Programming Language Requirement:

You must build the app using Flutter, one of the suggested languages. You can use third-party libraries and any available public APIs.

Functional Requirements:

1. User Login and Authorization (Peanut):

   ● Users should log in and save their authorization without re-entering credentials.
   ● Use the POST method **IsAccountCredentialsCorrect** from the REST service: https://peanut.ifxdb.com/docs/clientcabinet/index.html
   ● The method gives an access token with a limited lifespan.
   ● Manage token expiration situations.
   ● Test account:
       ● Login: 2088888
       ● Password: ral11lod
   ● Users should be able to log out and log in again.

2. Fetch User Profile Data from Peanut:

   ● Use **GetAccountInformation** and **GetLastFourNumbersPhone** methods to retrieve and display personal data.
   ● Swagger documentation provides details.
   ● Use the user's login and token from step 1 in POST requests.
   ● Users should view basic account information.

3. Fetch the User Trades List from Peanut:

   ● Use **GetOpenTrades** method to access the user's trade list.
   ● Swagger documentation provides details.
   ● Use the user's login and token from step 1 in POST requests.
   ● Implement UI to view the trade list (e.g., scrollable "cards").
   ● Enable responsive scrolling and list refreshing (via a Refresh button or swipe).

4. Calculate and Display User Profit:

   ● Utilize data from step 3.
   ● Calculate and display the total user profit (using the "profit" field from the method's response).
   ● Ensure the value updates with the list.