Project Design Phase-I
Solution Architecture Date

19 September 2022

Team ID

PNT2022TMID10647

Project Name

Chatbot for College management system

Maximum Marks

4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- The College Enquiry Chatbot extends the implementation of the current chatbots by adding DJANGO.
- Django is a high level python web framework that enables rapid development of secure and maintainable website. Django takes care of much of the hassle of web development ,so you can focus on writing your app without needing to reinvent the wheel.
- We are developing a chatbot for the institution that responds to user inquiries concerning college-related information. The bot is integrated to the college website.
- Users that want to enquire about the college at the time of admission or any competition held in the college can query to the chat-bot.

Solution Architecture Diagram:

USER

INPUT TEXT

Tokenisation

Lemmatization

Pickling

Natural
Language Toolkit

INTENTS

WEBPAGE