

FUN TRANSLATOR

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The Robotics Forum

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Project Link :-

Github:- <https://github.com/RoboSpark-2021/robospark-2021-FT-Funtranslator>

PROJECT FLOW/ALGORITHM

SPLASH ACTIVITY

Splash activity is initiated for few seconds containing the app name

HOME SCREEN

It consists of 3 buttons which allows user to select the character to which he wants to convert the text

TRANSLATE SCREEN

From the home screen the user is redirected to respective translate screen. It consists of

1. Image: Includes image of a character.
2. Text input field : User enters the text he wants to get translated.
3. Translate Button : After pressing the button this text will get translated.
4. Text field : After the Translate button is pressed the translated text will be displayed here.

It consists the use of API for translating the user input text to required language .

PROBLEMS FACED

API INTEGRATION

The biggest problem we faced was Integration of API with flutter as it was new to us.

SPLASH SCREEN AND NEW ACTIVITY

Adding splash screen and redirecting from one activity to another was also a bit tough .

SOLUTIONS FOUND FOR PROBLEMS

- Integrated API without using factory method

CODE SNIPPETS

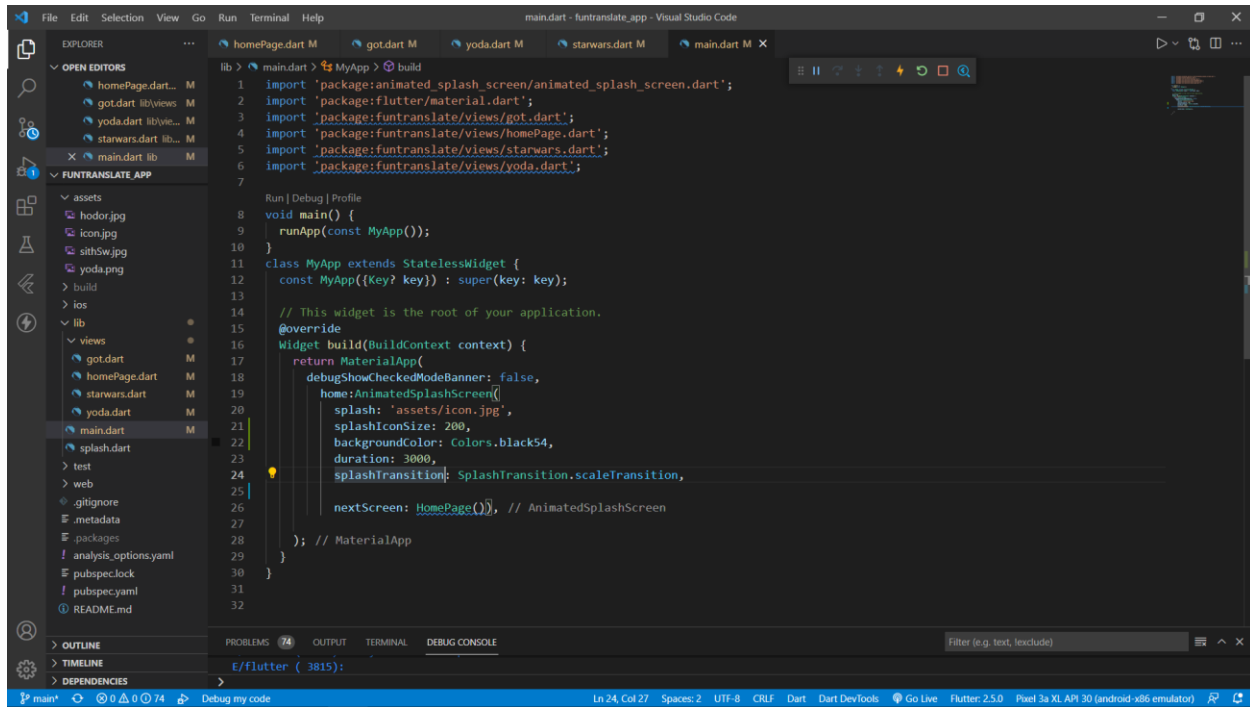


FIG.1.MAIN PAGE

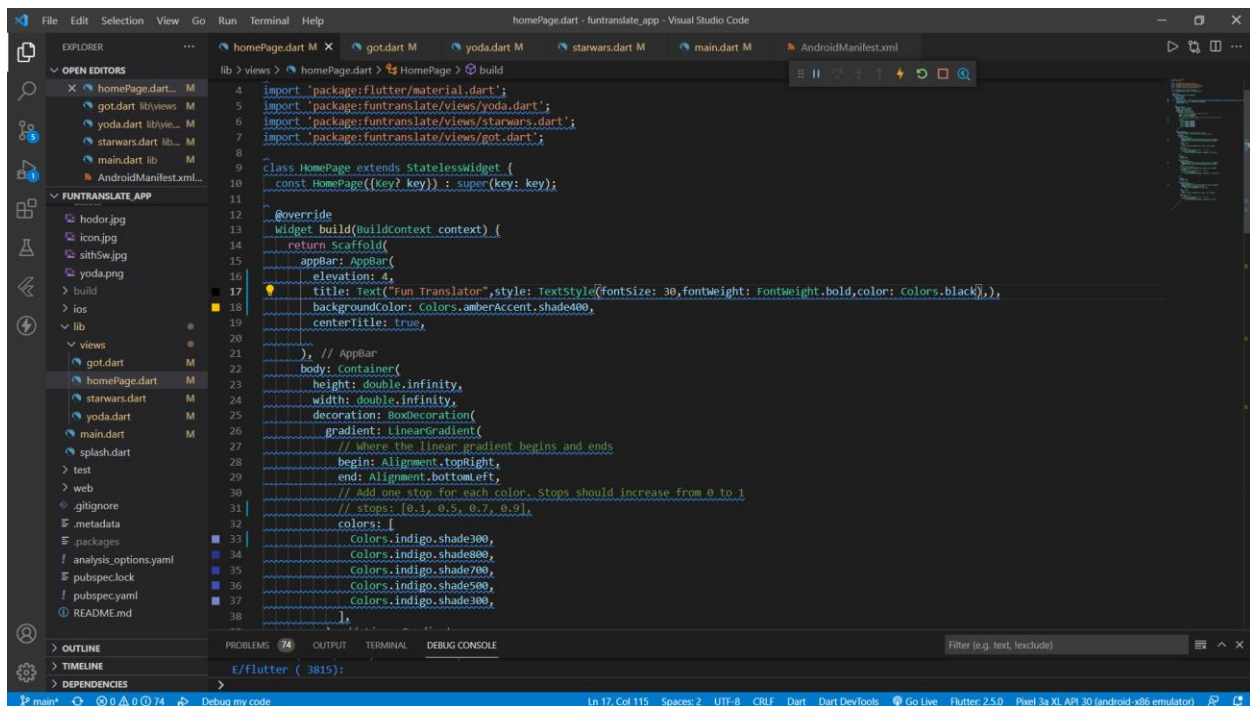


