



SenseAI

Your Digital Companion for Emotional Well-Being

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PROBLEM

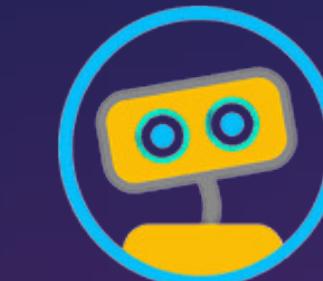


Modern life stress

Single-modal solutions

Need for instant mental support

MARKET RESEARCH



Woebot®



wysa



youper

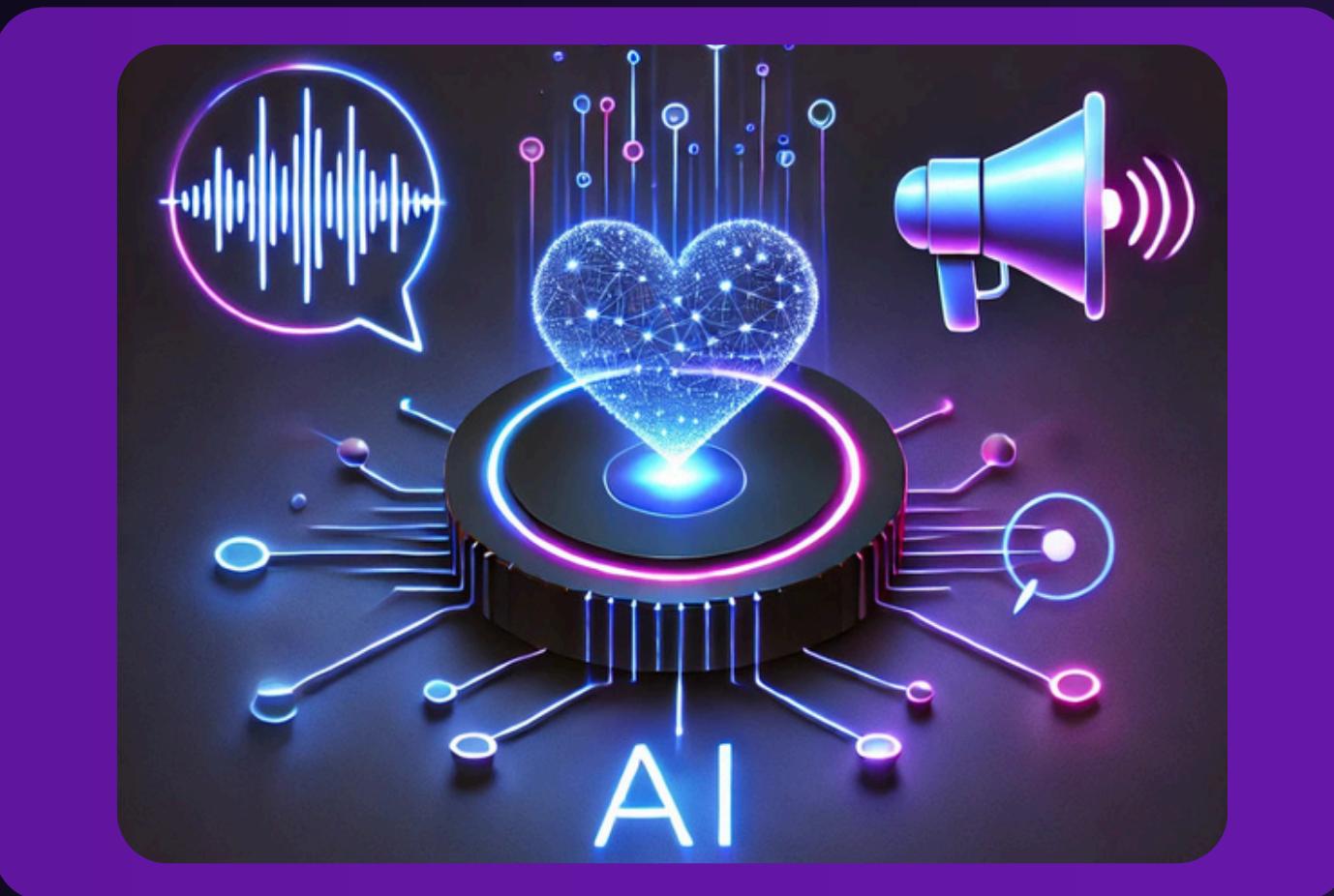


MARKET RESEARCH



ELLIE

SOLUTION

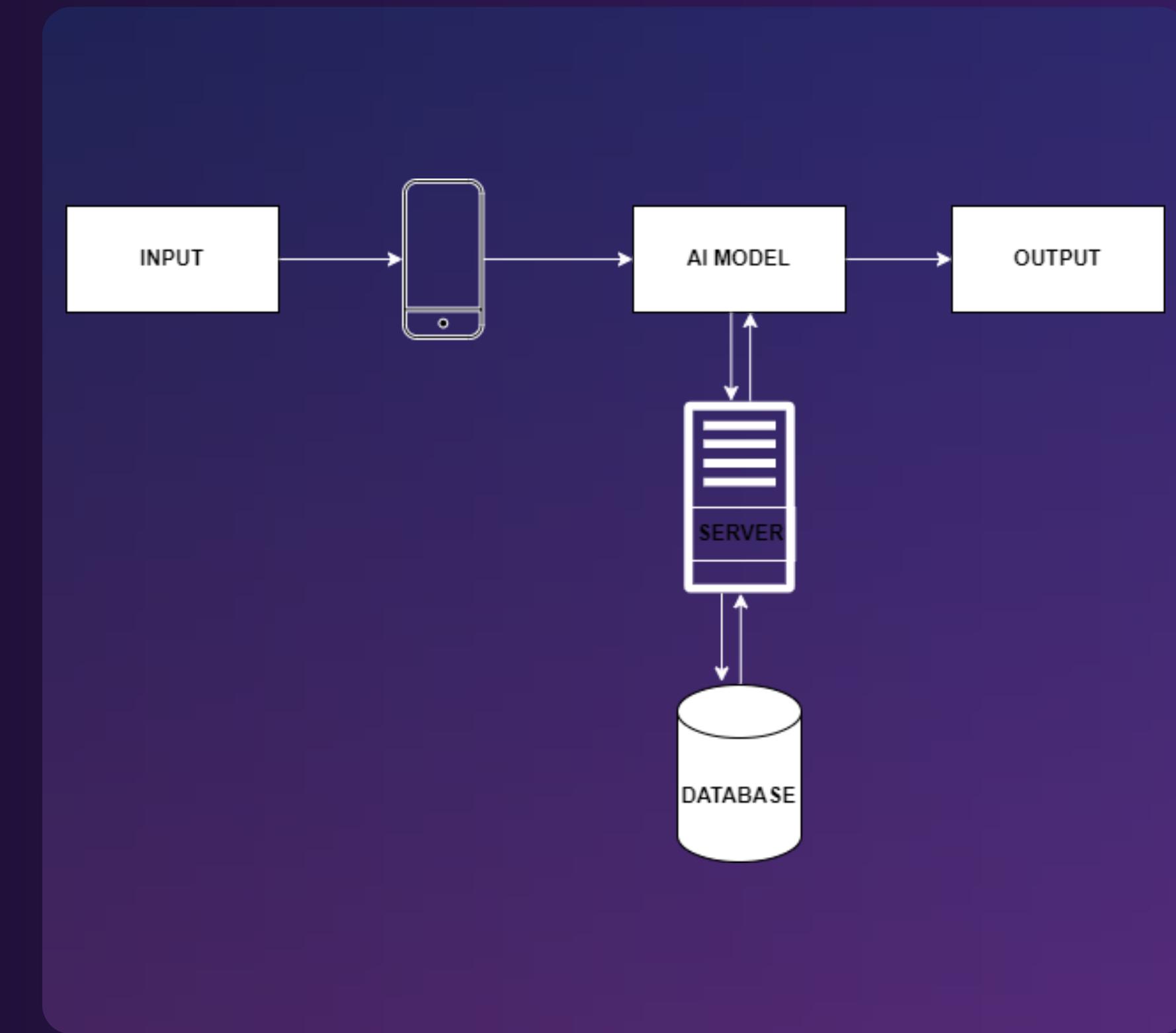


Multimodal
chatbot

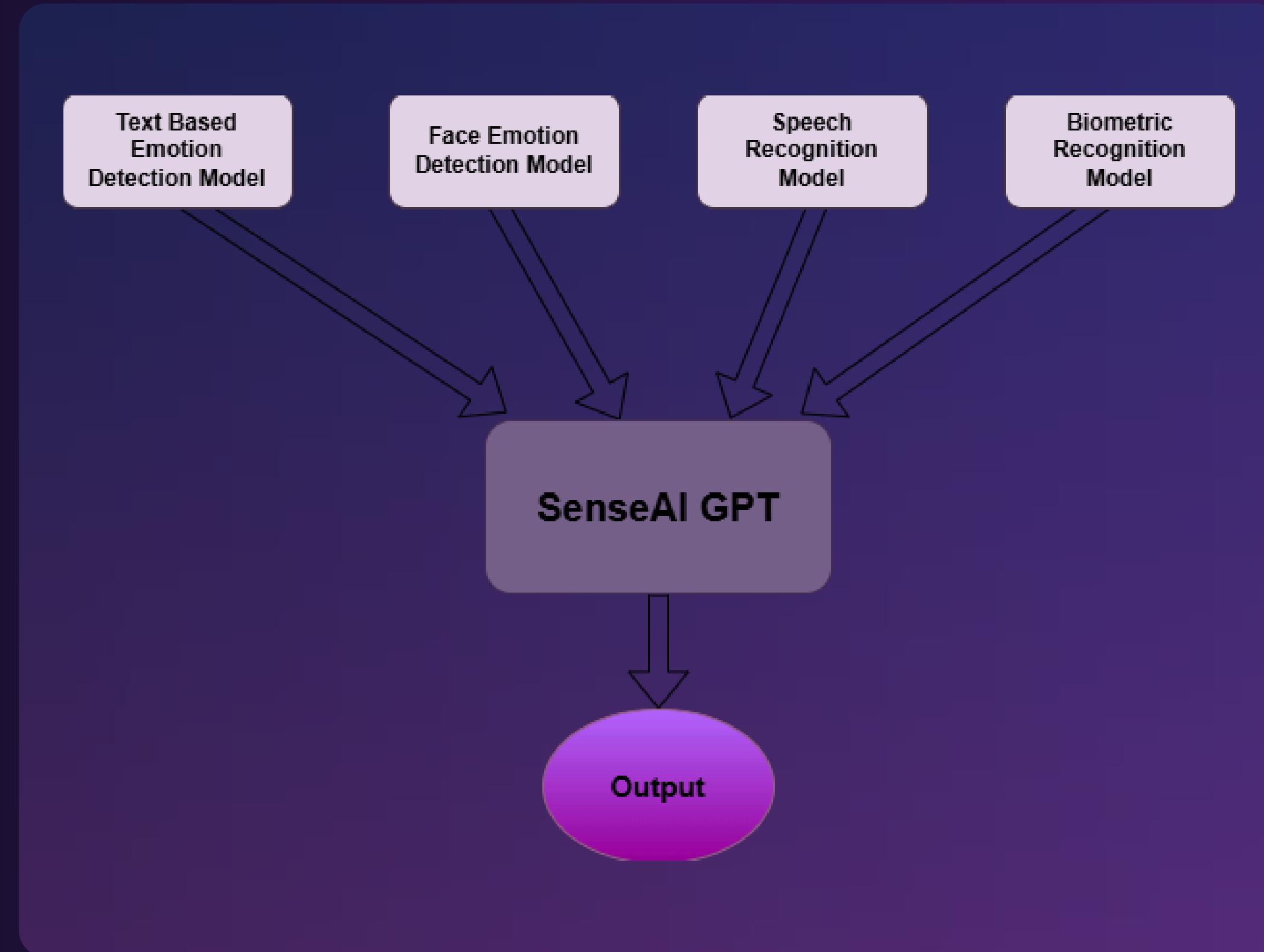
Real-time
feedback

Analysis
