

Project Name: Doctor Advise

Project Description:

Doctor Advise is a Flutter application designed to convert a doctor's voice prescription into a text report using Google Speech to Text API. The application has a backend on Firebase database to match the medicine prescription with the correct drug name. We have used Google Dialogflow, which is a custom-trained NLP model to identify drug names mentioned by the doctor and pick the correct term for it. The app generates the report in the form of text data that can be shared with the patient through email or social media.

The following table shows the programming languages and packages used in the development of the Doctor Advise application:

Programming Language	Packages
Flutter	speech_to_text: ^3.0.0
	firebase_core: ^1.4.0
	firebase_database: ^7.0.0
	google_fonts: ^2.1.0
	http: ^0.13.3
	path_provider: ^2.0.2
	flutter_share: ^2.0.0
	url_launcher: ^6.0.3
	flutter_dialogflow: ^0.1.3
	flutter_dialogflow_v2: ^0.1.6
	crypto: ^3.0.1
	flutter_secure_storage: ^4.2.1

The Doctor Advise application is an innovative solution for doctors and patients, making the prescription process more efficient and convenient.