**Test cases for Monefy application:**

*Note: Priority is added in front of each test case below as Tier 1 (high priority) and Tier 2 (low priority)*

* Add income

Test cases:

* + click the + green button (add income) on the bottom right of the application and verify if the New Income screen appears on click (*Tier 1*)
  + Verify that the user can add new income amount by using the calculator(buttons) (*Tier 1*)
  + Verify that the user can add Note for the new income (*Tier 2*)
  + Verify that the choose category button allows the user to select an income category (*Tier 1*)
    - Chose category should not work until a value is added (*Tier 2*)
  + Verify that when the user selects an income category, the amount is added to the income and the updated amount is visible on the home screen inside the pie chart in green color. (*Tier 1*)
    - Verify the amount should only save once clicked on the category name else should not save(medium)
  + Verify that the balance on the home screen is also updated as per the new income added (*Tier 1*)
* Add expense

Test Cases:

* + click the – (minus) red button on the bottom left of the application and verify if the New Expense screen appears (*Tier 1*)
  + Verify that the user can add new expense amount by using the calculator(buttons) (*Tier 1*)
  + Verify that the user can add Note for the new expense (*Tier 2*)
  + Verify that the choose category button allows the user to select an expense category (*Tier 1*)
    - Chose category should not work until a value is added (Medium)
  + Verify that when the user selects an expense category, the amount is added to the expense and the updated amount is visible on the home screen inside the pie chart in red color. (*Tier 1*)
    - Verify the amount should only save once clicked on the category name else should not save (*Tier 2*)
  + Verify that the balance on the home screen is also updated as per the new expense added (*Tier 1*)
* Delete expense

Test Cases:

* + Click on expense category (e.g clothing) plotted on the pie chart, verify that the selected category is visible as expanded with the amount and date of expense (*Tier 2*)
  + Click on the amount, verify that the Edit expense screen opens (*Tier 1*)
  + Click the Delete icon on the top right and verify that the selected category/amount is deleted and the expense amount is updated. Verify that the balance amount is also updated (*Tier 1*)
* Delete income

Test Cases:

* + Click on balance button on home screen, verify that the balance screen opens (*Tier 2*)
  + Click on the income category to expand it, verify that all incomes added under the expanded category are visible. (*Tier 2*)
  + Click on the amount to delete, verify that the Edit income screen opens (*Tier 1*)
  + Click the Delete icon on the top right and verify that the selected category/amount is deleted and the income amount is updated. Verify that the balance amount is also updated (*Tier 1)*
* Edit expense

Test Cases

* + Click on expense category (e.g clothing) plotted on the pie chart, verify that the selected category is visible as expanded with the amount and date of expense (*Tier 2*)
  + Click on the amount, verify that the Edit expense screen opens (*Tier 2*)
  + Update the amount and click the change category button, verify that the selected category/amount is update and the expense amount is updated. Verify that the balance amount is also updated. (*Tier 1*)
* Edit income

Test Cases:

* + Click on balance button on home screen, verify that the balance screen opens (*Tier 1*)
  + Click on the income category to expand it, verify that all incomes added under the expanded category are visible. (*Tier 2*)
  + Click on the amount, verify that the Edit income screen opens (*Tier 1*)
  + Update the amount and click the change category button, verify that the selected category/amount is update and the income amount is updated. Verify that the balance amount is also updated. (*Tier 1*)
* Interval Selection

Test Cases:

* + Verify that the Kebob menu on the top left of the home screen when clicked open the flyout menu to select intervals (*Tier 1*)
    - Verify that the selected interval is reflected on the home screen and the amounts are distributed as per the selected interval (day/week/month/all etc) (*Tier 1*)
    - Verify that the choose date option opens the details of selected date and shows relevant amounts (*Tier 1*)
* Verify add expense by clicking the expense categories logo on the home screen (*Tier 2*)
* Verify that the expense category shows the % distribution among the categories with added expense. (*Tier 2*)
* Verify the horizontal scroll works by adding more and more categories in balance screen (*Tier 2*)
* Verify the search button in the top header is opening the search typeahead and search works properly (*Tier 2*)
* Verify the transfer button in the top header is opening the new transfer screen (*Tier 2*)