report

ARCHITECTURE DIAGRAM



MODEL

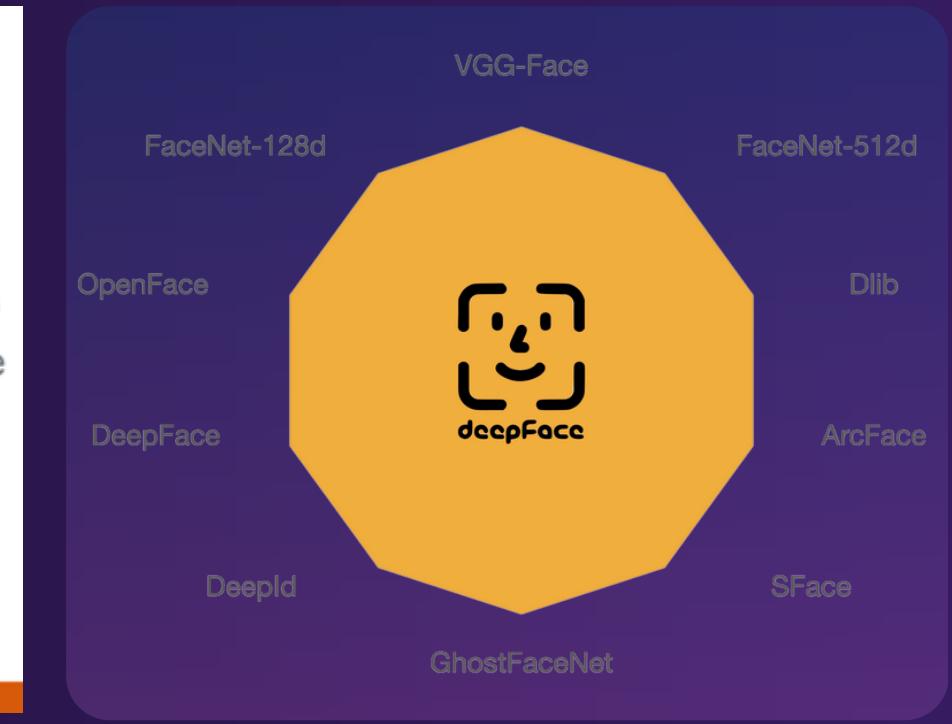


PRE-TRAINED MODELS

Mr-Appu/Text-Based-Emotion-Recognition

A simple web application that detects emotions from the text using LSTM and pre-trained GloVe embeddings.

