
GLB HACKATHON

PROBLEM STATEMENT TITLE:
AI FOR CRACKING ANCIENT LANGUAGES

TEAM NAME: BROCODE

TEAM LEADER: RAGHAV PERSHAD

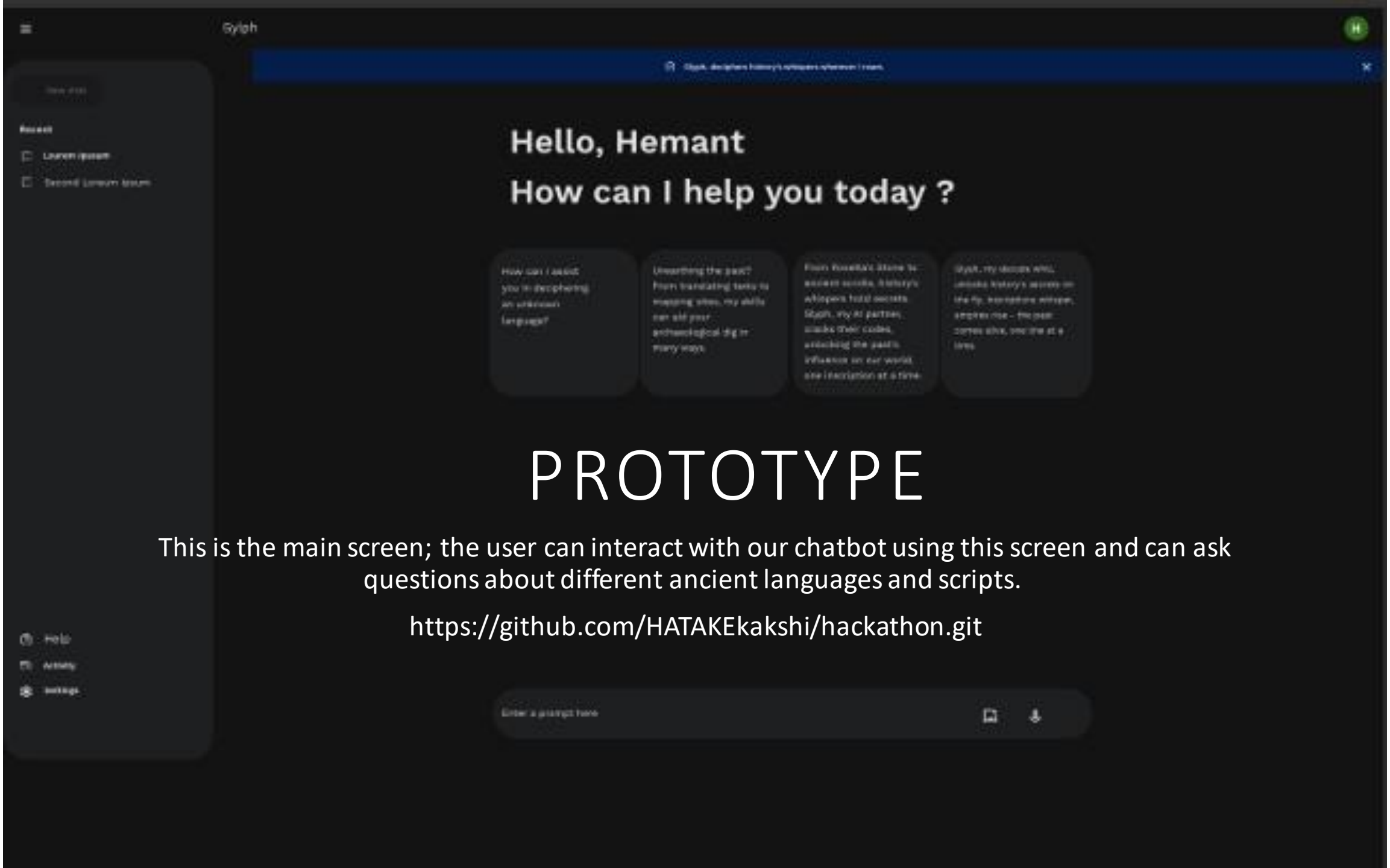
INSTITUTE NAME:

AMITY UNIVERSITY, NOIDA

THEME: OPEN INNOVATION

AI FOR TRANSLATING ANCIENT LANGUAGES

IDEA/APPROACH DETAILS



PROTOTYPE

This is the main screen; the user can interact with our chatbot using this screen and can ask questions about different ancient languages and scripts.

https://github.com/HATAKEkakshi/hackathon.git

TECHNOLOGY STACK

- LangChain for data collection.
- Flask for integration.
- React.js for framework.
- HTML , CSS and JavaScript for frontend development.
- Mongodb atlas is for database.
- Python libraries like pandas, matplotlib , machine learning
- Node.js and NPM packages for database integration
- Reinforced learning

FEATURES AND USE CASES

- Our AI model is designed to provide easy interface for people to connect with history and to quench their curiosity.
- Our model mainly focuses on providing information about many different languages which have now been lost in the pages of time.
- One of the interesting feature of our model is to interpret the meaning of ancient fonts and languages by using the information of different civilizations and cultures available by analysing a large sum of data at a time.

Our model can be effective :

- To revive the lost information
- To know more about our ancestors
- To easily analyse data
- To decode ancient scripts manuscripts mysteries
- Time saver for historians and archaeologists

TEAM MEMBER DETAILS

Team leader name: Raghav Pershad

Branch: BTech Course: CSE Year: I

Team Member 1 name: Archit Nirula

Branch: BTech Course: CSE Year: I

Team Member 2 name: Hemant Kumar

Branch: BTech Course: CSE Year: I

Team Member 3 name: Nidhi Singh

Branch: BTech Course: CSE Year: I