

Exposys DataLAB Internship REPORT

Software Development

Isha Narola

INTRODUCTION

This APP would be translated suppose English to Gujarati . I want to translate some difficult words from English to Gujarati ..so I created an app especially it translate from English to Gujarati

HYPOTHESIS

App translate from English to Gujarati

MATERIALS

1. I took references firebase ML kit
2. I took some background colours from RGB to hex converter
3. When I got an error while debugging I need to take help from youtube .

PROCEDURE

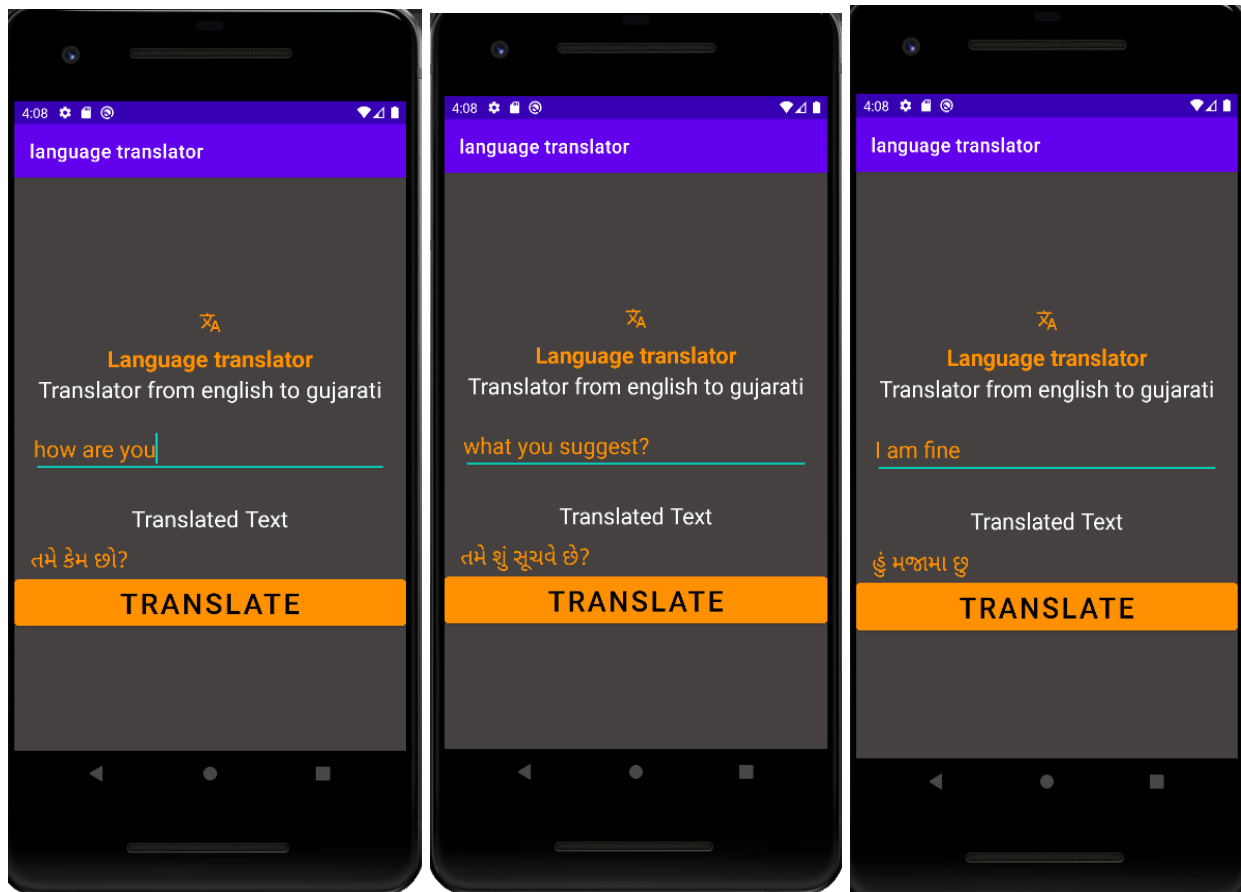
1. First create a project firebase because need firebase translator model
2. Then register app and get google-service.json file and attach with in android app project
3. Then add some dependencies from the firebase ML kit for translating one language to another language. Like from <https://firebase.google.com/docs/ml-kit/android/translate-text>
4. implementation `'com.google.mlkit:translate:17.0.0'`
5. Then after creating XML code for an app (UI for the app)
6. Then create java code for interactive app
7. Then debugging and testing code ..solve errors with help of google and youtube
8. Then Run app and see output

DATA PASS IN THE APP

Input(english)	output(gujarati)	Right or Wrong translate?(Test)
HOW ARE YOU		Right(100%)
I AM FINE		Right
What suggests you?		Right

RESULTS

See the output and this app run successfully and it will do well work in future also!



CONCLUSION

People can easily translate the english language into the Gujarati language. If anyone does not understand the English language, they people can go through this app and easily understand what is meaning of the sentences of that particular language.

REFERENCES

1. <https://firebase.google.com>
2. <https://firebase.google.com/docs/ml>
3. <https://www.geeksforgeeks.org>

Thank you!!!