1 Contributor 0 Issues 0 Stars 0 Forks



paulvangentcom/heartrate_analysis_python

Python Heart Rate Analysis Package, for both PPG and ECG signals

10 Contributors 304 Used by 985 Stars 327 Forks

TECHNOLOGIES

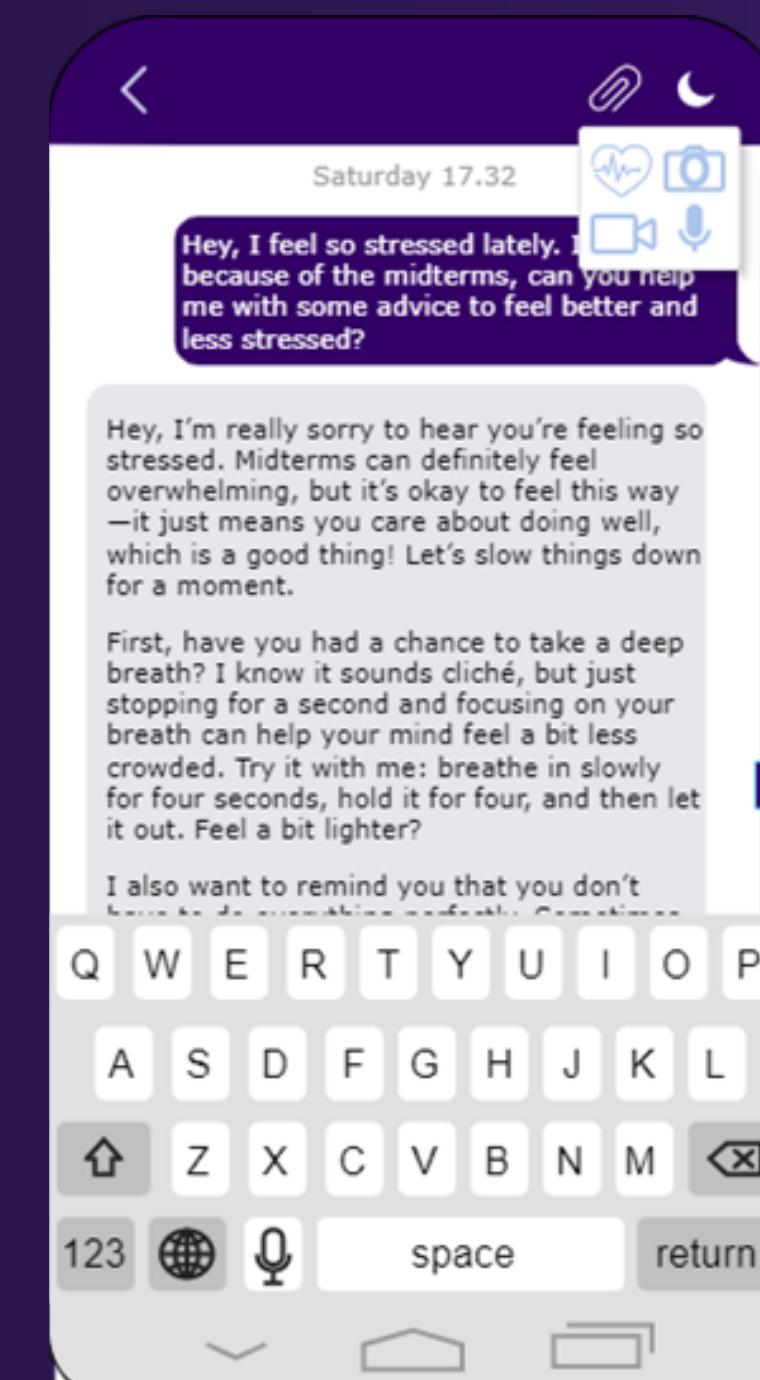
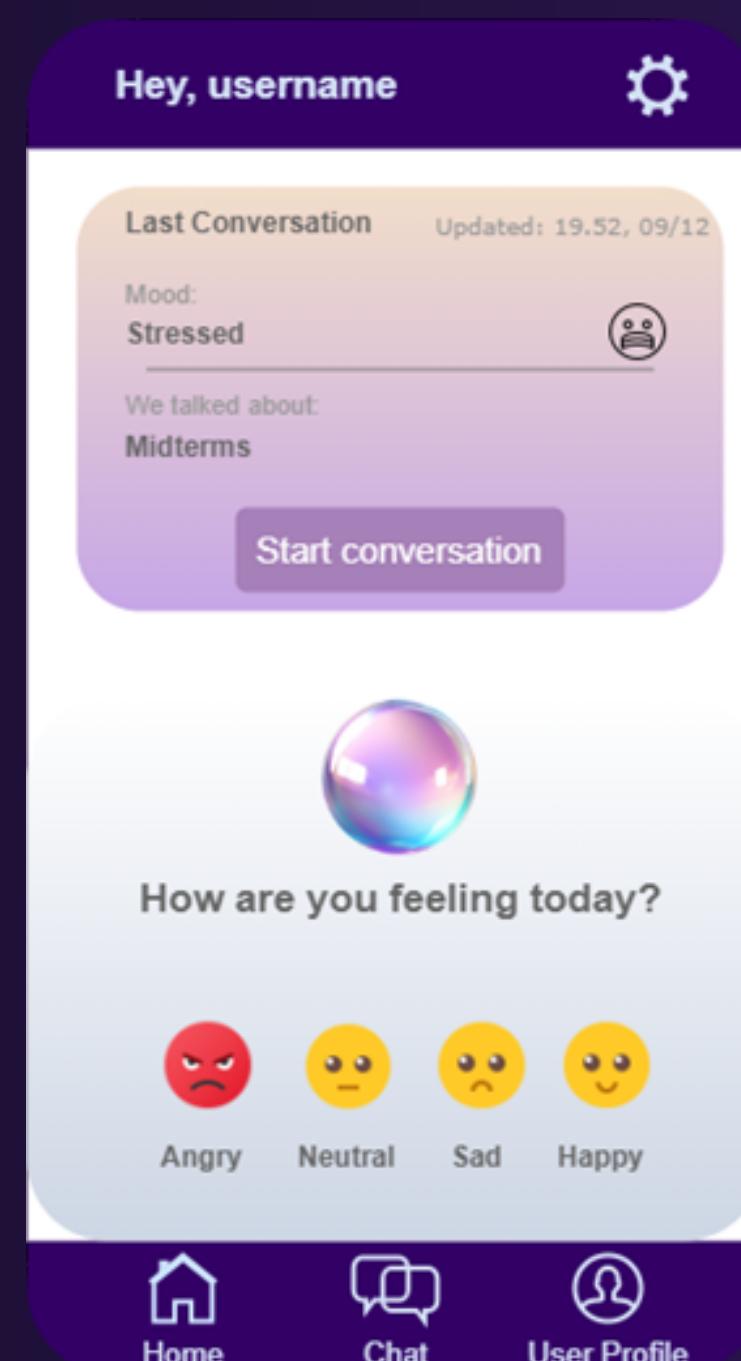
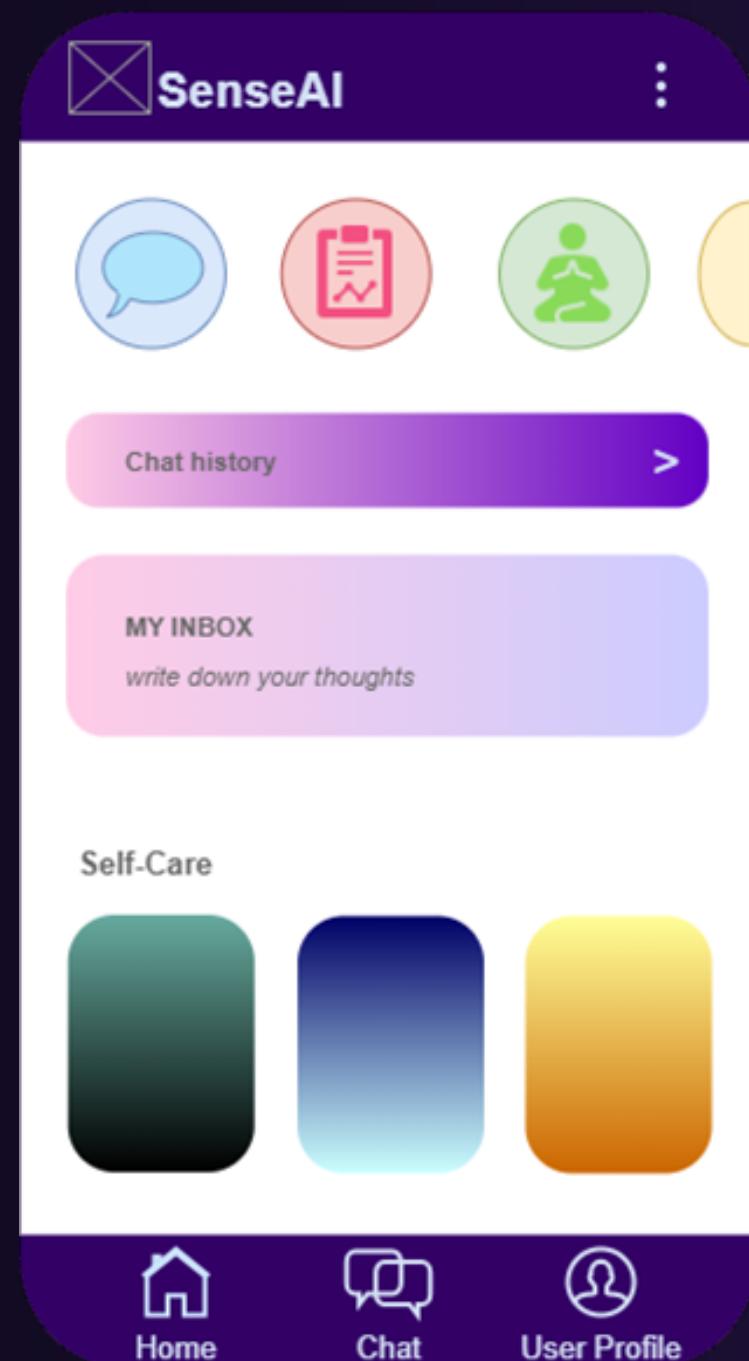
Flutter for cross-platform development

