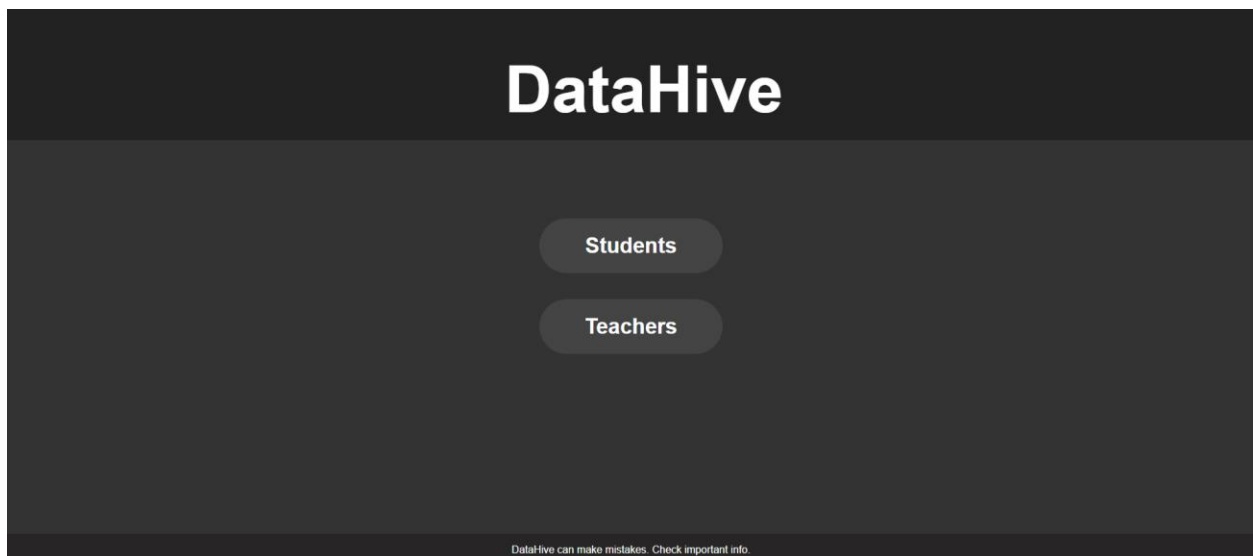




Home page

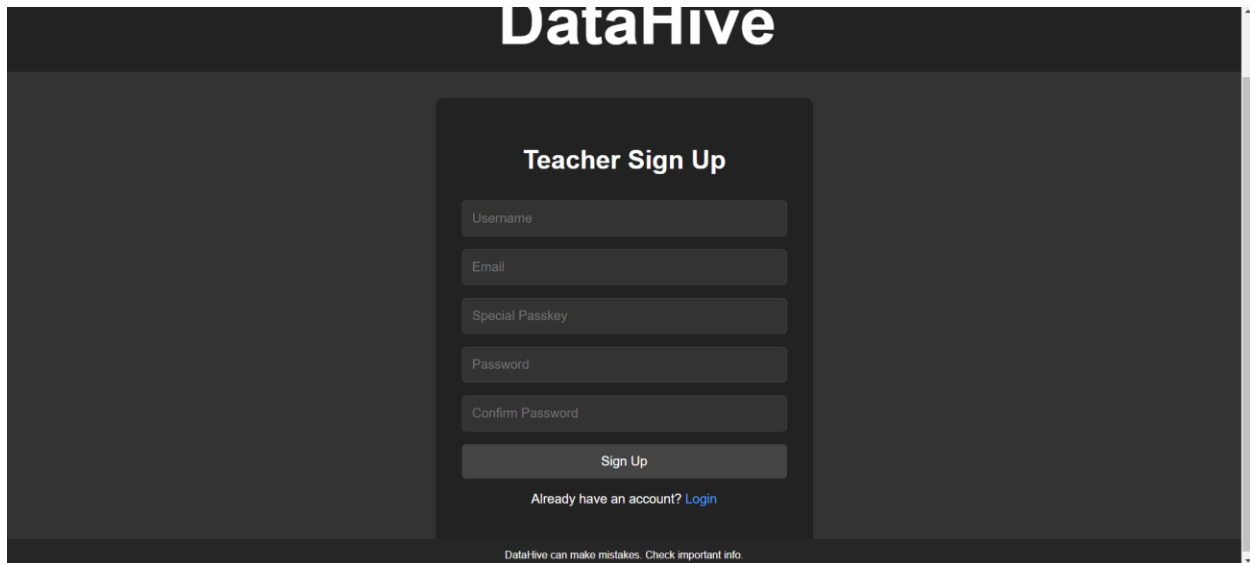
Teacher and Student and DataHive project name



