**Monefy mobile app Scenarios**

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| **SC\_01** |  |
| **Scenario Title** | User Registration |
| **Scenario Description** | A new user can successfully register for an account in the application |
| **Preconditions** | None |
| **Test Steps** | 1-user open the Monefy app   Input: User clicks on the app  Expected Output: The welcome screen appear and the Get Started button appear  2-user click on the Get Started button  Input: User clicks on the Get Started button  Expected Output: Second screen will appear with App’s information  3-user click on the Next button “Amazing”  Input: User clicks on the Amazing button  Expected Output: Second screen will appear with App’s goals  4-user click on the Next button “I’m Ready”  Input: User clicks on the I’m Ready button  Expected Output: the Pro plane description should appear and any new offers and Terms and conditions link with an exit button  5-user click on the exit button  Input: User clicks on the exit button  Expected Output: the dashboard should appear with automatic guidelines |
| **Postconditions** | The user has a registered account |

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| **SC\_02** |  |
| **Scenario Title** | Expense Tracking |
| **Scenario Description** | verifies the user's ability to add, view expenses |
| **Preconditions** | User should finish the started steps and be on the app's dashboard |
| **Test Steps** | 1-User taps the "Add Expense" button  **Expected Outcome**: The expense entry form is displayed  2-User enters a valid expense amount, selects a category, and adds a description  **Input**: User fills out the expense form with valid data  **Expected Outcome**: The expense is successfully added to the user's financial records  3-User navigates to the "Balance List" section  **Expected Outcome**: The recently added income is visible in the balance list, correctly categorized |
| **Postconditions** | The user has successfully added and viewed an Expense source |

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| **SC\_03** |  |
| **Scenario Title** | income Tracking |
| **Scenario Description** | verifies the user's ability to add, view income |
| **Preconditions** | User should finish the started steps and be on the app's dashboard |
| **Test Steps** | 1-User taps the "Add income" button  **Expected Outcome**: The income entry form is displayed  2-User enters a valid income amount, selects a category, and adds a description  **Input**: User fills out the income form with valid data  **Expected Outcome**: The income is successfully added to the user's financial records  3-User navigates to the "Balance List" section  **Expected Outcome**: The recently added income is visible in the Balance list, correctly categorized |
| **Postconditions** | The user has successfully added and viewed an income |

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| **SC\_04** |  |
| **Scenario Title** | Currency Conversion |
| **Scenario Description** | Test the app's ability to handle multiple currencies and convert between them accurately |
| **Preconditions** | User should finish the started steps and be on the app's dashboard |
| **Test Steps** | 1-User adds an expense or income entry in a currency different from the app's default currency  **Input**: User selects a currency other than the default  **Expected Outcome**: The app accurately converts and displays the amount in the user's default currency  2-User reviews financial reports and analytics  **Expected Outcome**: The app presents financial reports and analytics that consider currency conversion, displaying accurate and consistent data |
| **Postconditions** | user can use the app with multiple currencies, and currency conversion is handled correctly |

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| **SC\_05** |  |
| **Scenario Title** | Exporting and Printing Reports |
| **Scenario Description** | User able to export and print financial reports for offline use or record-keeping |
| **Preconditions** | User should finish the started steps and be on the app's dashboard |
| **Test Steps** | 1-User selects a specific expense report they wish to export or print  **Expected Outcome**: The selected report is displayed  2-User initiates the export or print action from the app  **Input**: User chooses to export the report (e.g., as a PDF or CSV file) or print it  **Expected Outcome**: The report is exported in the selected format or sent to a connected printer for printing  3-User confirms that the exported or printed report contains accurate and complete data  **Expected Outcome**: The exported or printed report matches the content and format of the on-screen report |
| **Postconditions** | User is logged in and has specified financial goals |

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| **SC\_06** |  |
| **Scenario Title** | Budget Creation and Management |
| **Scenario Description** | Test the user's ability to create and manage budgets for different expense categories. |
| **Preconditions** | User should finish the started steps and be on the app's dashboard |
| **Test Steps** | 1-User navigates to the "Budgets" section  **Expected Outcome**: The budget management screen is displayed  2-User creates a budget for the "Car" category with a specified limit  **Input**: User sets a budget limit for Car  **Expected Outcome**: The budget is successfully created and displayed in the budget list.  3-User updates the budget limit for "Car"  **Input**: User modifies the budget limit  **Expected Outcome**: The updated budget limit is saved and reflected in the budget list.  4-User deletes the "Car" budget  **Input**: User removes the budget  **Expected Outcome**: The budget is deleted from the list |
| **Postconditions** | The user has created, updated, and deleted a budget successfully |