Node.js with REST APIs

GPT-based NLP, CNN, LSTM, ML models

MongoDB, Firebase, Google Fit

USER INTERFACES



CONCLUSION

RESULTS & ONGOING WORK

System architecture defined

First prototype

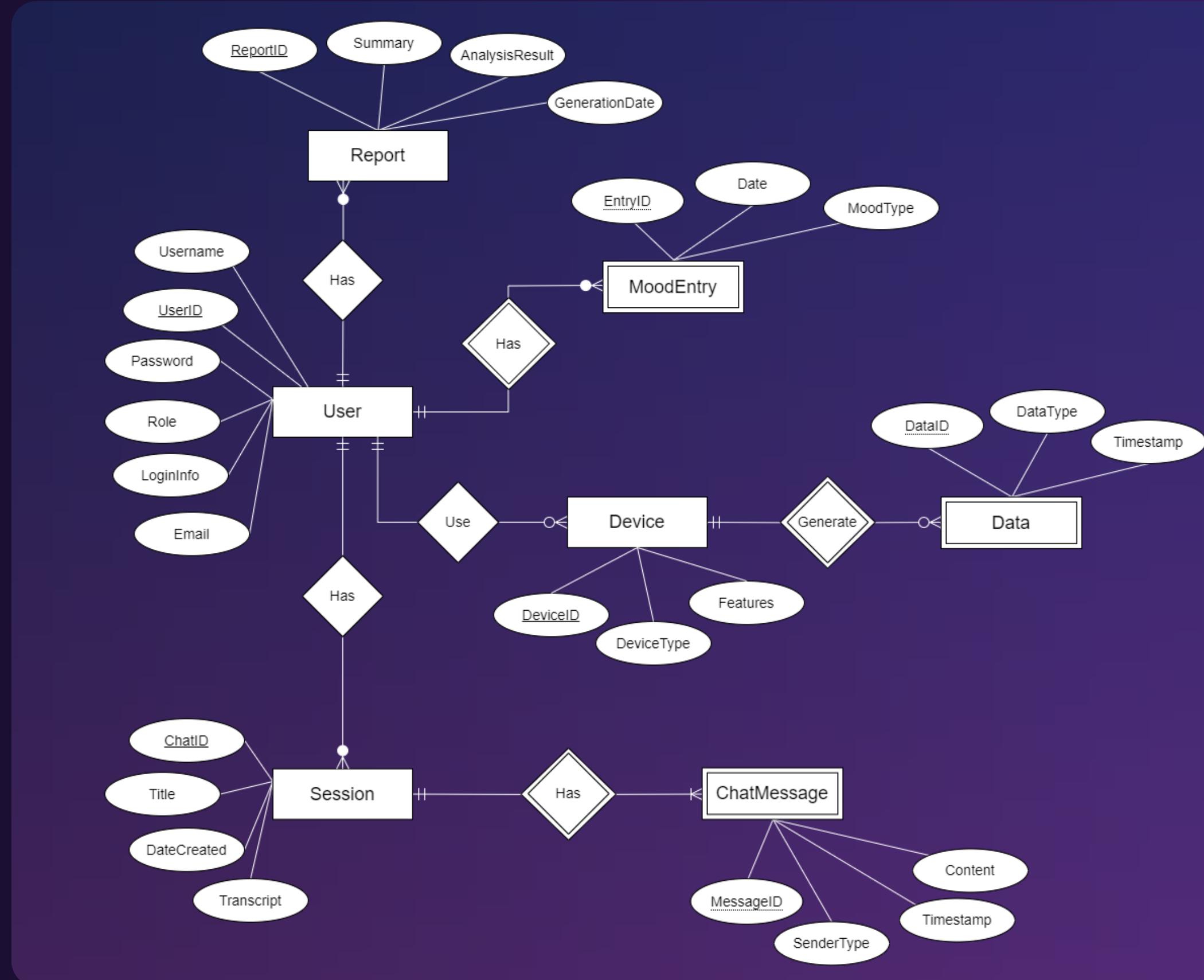
