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(57) Abstract :
The present invention is an attempt at developing a ChatBot that conducts conversation with people having extreme emotional surges and try to solve their problem. The person is not emotionally well and wants someone to talk to or is in need of some upliftment, can use this bot to play songs suited to their state. The system first offers a login and signup page then stores the user data in the database (MariaDB) maintaining their original profile. The user then can access the UI that allows an interaction with the chatbot. User™s inputs are sent as a request to Dialog Flow (JavaScript) and at the same time stored in database managed under their credentials. DialogIlnw sends a response to the request. This data is then used for sentimental analysis and the user is provided with media content resonant to his mood. We are using Google™s DialogFlow which is the platform where you can create and train an Agent™ i.e. we specify the task to the model and teach it various phrases (data) that it needs to respond. When the data is fed, it applies ML algorithms to train itself and cover all different possibilities that could be thrown at it. We access DialogFlow by requesting it via JavaScript and it generates and sends a response back to us. The application also enables the user to access a wide variety of online services such as social media sites, payments or ticketing portals and web crawler provided by the chatbot, thus given a single platform for all services. The application is also capable of notifying the users close peers in case of any emergency such as sudden in mental state which is usually common in students living far from home.

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E-MAIL (As Per Record)	iiita.ankit@gmail.com
ADDITIONAL-EMAIL (As Per Record)	iiita.ankit@gmail.com
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