SignUp and login page for Teachers

Id contains username, email id , a special passkey , password, confirm password if the special key matches then only sign up is successful

Login needs email id and password



DataHive

Teacher Sign Up

Username

Email

Special Passkey

Password

Confirm Password

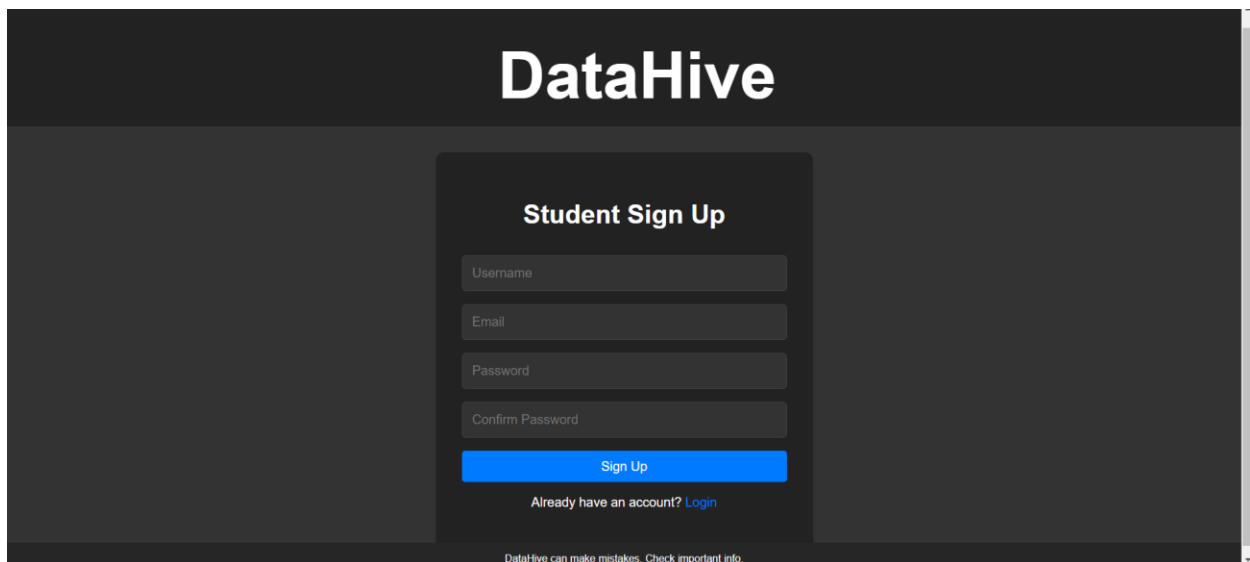
Already have an account? [Login](#)

DataHive can make mistakes. Check important info.

SignUp and login page for Students

Id contains username, email id , password, conform password

Login needs emailid and password



DataHive

Student Sign Up

Username

Email

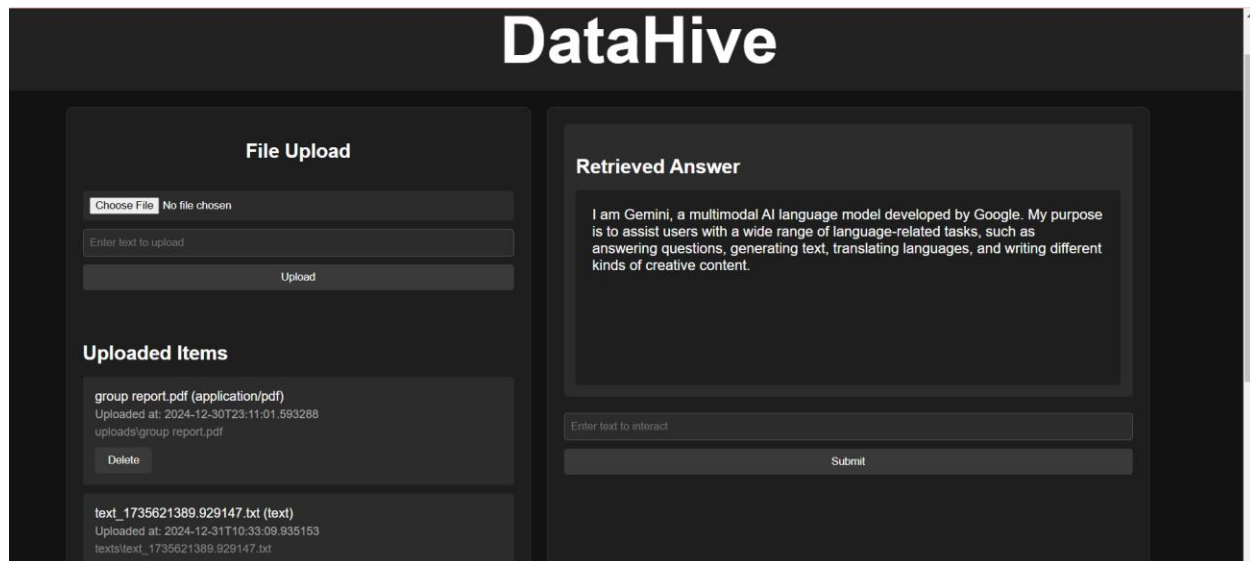
Password

Confirm Password

Already have an account? [Login](#)

DataHive can make mistakes. Check important info.

Teachers dashboard



Left side needs to contain upload files upload text and the history of uploaded files and text and delete the files and text

Right side contains user name and signout on clicking sign out needs to direct into home page

Middle one contains a chat bot interface like a textbox to interact with llm and a box to retrieve the llm response submit button

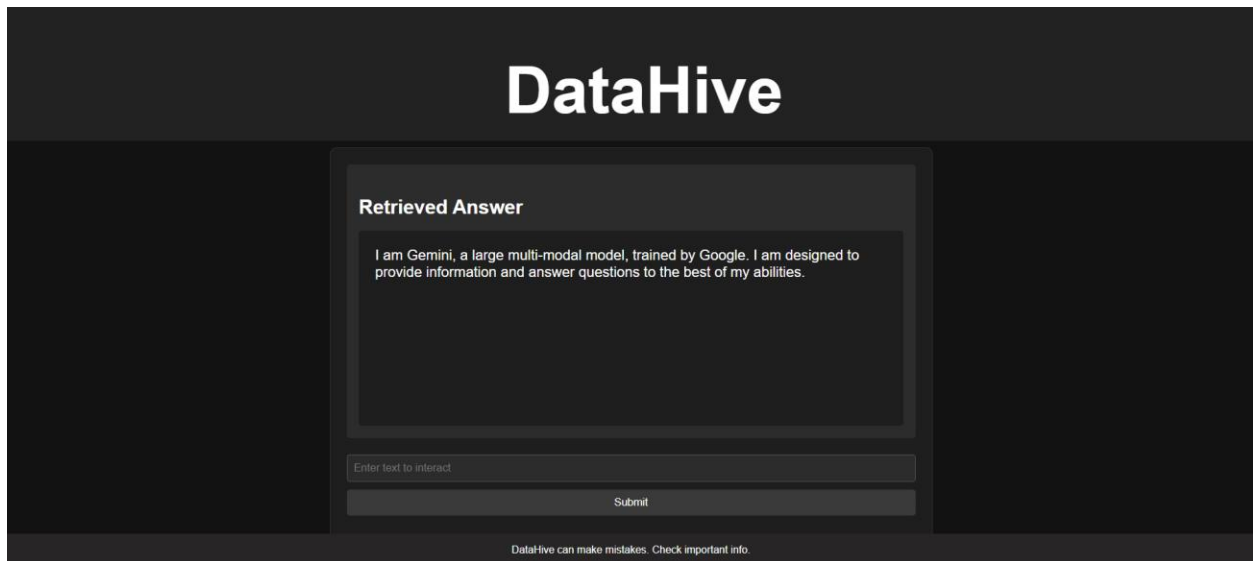
Header needs to be project name DataHive

Students dashboard

Similar to teacher dashboard but without uploading modules Right side contains user name and signout on clicking sign out needs to direct into home page

Middle one contains a chat bot interface like a textbox to interact with llm and a box to retrieve the llm response and a submit button

Header needs to be project name DataHive



Frontend

Frontend needs to be done in vit react.js

Backend

Backend needs to be done in FastApi

Authentication and database

It can be done using firebase

Connecting with LLM

So we would like to finetune the llm with our custom dataset like the name and roll number of the students .

<https://docs.privategpt.dev/installation/getting-started/installation> this llm model

Git Hub link of the project till i have done

<https://github.com/Adithyanb/project-phase-one>

Abstract

Basically it is an educational institutanol platform powered by llm this needs to be particular for a single institution . So as teachers can upload pdfs and text to the llm so it will store every details in the vector database so it contains every data for eg it contains the project report of past 3 years students and now we are uploading a report and checking any similar report is present so it will check through the previous uploaded document and give response through llm