

ChatterMate - Chatbot Project Report

Project Description

ChatterMate is a simple AI-powered chatbot web application built using Flask for the backend and HTML/CSS/JavaScript for the frontend. It simulates conversational interactions using rule-based logic, providing a seamless user experience through a responsive interface. This chatbot is lightweight, customizable, and ideal for educational, personal, or small business use.

Features

- Flask-based Python backend
- Responsive frontend using HTML/CSS and JavaScript
- Rule-based AI logic (can be extended with GPT or NLP models)
- Clean UI with attribution footer
- Ready to deploy on Render or similar platforms

Installation Guide

1. Clone or download the repository
2. Install dependencies: `pip install -r requirements.txt`
3. Run the app: `python app.py`
4. Open `http://127.0.0.1:5000` in a browser

Deployment Instructions

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The app can be deployed on Render.com:

- Connect GitHub repo to Render
- Set build command: `pip install -r requirements.txt`
- Set start command: `gunicorn app:app`
- Configure environment to Python
- Deploy and access via public URL

Credits

~made by Sarvesh Wani