**Home Challenge**

Thank you for taking the time to do our Home Challenge. It consists of two parts: First part is about creating a test plan for one of the money management applications. The second part is about writing a set of automated checks for a sample REST API.

Please submit your results by sending us a link to your **GitHub repository** containing:

* A single **markdown file** with the exploratory testing charters.
* A separate folder containing test automation implementation.

Tasks

1. As a **Software Quality Engineer,** you are given the task of performing exploratory testing on one of the Monefy mobile applications. Choose the platform you are more familiar with (iOS or Android) You can download the apps here:

* [iOS](https://apps.apple.com/us/app/monefy-money-manager/id1212024409)
* [Android](https://play.google.com/store/apps/details?id=com.monefy.app.lite)

Monefy is a money management app where you can add your expenses in a dedicated category and track your spendings. You can review your expenses in detailed charts.

Task

Please write down:

* Exploratory testing charters to document your testing. You can use the simple format of: Explore target, with resources, to discover information.

**=> RESOLUTION:**

**On the scenarios highlighted on yellow was found dome Bugs, that was detailed on the proper section**

|  |  |  |
| --- | --- | --- |
| **Scenario** | **Action** | **Expected result** |
| Onboarding: 7 days trial | - After intall, Click on the “Try 7 days for free”  - Select a payment option | - A google play screen must be displayed with the payment options  - The app home screen should be displayed, and a trial license period should start |
| Onboarding: Claim my offer | - After intall, Click on the “Claim my ofer” button  - Select a payment option and click on the pay button | - A google play screen must be displayed with the payment options  - The app home screen should be displayed |
| Category: Add category (Expenses) | - Click on the Options menu (Right up corner), then Categories (Expense)  - Click on the “+”, then fill the category name and select a icon | - A options menu is displayed  - A new categoy will be criated |
| Category: Add category (Incomes) | - Click on the Options menu (Right up corner), then Categories (Income)  - Click on the “+”, then fill the category name and select a icon, then click on Add button | - A options menu is displayed  - A new category will be created |
| Acconts: Add account | - Click on the Options menu (Right up corner), then click on Account  Click on the “+”, then fill the Account name and select a icon, then click on Add button | - A options menu is displayed  - A new Account will be created |
| Acconts: Transference | - Click on the Options menu (Right up corner), then click on Account  - Click on transfer button, fill a value, Select a Origin and destination Account, And click on “Add tranfer” | - A options menu is displayed  - The transference was realized |
| Currencies: Set precision | - Click on the Options menu (Right up corner), then click on Currencies  - Select a currency, then click on the Currency name, then set a precision | - A options menu is displayed  - Currency is selected as default and precision is changed |
| Settings (N) | - Click on the Options menu (Right up corner), then click on the Setting icon | - The settings screen is displayed with the following sections: Balance, General settings, Synchronization, Data backup |
| Expense: New expense | - Click on the “-” Icon on Main Screen - Fill the value, then choose category | - New expense screen is displayed  - New expense is added |
| Income: Income | - Click on the “+” Icon on Main Screen - Fill the value, then choose category | - New Income screen is displayed  - New Income is added |
| Filters (N) | - On the Left upper corner, click on the Filter Icon   - Select a Time Slot, | - A Menu options is displayed with time slots: (Day, Week, Month, Year, All, Interval and “Choose date”)  - The time filter is applied on the Home Screen |
| Check balance | - Click on the “Balance” button on the home screen | - It should display a briefing of the operations realized |
| Search | - On Home scree, click on the Search Icon  - type some item then click on the search button | - A input field should be displayed  - All items related to the search are displaied |
| Edit account balance | - Click on the Options menu (Right up corner), then click on Account  - Click over the account icon, then fill the “Initial account ballance” field and fill it | - A options menu is displayed  - The balance should be updated |

* Findings from your charters. Did everything work as expected? What bugs were discovered?

**=> RESOLUTION:**

* 7 days period not working on Android app

**Suggestion**: 7 days trial period shoul be availiable for new instalations

* The Edit account balance screen, when you fill the balance field, there is no option to conclude the operation like “Save” or “Submit”, then when you click on the “Back” option on the smartphone, the balance is updated.  
  **Suggestion**: add a “Save” or “Submit” button on this screen.
* On the transfer screen, when you click on the Notes field the floating keyboard is displayed, then click on the numeric field, the floating keyboard keeps been displayed and the value typed are not displayed.

**Suggestion**: when the user clicks on the numeric field, the floating keyboard should disappear and it should only allow to click the numbers from the screen numeric keyboard

* On the New category and New account screens, it accepts to type any characters on the Name field, and there is no limitation.

**Suggestion**: It should accept only letters and should have a size limit to type (example: 20 characters)

* Prioritization of those charters - which area of the app or testing would you explore first and why? How much time have you planned to spend for each charter?

**=> RESOLUTION:**

I would take the onboard functionalities first, then I would make the basics operations like: Creating a category, Creating a account, and then the transactions like: Creating Expense, Create income and transferences.

I would consider a whole day to test the app, something like 30 to 40 minutes for each scenario / test case

* What kind of risks do you need to mitigate for this type of application?

|Note: We want to see how you approach and organize exploratory testing and prioritize your work. **Please do not spend more than 2-3 hours on this task.**

**=> RESOLUTION:**

**I found no privacy or financial damage risk, the errors that I found was only functional errors.**