Project Title: **EMOBUDDY**

EmoBuddy – Your Emotional and Mental Health Companion (Modified by mental health chatbot)

Introduction

EmoBuddy is a virtual mental health chatbot developed using Python and Streamlit.
It engages in emotionally supportive conversations with users, offering responses to a variety of moods and emotional states.
It helps individuals express their feelings in a safe, comforting digital space, and provides motivation, reassurance, and gentle guidance.

Abstract

The rising awareness of mental health has emphasized the need for tools that provide emotional support.
EmoBuddy aims to be a companion that listens to users without judgment, understands emotional cues in text, and responds with relevant comforting messages, jokes, or helpful resources.
It simulates a human-like experience by handling common scenarios such as love, anxiety, exams, breakups, loneliness, and more.

Tools Used

- **Python 3.8**: Programming language used to build the chatbot logic
- **Streamlit**: Framework for creating the interactive web interface
- **Random**: Built-in Python module to randomize jokes, quotes, and responses
- **FPDF** *(optional)*: Python library used to generate project reports as PDFs

Steps Involved in Building the Project

1. Installed Python 3.8 and Streamlit
2. Designed conversation flows and identified emotional keywords
3. Wrote response logic in Python using if-else and keyword matching
4. Integrated Streamlit UI with form input, response display, and chat history
5. Added jokes, motivational quotes, and helpline/resource links
6. Tested various scenarios including anxiety, sadness, joy, love, breakups, etc.
7. Deployed the chatbot and documented the project

Conclusion

EmoBuddy is more than a chatbot—it's a safe emotional space for users to feel heard, comforted, and reassured.

In a world where mental well-being matters more than ever, tools like EmoBuddy make a real difference by promoting kindness and connection through technology.

It is simple, lightweight, and adaptable for future enhancements such as NLP integration and multilingual support.

Output: