Technical Documentation

Client

Infosys
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Development Team

Generative AI Group 1
Generative AI Group 2

Applications Used

Streamlit
-Streamlit is a user interface that you can use to run data scripts through a public cloud.

Visual Studio Code
-Visual Studio Code is a text editor we used to run the streamlit UI through python and other coding language

Google Sheets: Online Spreadsheets & Templates
- Google is a spreadsheet application that Google made. You can store information on a google sheet and share that information to other google applications.

Gemini
- Google Gemini is an AI chatbot made by google.

Implementation

How we used the applications
-We used the libraries of Gemini, Google Sheets, Streamlit, and Langchain. These libraries are implemented with python which we typed on Visual Studio Code.

What we were able to make
-We were able to make a working chatbot that is able to answer questions just like ChatGPT. These questions can range from subjects like math, history, english, science, and many more.

- We were able to make a student database using Google Sheets that has information stored such as grades, assignments, and student performance.

- We put all these things together to make an app on Streamlit where students can see things like grades and assignments updated in real time and students can also see their performance in classes.

	Streamlit	Visual Studio	Gemini	Google Sheets	Google Sites	UI
Priority	High	High	High	Medium	Medium	High
Dependency	Learning how to code using python using the streamlit library	Getting none School laptops that could run the software	Learning how to make the api key and use the jupyter notebook	NA	NA	Constantly learning new things about streamlit and coding in python that caused things to change often
Estimated Time	9 days	4 days	12 days	3days	3 - 8 days	12 days
Who worked on it	Roman Jahmaal	Roman	Roman	Jahmaal	Luis Andre	Jahmaal