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| **SC\_07** |  |
| **Scenario Title** | Expense Category Management |
| **Scenario Description** | test the user's ability to manage expense categories, including creating, editing, and deleting categories |
| **Preconditions** | User is logged in and has accessed the expense category management section |
| **Test Steps** | 1-User adds a new expense category named "invoice"  **Expected Outcome**: The "invoice" category is added to the list of available expense categories  2-User edits an existing expense category, changing the name of "Groceries" to "Grocery Items"  **Expected Outcome**: The category name is successfully updated to "Grocery Items" across all expense records  3-User deletes the "Entertainment" expense category  **Expected Outcome**: The "Entertainment" category is removed, and any expenses previously categorized under it are re-categorized or marked as uncategorized |
| **Postconditions** | user has successfully managed expense categories by creating, editing, and deleting them |

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| **SC\_08** |  |
| **Scenario Title** | Multiple User Accounts |
| **Scenario Description** | This scenario tests the app's ability to support multiple account |
| **Preconditions** | User is logged in, and the app supports multiple accounts |
| **Test Steps** | 1-User creates a new account profile within the app, naming it "test"  **Expected Outcome**: The new user profile "test" is created, and it has its own distinct financial data  2-User switches between their own profile and the "test" profile.  **Expected Outcome**: The app correctly displays the financial data associated with the selected profile  3-User logs out and logs back in, selecting the "test" profile.  **Expected Outcome**: The user is directed to the "test" profile with its specific financial records |
| **Postconditions** | The app successfully supports multiple account profiles, allowing users to manage separate financial data |

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| **SC\_09** |  |
| **Scenario Title** | Filter By Date |
| **Scenario Description** | User can filter the balance by day, week, month and a certain date |
| **Preconditions** | User should finish the started steps and be on the app's dashboard |
| **Test Steps** | 1-User choose to filter the dashboard by day  **Expected Outcome**: The result on the dashboard will be income and expense on that day  2-User choose to filter by month  **Expected Outcome**: The result on the dashboard will be income and expense on that month  3-User choose to filter by a specific date period  **Expected Outcome**: The "Entertainment" category is removed, and any expenses previously categorized under it are re-categorized or marked as uncategorized |
| **Postconditions** | User can filter by date |

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| **SC\_10** |  |
| **Scenario Title** | User’s Transfers |
| **Scenario Description** | User can make a transfer from account to account |
| **Preconditions** | User should finish the started steps and be on the app's dashboard |
| **Test Steps** | 1-user choose to transfer from account to another  **Expected Outcome**: the transfer screen should appear with two field the amount and the accounts  2-user transfer from the cash account to the payment account  **Expected Outcome:** the transfer record should appear in the chosen both account |
| **Postconditions** | User can easily transfer from account to another |

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| **SC\_11** |  |
| **Scenario Title** | Data Backup and Synchronization |
| **Scenario Description** | Test the user's ability to back up their financial data and synchronize it across devices |
| **Preconditions** | User is logged in and on the app's main dashboard |
| **Test Steps** | 1-User goes to the "Settings" or "Account" section.  **Expected Outcome**: The account settings screen is displayed  2-User initiates a data backup or synchronization process  **Expected Outcome**: The app successfully creates a backup of the user's financial data and synchronizes it with the cloud or other connected devices  3-User logs out and logs in from another device  **Expected Outcome**: The user's financial data is consistent across devices, reflecting the same transactions, expenses, and income sources |
| **Postconditions** | The user's financial data is securely backed up and synchronized across authorized devices |

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| **SC\_12** |  |
| **Scenario Title** | APP search |
| **Scenario Description** | Test the app's search and filtering capabilities to help users easily find specific expenses among a large dataset |
| **Preconditions** | User is logged in, and there are multiple expenses in the app |
| **Test Steps** | 1-User searches for a specific expense using keywords (e.g., "Transport")  **Expected Outcome**: The app should display relevant search results, showing expenses related to the specified keywords  2-User applies filters to view expenses within a specific date range  **Expected Outcome**: The app should accurately filter and display expenses that fall within the selected date range |
| **Postconditions** | user can efficiently search for and filter expenses, making it easy to manage and review financial transactions |

