STAR App LLM for Querying Technical Documentation.

Project as part of the NASA Space Apps Challenge by Team:

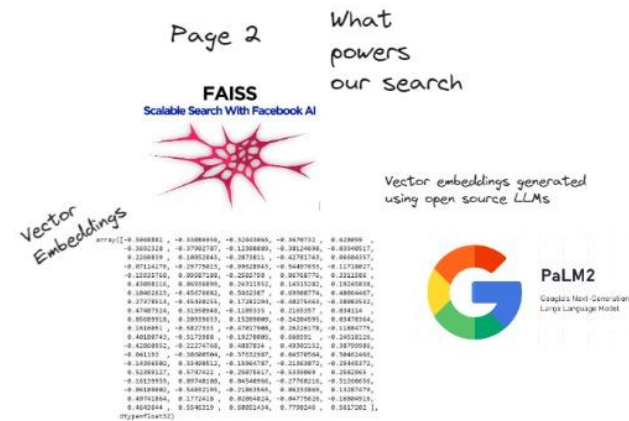*"Taare Zameen Par"*
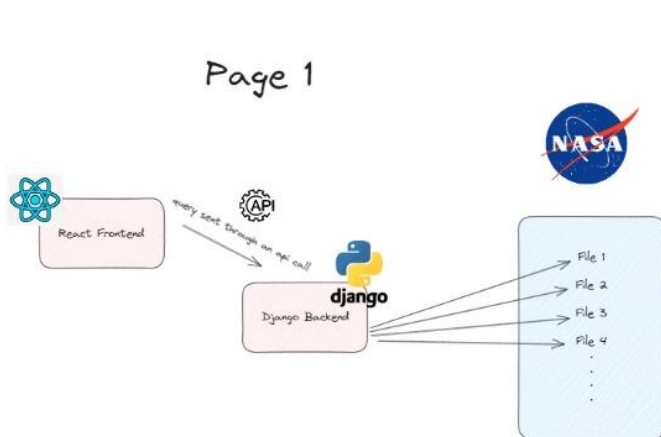
https://github.com/KrishnarajT/STAR

Group Members

1. Yashvardhan Tekevade
2. Neeraj Verma
3. Saubhagya Singh
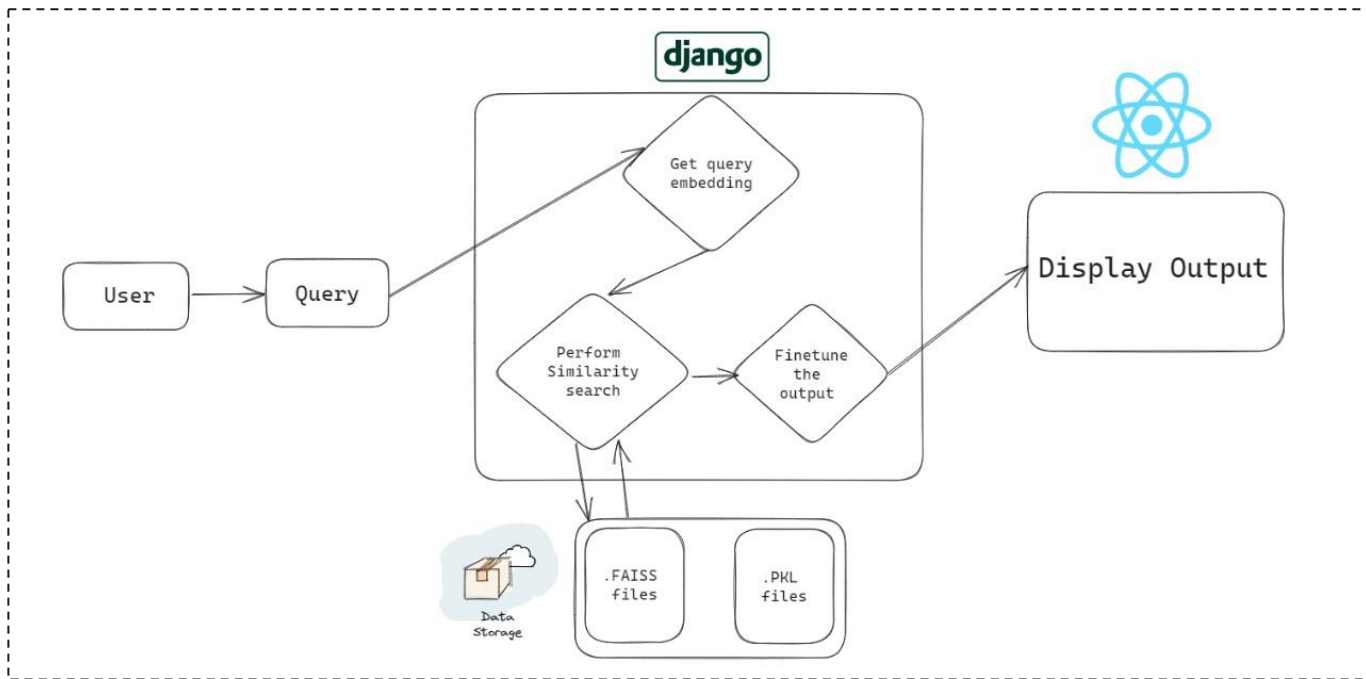4. Sahaj Mishra
5. Aaron Philip
6. Krishnaraj Thadesar

Concept

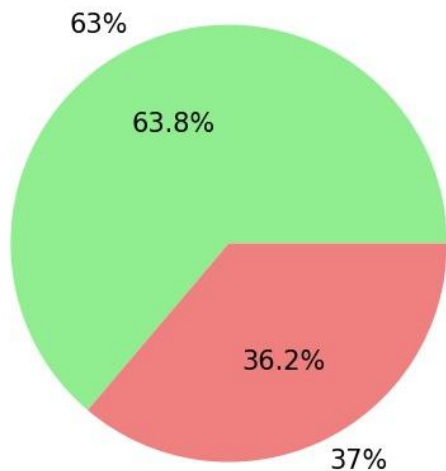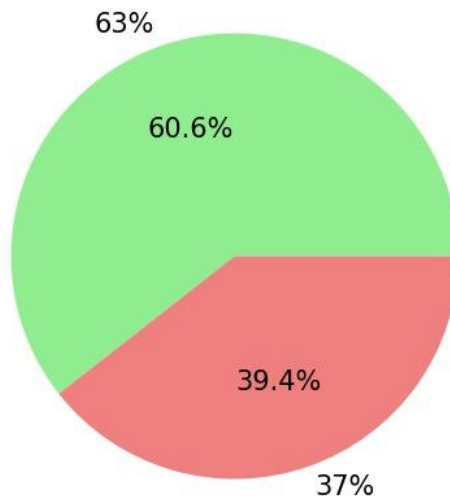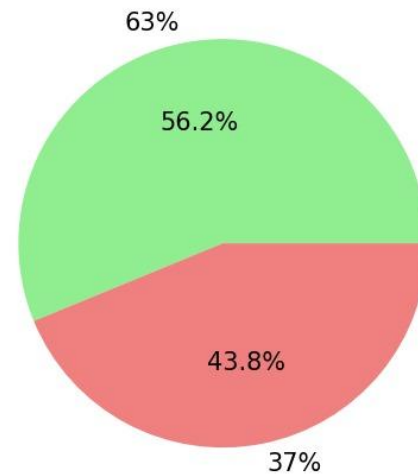# Front End and Working

Back End

Accuracy

Pie Chart 1
Answer 1

63%

63.8%

36.2%

37%

Pie Chart 2
Answer 2

63%

60.6%

39.4%

37%

Pie Chart 3
Answer 3

63%

56.2%

43.8%

37%

Summary

1. We have successfully implemented a working Space app for assisting Astronauts and NASA Space engineers to greatly help their accessibility of NASA's technical documentation.
2. We used Backend Technologies like Django and Python with LLM libraries like langchain, PyTorch and Tensorflow. We also used Front End Frameworks like React with Javascript for implementing the Website.
3. We learnt quite a bit about the NASA Space documentation and its many intricacies in the process which in turned motivated us to create the app.
4. We hope that this work can prove itself to be useful at least in concept to fellow Engineers and developers alike.