1. **Monefy App Exploratory test charters.**

**Prioritisation**

Adding account and Account functionality comes the first priority, as without adding a single account, we are not able to perform any other Expense/Income addition functionalities.

Dashboard Items has been taken to the next priority, as this is the major module and it help us to cover most of the Expense/Income categories and the common functionalities.

Verifying the Balance and Account functionality comes the second part.

Performance and Interruptions are taken into the last priority. Because , initially, the major module functionality testing is important than the non-functional part

**Estimation**:

Different modules take different time to plan the execution based on the complexity.

Dashboard pie chart business calculation takes more time when compare to other modules.

**Risk Mitigation**

There should be some Authentications method for the transactions, deletion of account. What I notice is all the data is getting vanished once we delete the account. This should be taken into the account. Also, there should be some Security testing performed to avoid any data breach to the outside network. This is more of personal spending and income details of an individual. Data is important here.

**Did Everything work as Expected?**

Most of the scenario is passed, though there are some bugs and I have highlighted it with the Exploratory testing charters below.

1. **Test Scenarios\_04: Accounts**

**Explore:** The Account functionality

**With:** Add a new account, add two or more account and perform a new transfer between the accounts**.**

**To Discover:** The transfer Add account and transfer functionality works without any issues.

**Bug found: Transfer $1 from account A 🡪B Expectation is Account A should get deducted $1 and account B should get Credited $1. But here both the Account A and B gets added $1 to their current balance.**

1. **Test Scenario\_01: Add expenses to different categories.**

**Explore**: Add Expenses to multiple categories listed in the Application home.

**With**: Categories – Food, Car, House, Entertainments and Health

**To Discover**: The expenses are getting added to the list and reflected in the home page pie chart, Any bugs**.**

1. **Test Scenario\_02: Add New Income**

**Explore:** Add Income to the different categories from the Application dashboard.

**With:** Categories – Deposits, salary, and Savings.

**To Discover:** Income is getting added to the balance, Any bugs.

**Bug found: The Pie chart doesn’t point to some of the categories when we add more expense to a single category.**

1. **Test Scenario\_03: Verify the Balance tab.**

**Explore:** The Balance tab

**With:** Having different expenses and income added**.**

**To Discover:** Expenses and Income is getting calculated correctly, Any bug in the calculation**.**

1. **Test Scenarios\_05: Move the expenses and Income from One category to other**

**Explore:** Update or Move expenses between the categories.

**With:** Update already added expense/Income from the balance page, Change the Already added expense/Income to another category**.**

**To Discover:** The Update/transfer transactions should work without any issues.

1. Automation Script

**Github:** <https://github.com/niyasnpkdy/Niyas_Parambath.MonefyTests>

**Base class: MonefyApp.java** //Base class has the initialisation setup for the application. Also the base class constructor initiate the properties object to read the **Config.properties** file

**Test NG Classes**:

@BeforeTest //Initial Setup and driver initialisation

@BeforeMethod //Launch the application

@Test // Perform the test case execution

@AfterTest //Teardown methods.

AddAccountTest.java //Test case to add account

DashBoardAddIncomeTest.java //Test case to add income form dashboard

DashBoardExpenseTest.java //Test Case to add expense from expense main button

ExpenseCategoriesTest.java //Test case to add expense categories from dashboard.

**Properties file**

Config.properties //This has all the input values, Some of the common Xpaths and ID attributes.

**Util Class**

MonefyTestUtil.java //This has the commonly used methods

1. **Test Scenarios\_06: Performance and Interrupt tests**

**Explore:** Run some ad-hoc testing to see the application performance or hang issues.

**With:** Get a network call while using the application.

**To Discover:** The application works perfectly alright with all the conditions.