FIG.2.HOME PAGE

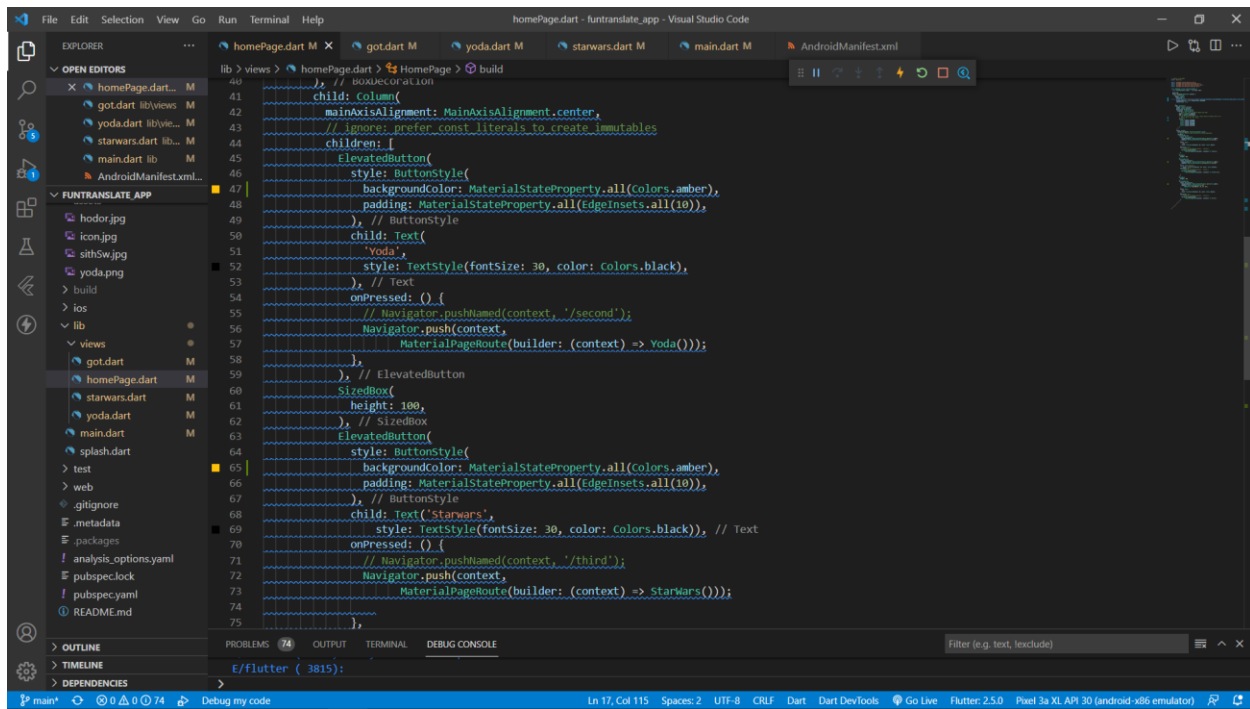


FIG.3.HOME PAGE

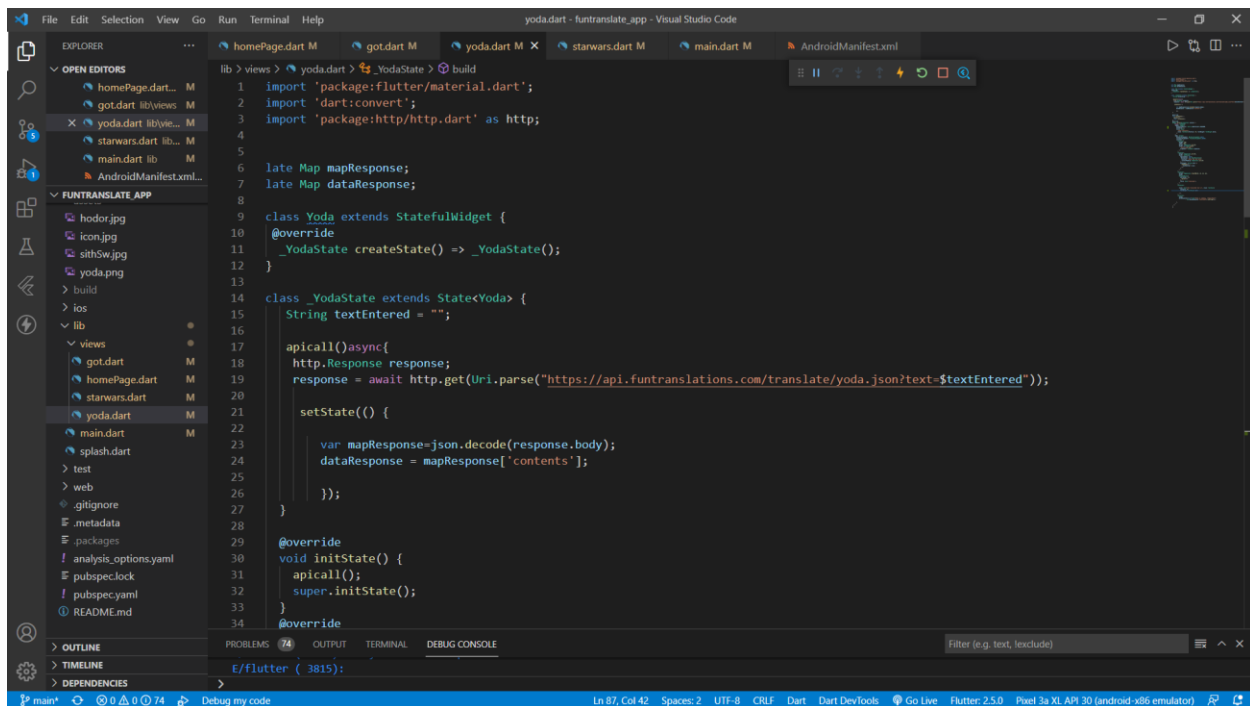


FIG.4.YODA PAGE

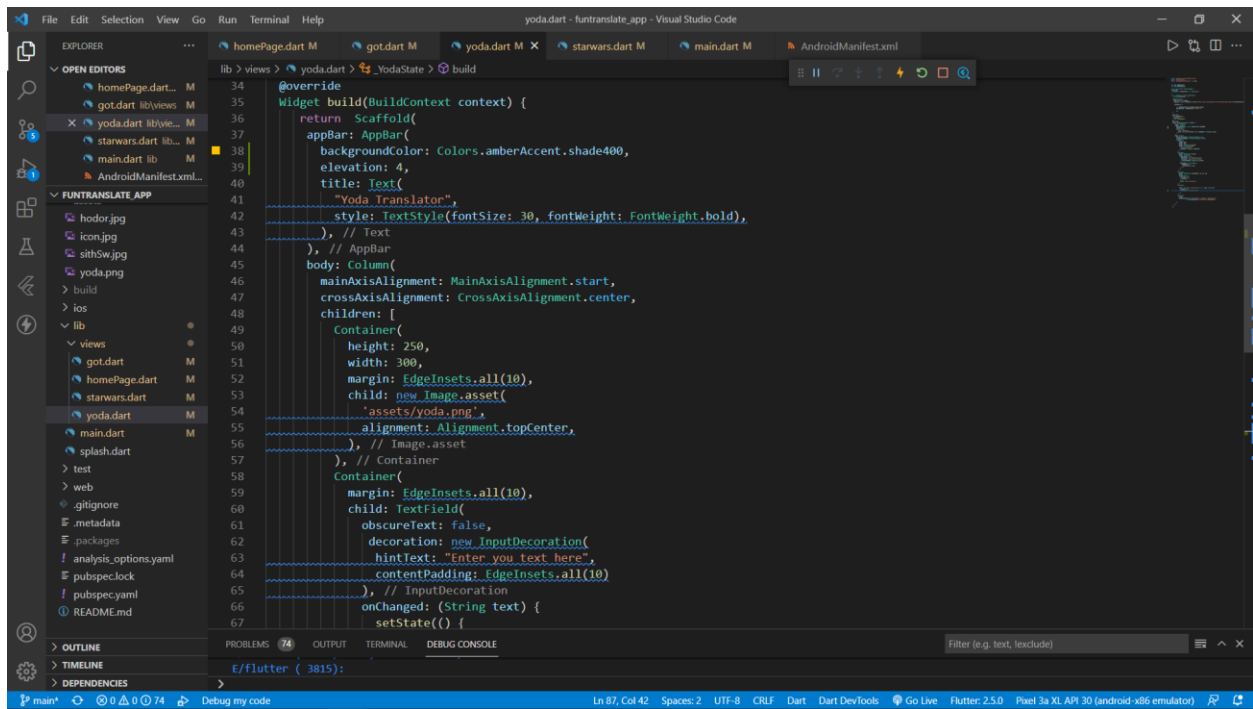


FIG.4.YODA PAGE

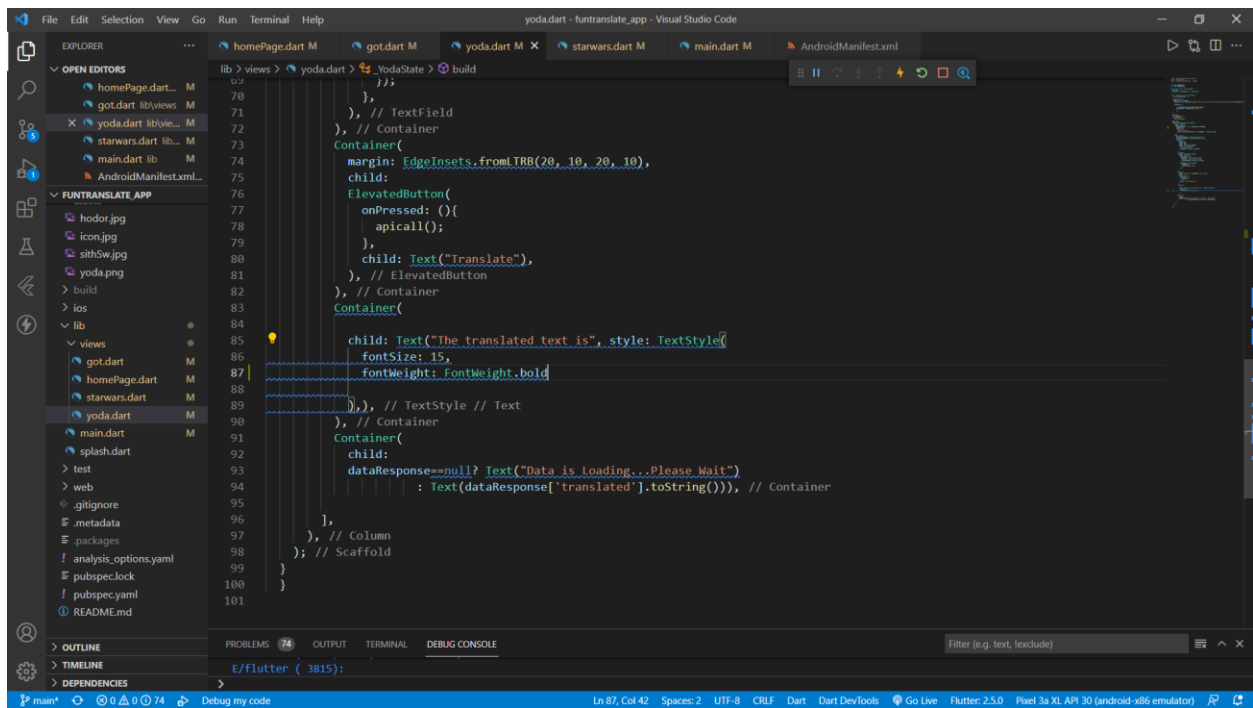
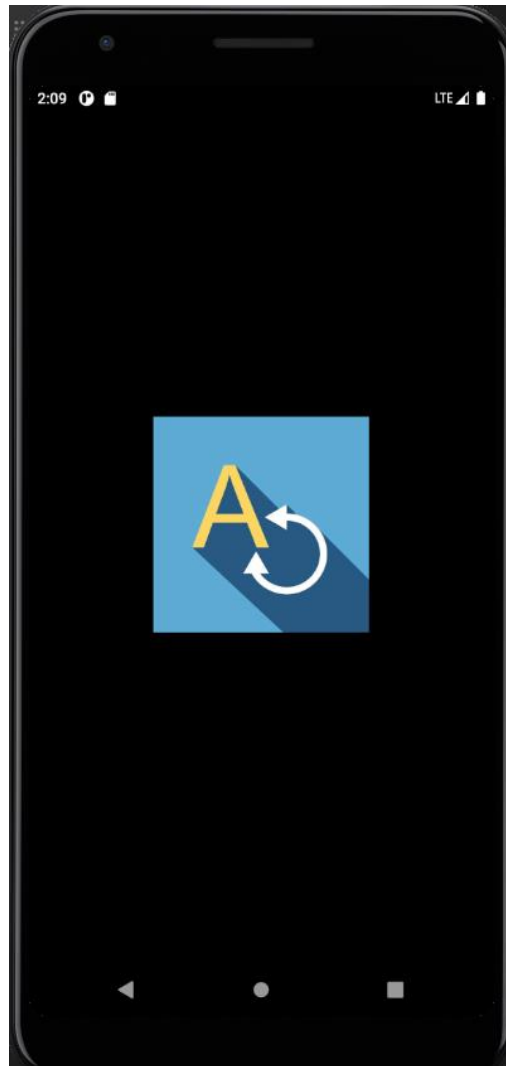
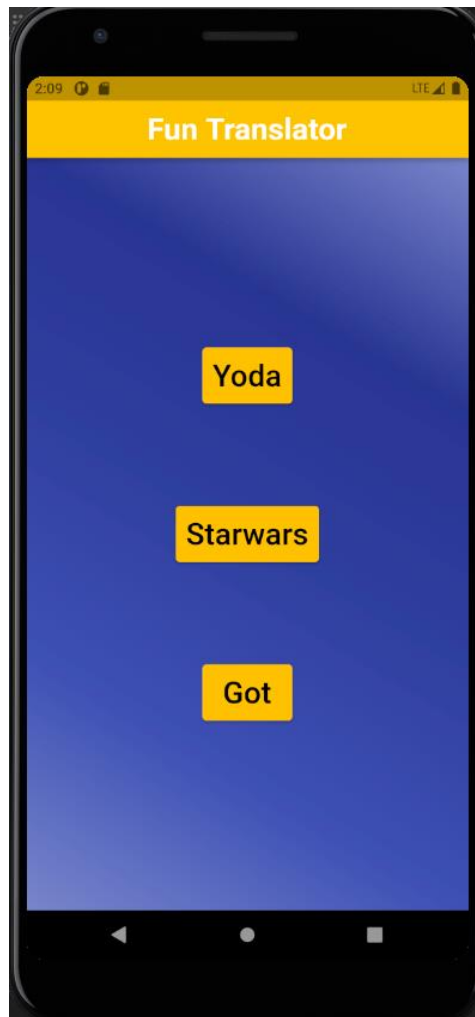


