

# MentAssist - AI Chatbot Project

## Project Goals:

This project aims to develop an AI-powered chatbot that leverages Natural Language Processing (NLP) and Sentiment Analysis to provide mental health support. The chatbot will generate context-aware responses, analyze user sentiment, and assist individuals in expressing their emotions in a safe environment.

## Team Members:

- Mohab Yasser Mohamed
- Omar Khaled Salah
- Ahmed Sami Mohsen
- Amr Bilal Elsaid
- Ibrahim Walid Hegazy

## Additional Information:

The project will be developed using Python, Flask/FastAPI, OpenAI API, and MongoDB/Azure for storage.

It will be deployed on cloud platforms such as AWS or Heroku.

Future enhancements include improving AI contextual awareness, integrating voice-based interaction, and expanding multilingual support.