MIT World Peace University

NASA Space Apps Challenge 2023

STAR App LLM for Querying Technical Documentation.

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Operating System: Arch Linux x86-64
IDEs or Text Editors Used: Visual Studio Code
Compilers : python 3.11 and node js.

7 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.