Exploratory tests Monefy

Areas to explore – by priority

# Navigation

- Navigation buttons/gestures work – 1 hour
- Navigation between pages should be fast, load correct page – 30 minutes
- Navigation between app, OS and back - 30

# Expense/Income

- Check add/edit/remove functionalities – 2 hours
- Amount input validate ranges, invalid characters, copy/paste – 2 hours
- Note text input validate length, injection, copy/paste – 1 hour
- Check calculator operations while adding new item – 1 hour

# Balance

- Deductions/increments changes – 1 hour
- Grouping by categories – 30 minutes
- Date filtering – 1 hour
- Update category and check balance item – 30 minutes

# Categories

- Add/Edit/Delete categories – 1 hour
- Category shortcut for new expense – 30 minutes

# Monefy Pro

- Call-to-action is displayed, and user can buy it – 1 hour
- Pro features, create category, dark mode – 3 hours

Results

I was not able to find any major issues with the app while testing it.
One minor issue. Steps to reproduce:

1. Edit existing income/expense
2. Make amount go negative. Use minus operation (5 – 10 = -5)
3. Observe that message "Changes saved" is displayed
4. The message is misleading as if you leave edit mode the new value is not stored

Risks

- Data security
- Performance
- Usability/Compatibility
- Test automation interaction with app
- Dependency on Play Store to test complete E2E flows

Android test automation

# Repository: https://github.com/tedescooo/home-test-challenge
# Using Appium java-client, junit, WebDriver, maven
# Test automation by priority

- Add/Edit/Delete expenses/incomes - Main use case
- Balance filtering/breakdown of values - Main use case
- Monefy Pro call-to-actions - Monetization
- Add/Edit/Delete categories - Important use case
- Settings language/currency/etc - user usability
- Accounts

Notes

# Due to a number of issues for UI tests I did not have the time to do REST test automation and limited the number of tests I could implement in timely manner.
# This was my first experience with native test automation.