**High Priority:**

1. User Registration and Login
2. Expense Tracking
3. Expense Category Management
4. Income Tracking
5. User transfer

**Medium Priority:**

1. Budget Creation and Management
2. Expense Reporting and Analysis
3. Goal Setting and Tracking

**Low Priority:**

1. Expense Search and Filtering
2. Multiple User Accounts
3. Data Backup and Synchronization

**Bugs Report**

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| ID | M\_01 |
| Title | The date field should not accept text input |
| Reproducible Steps | 1-open the Monefy App  2-click on the Gift sample  3-add the expense value  4-click on the date field  5-click on the edit button |
| Expected result | The date field should accept number only |
| Actual result | You can write any string on the date field and click save button |
| Attachments | C:\Users\dell\Downloads\Screenshot_20230929_181928_Monefy.jpg |
| Affected Devices | App Version: [1.16.3]  Device: [Samsung A23] |
| Network | Android v13.0 |
| Severity | low |
| Priority | low |
| Impact | Not a good UX to the user |

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| ID | M\_02 |
| Title | The Calculator on the add a new expense cause misunderstanding when u try to add two numbers |
| Reproducible Steps | 1-open the Monefy App  2-click on the Gift sample  3-add the expense value  4-enter a number ex:”12” and click the + button  5-choose the category item |
| Expected result | The number after clicking the + button is missing so it should show the only first number |
| Actual result | The number will duplicated in the final result will be “24” |
| Attachments | - |
| Affected Devices | App Version: [1.16.3]  Device: [Samsung A23] |
| Network | Android v13.0 |
| Severity | Major |
| Priority | High |
| Impact | The add expense will be different that user entered |

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| ID | M\_03 |
| Title | The back button doesn’t work correctly after opening the right side menu |
| Reproducible Steps | 1-open the Monefy App  2-click on the right three dots actual result: the left menu icon will be back button  3- click on the left back button to exit the setting menu |
| Expected result | You can back to the dashboard successfully |
| Actual result | When clicking the back button it will open the left menu in the same time with the right menu |
| Attachments |  |
| Affected Devices | App Version: [1.16.3]  Device: [Samsung A23] |
| Network | Android v13.0 |
| Severity | Low |
| Priority | Low |
| Impact | Not a good UX to the user |

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| ID | M\_04 |
| Title | Add the edit button behind the date on the add new expense screen |
| Reproducible Steps | 1-open the Monefy App  2-click on the Gift sample  3-add the expense value |
| Expected result | There is a edit button behind the date format |
| Actual result | There is no edit button behind the date field |
| Attachments | C:\Users\dell\Downloads\WhatsApp Image 2023-09-29 at 7.34.51 PM.jpeg |
| Affected Devices | App Version: [1.16.3]  Device: [Samsung A23] |
| Network | Android v13.0 |
| Severity | Low |
| Priority | Low |
| Impact | Not a good UX |

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| ID | M\_05 |
| Title | There is a limit validation on the note on the new expense |
| Reproducible Steps | 1-open the Monefy App  2-click on the Gift sample  3-add the expense value  4-type a note with a |
| Expected result | A validation message should appear to show the maximum size of the note ex:1000 letter |
| Actual result | There is no limit of the note field |
| Attachments | C:\Users\dell\Downloads\WhatsApp Image 2023-09-29 at 8.06.55 PM.jpeg |
| Affected Devices | App Version: [1.16.3]  Device: [Samsung A23] |
| Network | Android v13.0 |
| Severity | Low |
| Priority | Low |
| Impact | The note will not be displayed on full |

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| ID | M\_06 |
| Title | The name of the category should be unique name |
| Reproducible Steps | 1-open the Monefy App  2-click on the three dots menu  3-click on the categories button  4-click on the Gifts icon  5-change the name to existing name ex”Food”  6-back to the dashboard |
| Expected result | Validation message should appear and say the name already exists |
| Actual result | The category added with the same name |
| Attachments | - |
| Affected Devices | App Version: [1.16.3]  Device: [Samsung A23] |
| Network | Android v13.0 |
| Severity | Major |
| Priority | High |
| Impact | The add expense will be different that user entered |

**Automation Test Cases**

**Test Case 1: Basic Search Functionality**

**Test Steps:**

1. Navigate to the website's home page.
2. Locate the search input field.
3. Enter a valid search query (e.g., "Apple").
4. click on the search button.
5. Verify that the search results page is displayed.
6. Confirm that the displayed results are relevant to the search query.

**Test Case 2: Search Autocomplete**

**Test Steps:**

1. Navigate to the website's home page.
2. Locate the search input field.
3. Start typing a partial search query (e.g., "Appl").
4. Verify that autocomplete suggestions are displayed.
5. Select one of the autocomplete suggestions.
6. Confirm that the search results match the selected suggestion.

**Test Case 3: Empty Search Result Handling**

**Test Steps:**

1. Navigate to the website's home page.
2. Locate the search input field.
3. Enter a search query that is unlikely to yield results (e.g., "Empty11").
4. Perform the search.
5. Verify that the system provides a clear indication that no results were found.
6. Check for any helpful suggestions or guidance for refining the search.