Code Challenge: Expatrio Login and Tax Data Update

Time: 7 days given to finish the challenge

Objective: Create a Flutter application for Expatrio that implements a login page, a screen with a Call-to-Action (CTA) to update tax data, and a bottom sheet for inputting and editing tax data.

GIT REPO: https://github.com/gogetsu4024/expatrioCodingChallenge

Requirements:

1. Implement a login page with Expatrio authentication.
2. After successful login, redirect the user to a screen with a prominent CTA to update their TAX DATA.
3. When the user clicks on the "Update Tax Data" CTA, a bottom sheet should open, prompting the user to input their tax data.
    1. Implement API to receive tax data and to pre-populate existing fields.
4. The bottom sheet should allow the user to select a country from a list from lib/shared and also allow the user to input a TAX ID number for the field.
5. A user can select multiple taxation countries by clicking the ADD ANOTHER CTA. However, the user should not be able to choose a previously selected country.
    1. Note: The user can also remove any additional countries by clicking on the remove CTA. Please note: By default, the user must have at least one country/tax pair available.
6. The user must be forced to check a checkbox verifying the accuracy of their information before being able to submit their tax data.
7. The tax data should be stored locally for the user’s ID and pushed to the backend via API integration.
8. If the user clicks on the "Update Tax Data" CTA again, the bottom sheet should open with the user's populated data, allowing them to edit and update the information at will.

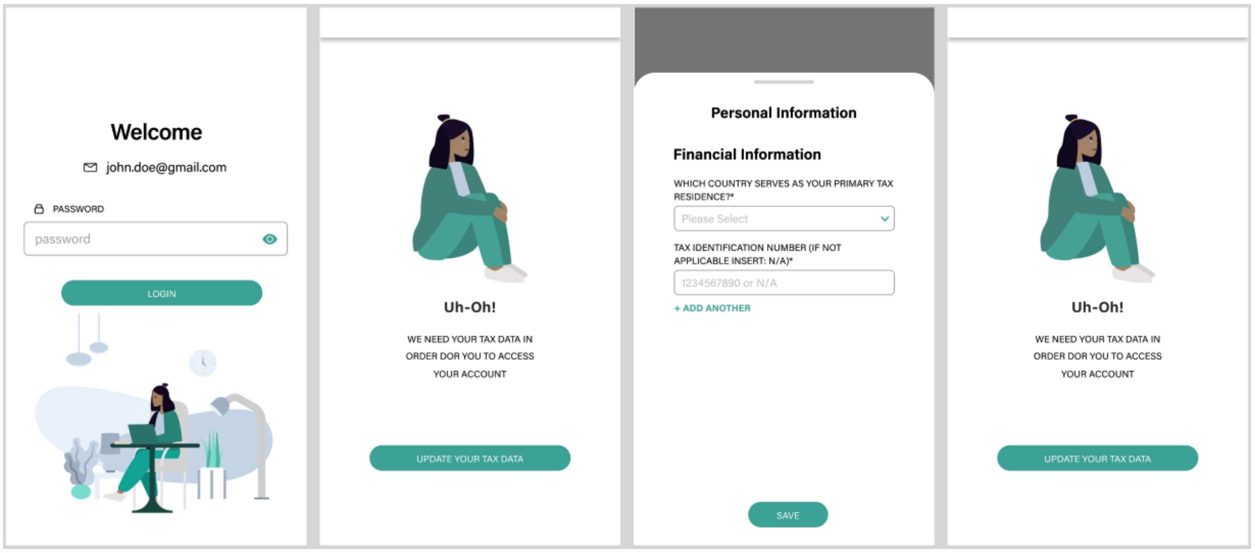
We have provided an example video of this implementation here.

API documentation:

- Please import the following collection to access both login and financial data endpoints,
- Once imported, read through the readme file on GIT for all documentation with regards to:
    - Login.
    - Financial data.

Design:

If there are missing assets please feel free to use best practices to implement a similar UI to the following →



WE NEED YOUR TAX DATA IN ORDER DOR YOU TO ACCESS YOUR ACCOUNT

WHICH COUNTRY SERVES AS YOUR PRIMARY TAX RESIDENCE?*

TAX IDENTIFICATION NUMBER (IF NOT APPLICABLE INSERT: N/A)*

WE NEED YOUR TAX DATA IN ORDER DOR YOU TO ACCESS YOUR ACCOUNT

Submission Guidelines:

1. Provide a GitHub repository with the Flutter code.
2. Include clear instructions on setting up and running the application.
3. Ensure that the code is well-documented and follows best practices.
4. Use version control effectively, with meaningful commit messages.
5. Include a README file with an overview of the project, any considerations made, and potential improvements.

Bonus Points:

- Implement secure authentication practices.
- Handle edge cases, such as network errors or invalid user input.
- Include unit tests to ensure the reliability of the code.

Note: This challenge is designed to assess your ability to integrate APIs, implement UI elements, and follow best practices in Flutter development. Good luck!