps in detail and specify the order in which it is to be executed.
- **Test Data** : Input for the test case to be executed. Specify different data sets with precise values to be used as input. (create test case for both valid and invalid inputs)

- **Expected Results :** Mention the expected results including error or precise messages that should be displayed on screen
- **Actual Results :** After execution of test case fill this column with the result obtained
- **Test Result (Pass/Fail) :** Mark this field as “fail” if the actual result is not same as expected result else mark as “pass”.