FIG.4.YODA PAGE

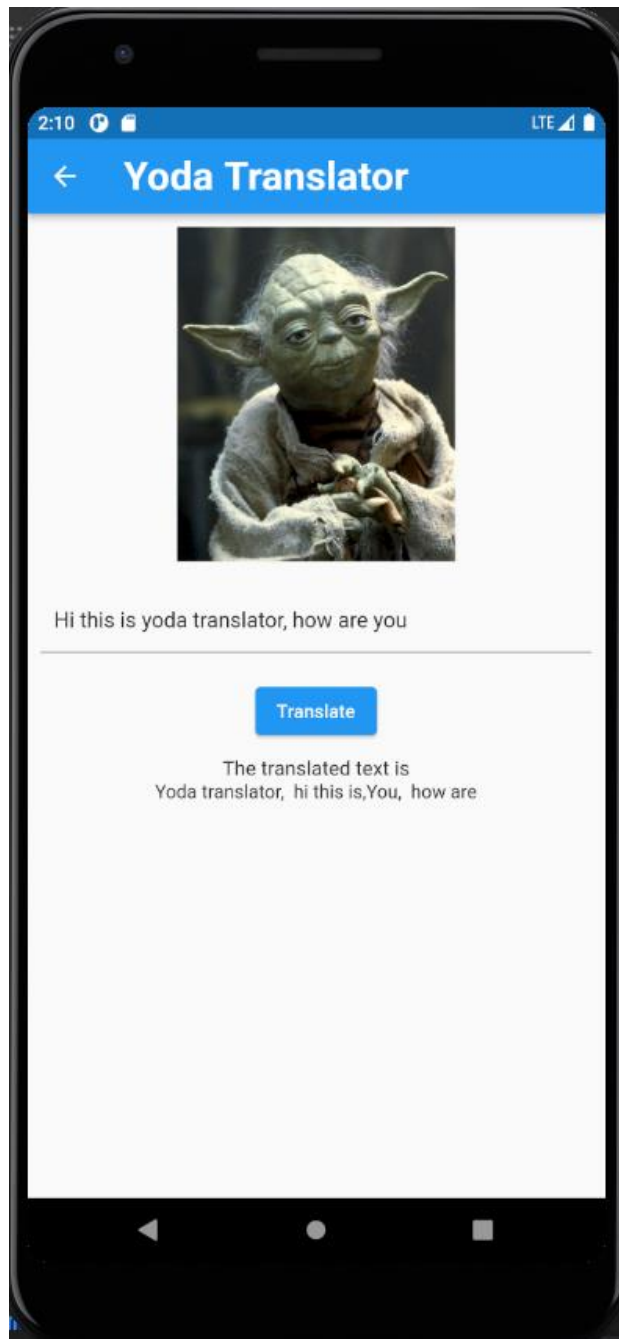
OUTPUT SNIPPETS



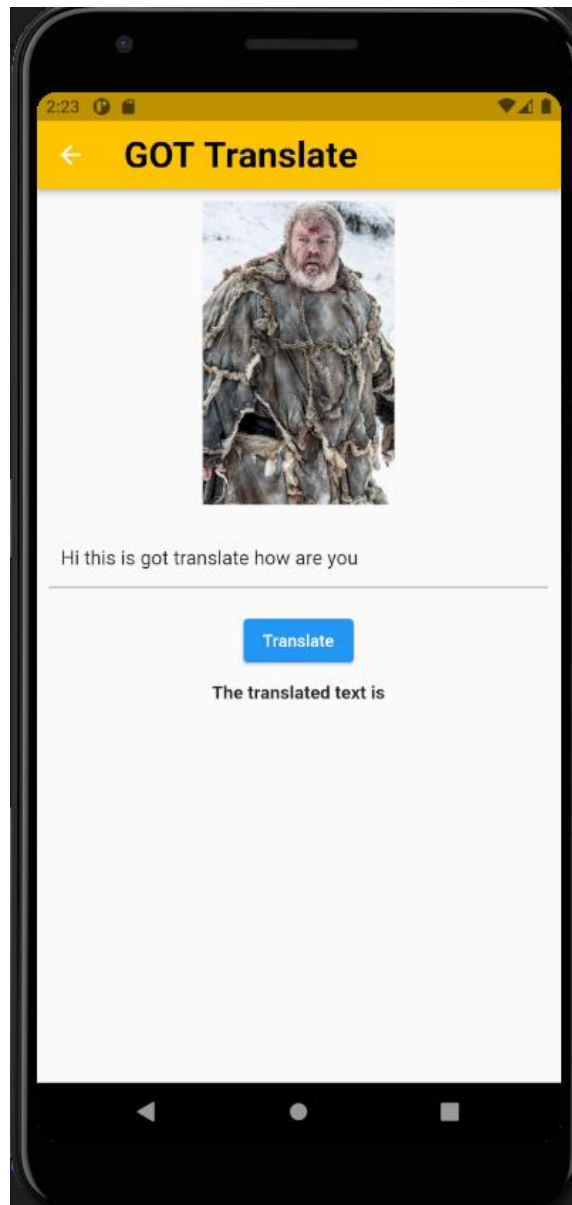
SPLASH SCREEN



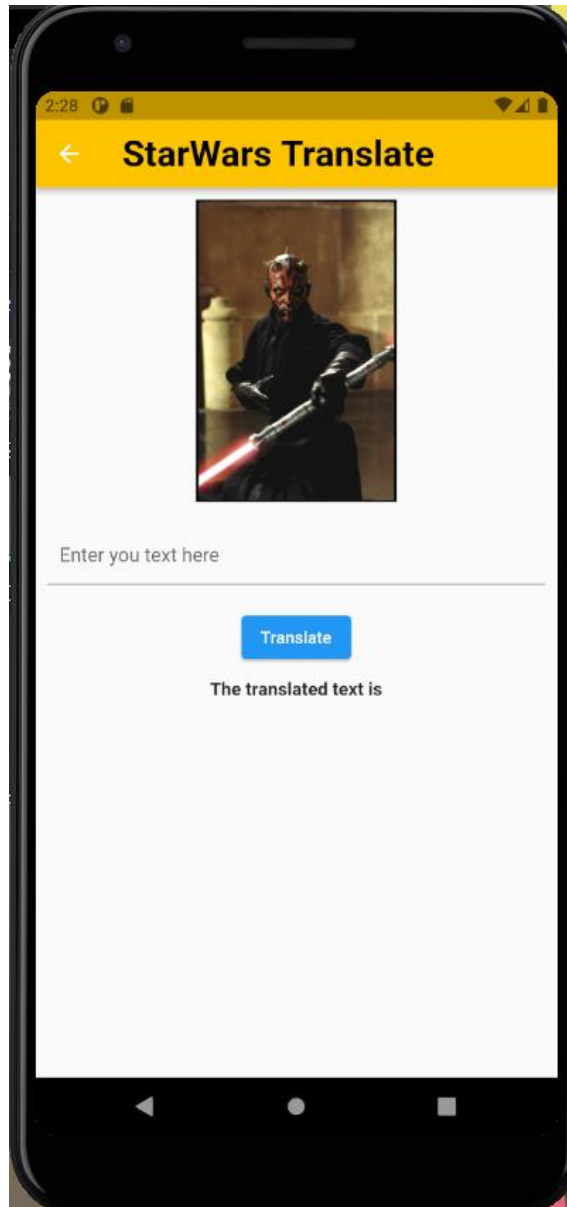
HOME SCREEN



YODA TRANSLATION



GOT TRANSLATION



STARWARS TRANSLATE