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Universite de Buea

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Genie Informatique

CEF 440: INTERNET AND MOBILE PROGRAMMING

DESIGN AND IMPLEMENTATION OF INTERFACES

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A. DESCRIPTION

With the aim of designing effective, satisfactory and efficient interfaces, we went through a series of procedures. These procedures include;

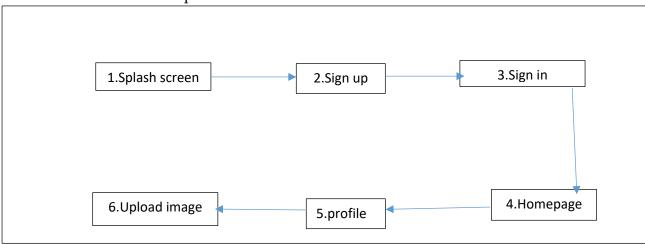
- Requirement analysis
- Preliminary and detailed design
- Implementation

a) Requirement analysis

Our main priority on this task was to provide the users with a fluent, ergonomic and intuitive interface. All these with the purpose of encouraging potential users to use the application as often as they might see fit.

b) Preliminary and detailed design

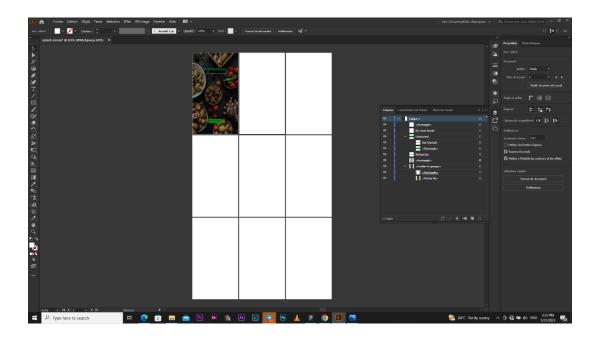
In the preliminary phase we described the architecture of the interactive interfaces of the application while at the detailed design we talked the flow of the interfaces that is the specifics of each interaction.

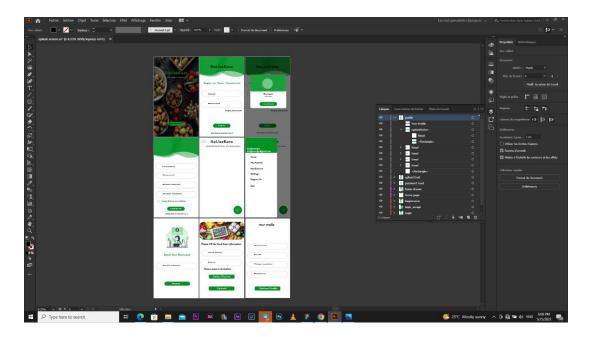


c) Implementation Tools

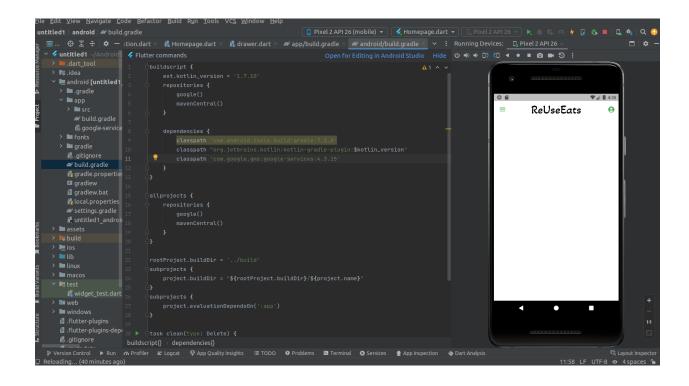
In this phase we used:

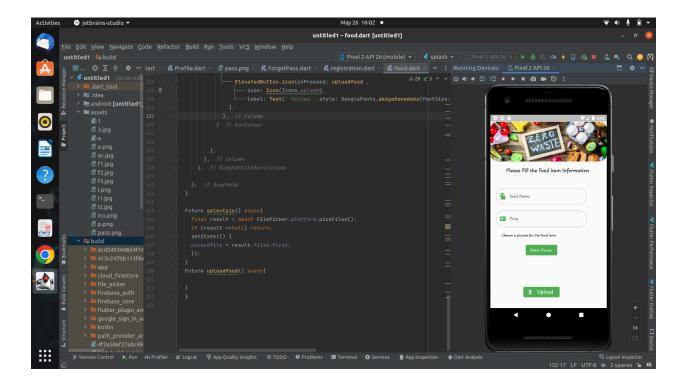
• **Adobe illustrator** for designing the different interfaces.





• Flutter framework in android studio for implementation.





B. INTERFACE DESIGN

Our different interfaces will be briefly showcased here below;

- splash screen
- login

- registration
- forgot password page
- home page
- profile page
- upload page

♣ Splash screen



• This interface is simply the welcome page of ReUseEats.



Sign in Your Account

Email

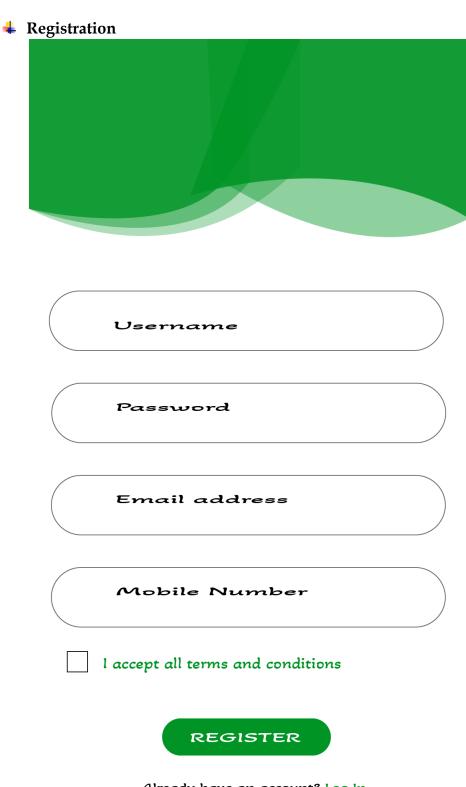
Password

Forgot Password?

Log In

Don't have an account? Register

This interface is for a user to log into his account with the email and password credentials. In case the user does not have an account, he creates an account with the register button it prompts the user to the register page. Also, in case the user forgets his password the forget password button is used which prompts to the forget password page.



Already have an account? Log In

The user creates his account in case he does not have one. The user makes use of the following credentials such as username, password, email address and mobile number and must accept the terms and conditions before he registers.

♣ Forgot Password Page



Reset Your Password

Email address

Reset

Here in case the user forgets his password he clicks on the forgot password? And is prompted to this page and with his email he can recover his account using a new password.

4 Home Page

\equiv ReUseEats

Available food items are shown here



On this page the user can set manage his account through this interface containing notifications, settings as well as exit from the application. Also, the user can access his profile through this page and make certain customization.

4 Upload Page



Please Fill the Food Item Information

Prices

Choose a picture for the food Item

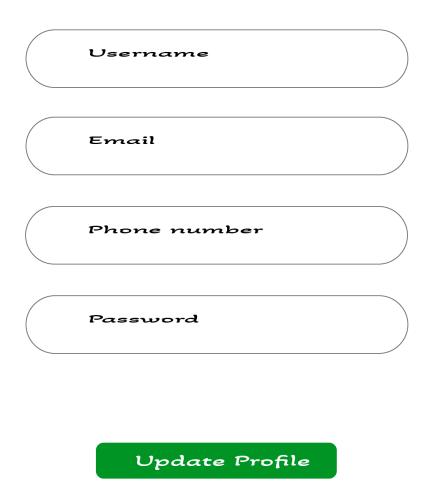
Select Picture

Upload

Here the user uploads a food image on this page with food name and price of the food item for other users to view these food images.

Profile Page

Your Profile



Here the user inserts credentials on his profile using username, email, phone number and password.