Verify all option in the top right three dot menu:

Categories:

* Verify the categories flyout opens when categories button is clicked, and both Expense and Income sections are visible with their lists of already available categories (*Tier 2*)
* Click on any category under both expense and income and verify if the relevant screen opens for the selected category (*Tier 2*)
  + Click on the delete button from the top right of the screen, verify that the delete category function is working properly (*Tier 2*)
  + Click on a different category icon on the edit category screen and verify that the pro features screen appears (*Tier 1*)
  + Click on the three dot menu on edit category screen and click on Merge, verify that the two categories are merged together and their expense amounts are also merged. (*Tier 2*)
* Click on the + sign for expense or income and verify that the pro features screen opens (*Tier 1*)
  + Verify that the pro features screen lists the available features with pro version (*Tier 2*)
  + Click on the By $ amount, verify that the Google play popup opens asking for right billing options (*Tier 1*)

Accounts:

* Verify add account functionality (medium)
* Verify transfer amount functionality between different accounts (*Tier 1*)
  + Verify the transfer does not work between same type of accounts (*Tier 2*)
* Verify edit account functionality (*Tier 2*)
* Verify delete account functionality (*Tier 2*)

Currencies:

* Verify that it opens the pro features screen (*Tier 1*)
  + Verify that the pro features screen lists the available features with pro version (medium)
  + Click on the By $ amount, verify that the Google play popup opens asking for right billing options (*Tier 1*)

Settings:

* Balance (*Tier 2*)
  + Verify all the options under balance work as expected
* General Settings
  + Unlock Monefy Pro (*Tier 1*)
  + Dark theme (*Tier 2*)
    - Verify if dark theme is implemented on the app without any errors
  + Localization (*Tier 1*)
    - Click the currency button in settings and verify if the list of currencies opens
    - Select a currency e.g. PKR, and verify if PKR currency is selected and is implemented across the application
    - Verify if user can select different languages
    - Verify if the selected language is implemented across the application
  + First Day of Week (*Tier 2*)
    - Verify if the first day of week is selectable and is working as expected in the application
  + Passcode Protection (*Tier 1*)
    - Verify that it takes the user to pro features screen
  + Review Application (*Tier 1*)
    - Verify that it takes the user to Play store on Monefy app Rate this app section
  + Export to File (*Tier 2*)
  + About Moenfy (*Tier 2*)
  + Privacy Policy (*Tier 1*)
  + Synchronization (*Tier 1*) – Should open pro feature screen
  + Data Backup (*Tier 2*)

Other test cases:

* Verify that the data should not overlap in the app (*Tier 1*)
* Verify the usability factors of app such as Click/tap should not skip (*Tier 1*)
* Verify the compatibility with different android phones – as agreed by the stakeholders (*Tier 1*)
* Verify the application on the OS versions supported – as agreed by the stakeholders (*Tier 1*)
* Verify the Screen sizes adaptability (*Tier 1*)
* Verify that the App should get removed from mobile when uninstalled (*Tier 1*)
* App should not block main features of mobile device – like receiving call (*Tier 1*)
* Performance should be as per the set threshold with stakeholders (*Tier 1*)
* Stress tests should be conducted as per the agreement (*Tier 1*)
* Verify that the Notifications from app settings should work as per the selected preferences (*Tier 1*)
* Keep the app icon clicked – Select all the three options (Create new transfer record, Create new income record, Create new expense record) (*Tier 1*)
  + Verify that he relevant screen opens. E.g. Tap the Create new income record should open the application with the New Income screen opened
* Verify data is saved when the app is closed (*Tier 1*)
* Verify if the app crashes – it recovers the data (*Tier 1*)
* Font and color scheme is user friendly (*Tier 2*)