Manual UI test steps

- Sign Up
    - o Start from the initial screen of the up app, click on the "registration" button to register for an account.

    - o Fill in every field and click "Create an Account".
    - o If successful, will navigate to the Dashboard activity.
        - Users can exit the app and re-enter without needing to log in again
    - o If unsuccessful (e.g., entered an invalid email, or an email already used), the user will be prompted to that the information is invalid
- Login
    - o Start from the initial screen of the up app, click on the "Login" button to register for an account.

    - o Fill in a valid email and password and click Log in.

    - o If successful, will navigate to the Dashboard where the user can logout. Users can exit the app and re-enter without needing to log in again

    - o If unsuccessful (e.g., entered invalid credentials, the user will be prompted about the failure
- Home
    - o Upon successful login, the user will be directed to the home fragment in the dashboard

    - o Ensure that the welcome message on the top includes the user's registered first name.
    - o Currently parked cars should be displayed below, if no cars are currently parked, should show the "empty" message.
        - When data is still loading from the database, ensure that, a shimmer card is shown as a placeholder for the loading card items.
        - Ensure that users can swipe to the left to view all the currently parked cars (if there are more than one)
        - Ensure that each "parked car item" shows: License place, car nickname, meter number, where the parking session started, how long it has been parking for (in hours and minutes), and the cost up till now.
            - Unit tests are available to test how the costs and durations are calculated.
    - o Clicking on the account icon on the top right of the home page should navigate the user to the accounts page. The accounts page should display the user's registered first and last name, as well as the email on the top.
        - Personal information
            - User can update their basic info on the personal information page.
            - Ensure that a "success" alert is shown after pressing on the "save" button.
            - When navigating back to the account and home pages, ensure that the displayed info is updated.
        - Payment Method

- User can Add their payment information (for the first time) or update the information.
- Ensure that a "success" alert is shown after pressing on the "save" button.
- If setting up the payment information for the first time, the ensure that you can now add new license plates to the account under the "cars" fragment. (more described below)

- Car
  - Using the bottom navigation to navigate to the "cars fragment"
  - If the user has not set up their payment information, ensure that the "register a new car" button is disable, and there are currently no cars registered under the account.
    - Once payment is set up, ensure that the button is now enabled

  - Verify that if there are no cars registered under the account, the page shows the "empty" message. Else, verify that all the registered cars are displayed.
  - Click the "Register A New Car" button to navigate to the "add car" screen
  - Enter a valid (6 character) license plate (plate number should not be registered under any other account), and a car name, and click the "Add" button
    - verify that if an invalid license plate entered, then the app notifies the error
    - verify that if the process was successful, you will navigate back to the cars screen, with the new item showing up in the horizontal list.
    - verify that if no car name was entered, the name will be saved to be the same as the license plate
  - Click on any car item, to navigate to the "edit" page for the car item.
  - Verify that you are able to "edit" the car name, but not the license plate.
  - Click on the "delete" button, and verify that you navigate back to the cars page, and the deleted item is no longer part of the cars list.

- History
  - Using the bottom navigation to navigate to the "History Fragment"
  - If the user has not no parking history yet, ensure that the list shows the "empty" message
  - Ensure that for each past parking history, the License plate, car nickname, final cost, and date of parking session is shown
  - For each parking history, user can click on the item, and should be navigated to a receipt, showing more details of the parking session
    - Including: plate number, date, session start time, session duration, meter number, and final cost

- Admin only
  - Log in with a special admin account email= admin@admin.com, password = ADMINADMIN.
  - From the home fragment, navigate to the accounts fragment by clicking the accounts button on the top right

- Ensure that an extra tab is shown below the profile information called "Meter Status"
  - This should not have been visible for non-ADMIN accounts
- Clicking on "meter Status" should navigate the user to the Meter fragment that shows the current status of each meter
  - This includes information like the meter number, whether it is currently occupied or not, unit price and when it was last updated.
- Clicking on the "RESET" button should reset any OCCUPIED meters into the EMPTY state.
  - There will be no changes if the meter is already unoccupied (EMPTY)
- If change to a meter has occurred, ensure that clicking on the refresh button on the top right will update the meter status list.