



SMART INDIA
HACKATHON
2022

Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation: AICTE

PS Code: DR702

Problem Statement Title: AI Based Chatbot to answer FAQs

Team Name: ShivShakti

Team Leader Name: Sumit Kumar Jha

Institute Code (AISHE): U-1056

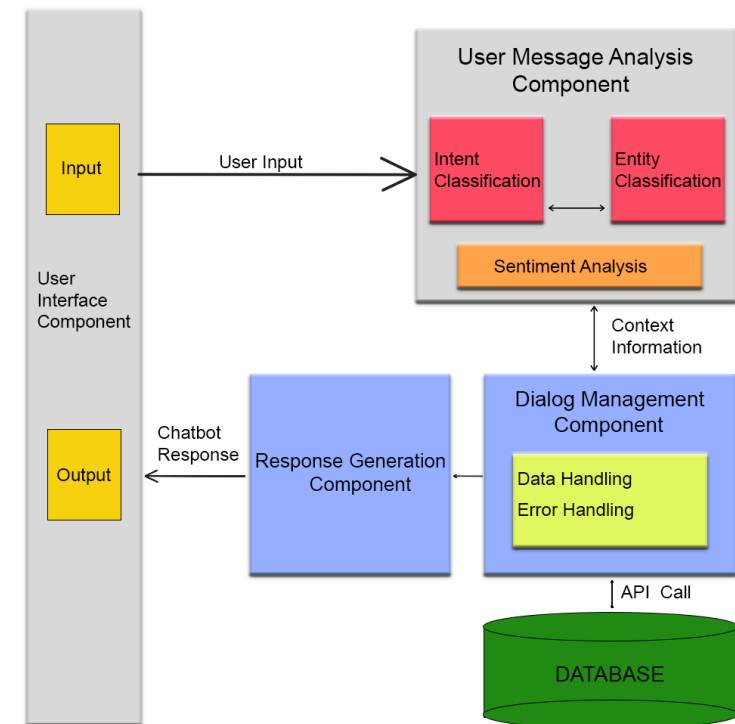
Institute Name: Netaji Subhas University of Technology

Theme Name: Smart Automation

Idea/Approach Details

Describe your idea/Solution/Prototype here:

- AI based Chatbot to answer FAQs
- The Chatbot will utilize NLP to extract information from the users questions and provide appropriate response based on the question asked.
- The response will be generated via a Neural Network based Model and will be completely automated so no human intervention will be required.
- The chatbots replies will be context sensitive .This way we can also ensure that we cater to a wide variety of questions that means the same .
- We can also expand the dataset of questions and answers



Describe your Technology stack here:

- NodeJs
- ReactJs
- AI and deep learning(NLP)
- Python
- Flask

Idea/Approach Details

Describe your Use Cases here

- Integrating Chatbots to Help Pages on existing websites
- Providing appropriate responses to queries asked by the user
- Bots can collect valuable insights on new questions on users mind and add them to their dataset mapping them to the appropriate answer.
- User can Provide Review to the Chatbot
- Can be used for Data Collection (Phone Number, email, etc)

Describe your Dependencies / Show stopper here

- User Must communicate in the Language which The Chatbot supports (English).
- ML Model might Overfit/Underfit The created Dataset and give inappropriate results.

Team Member Details

Team Leader Name: Sumit Kumar Jha

Branch : Btech Stream :CSE Year (I,II,III,IV):III

Team Member 1 Name: Bhavesh Das

Branch : Btech Stream :CSE Year (I,II,III,IV):III

Team Member 2 Name: Shubham Jha

Branch : Btech Stream :CSE Year (I,II,III,IV):III

Team Member 3 Name: Eshan Bhatt

Branch : Btech Stream :CSE Year (I,II,III,IV):III

Team Member 4 Name: Khustar

Branch : Btech Stream :CSE Year (I,II,III,IV):III

Team Member 5 Name: Sonali

Branch : Btech Stream :ECE Year (I,II,III,IV):III

Team Mentor 1 Name: Dr. Mohinder Pal Singh Bhatia

Category : Software Expertise: Software Engineering, Operating Systems Domain Experience (in years): 30+

Team Mentor 2 Name: Manu Sheel Gupta

Category :Software Expertise: Software Engineering, Operating Systems Domain Experience (in years): 15+