Dataset and model research

CHALLENGES

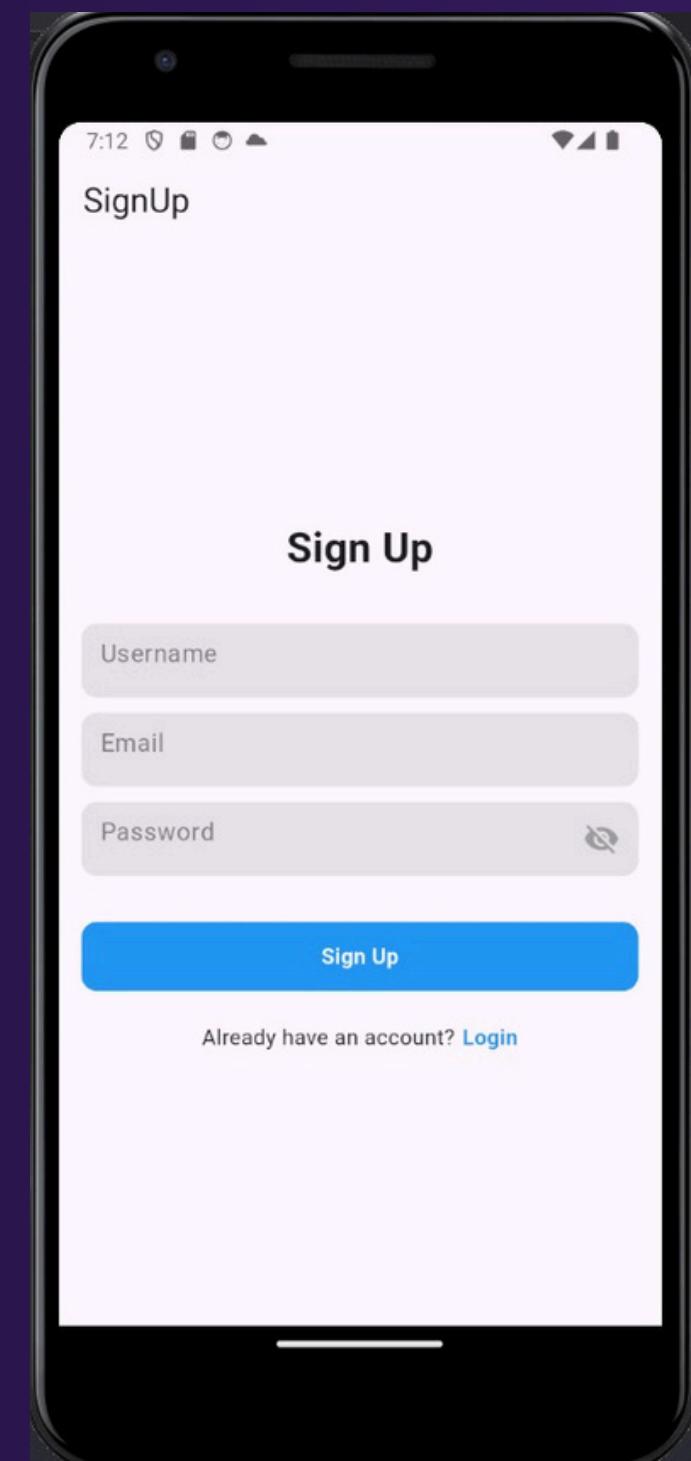
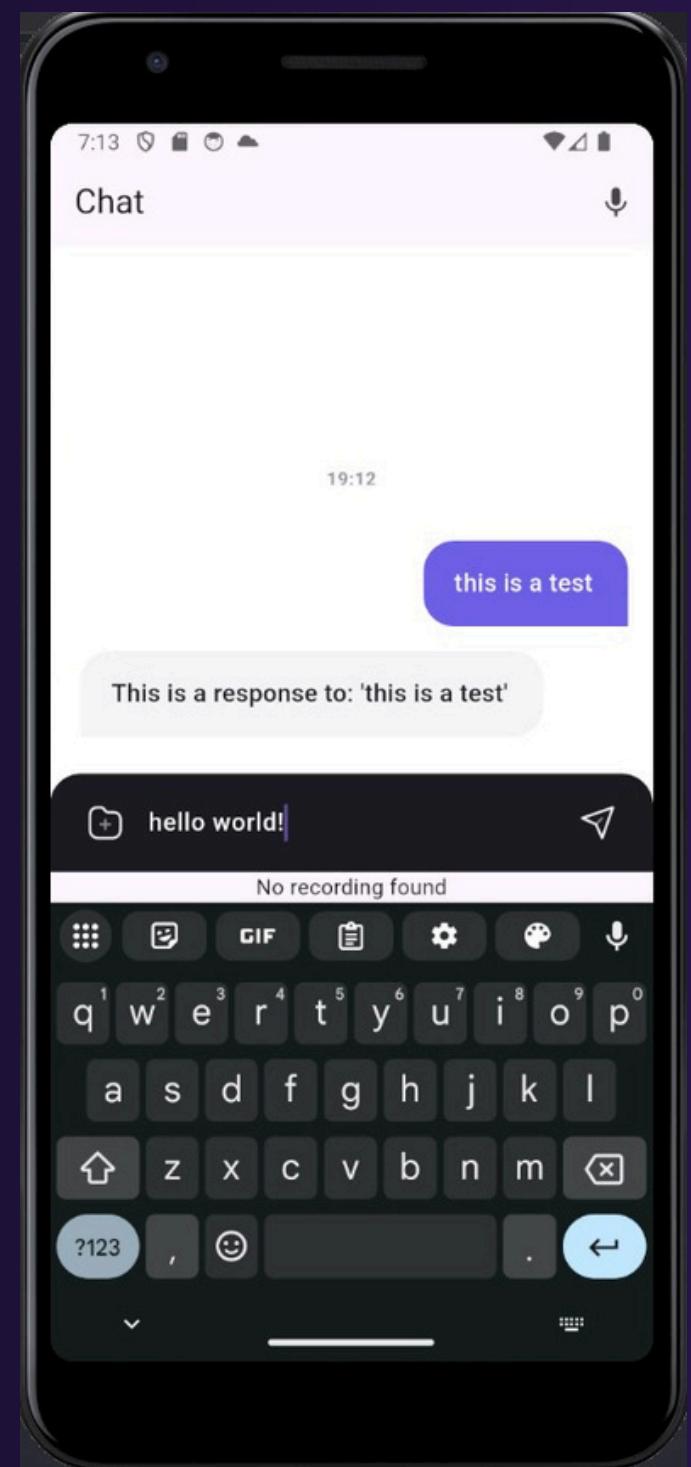
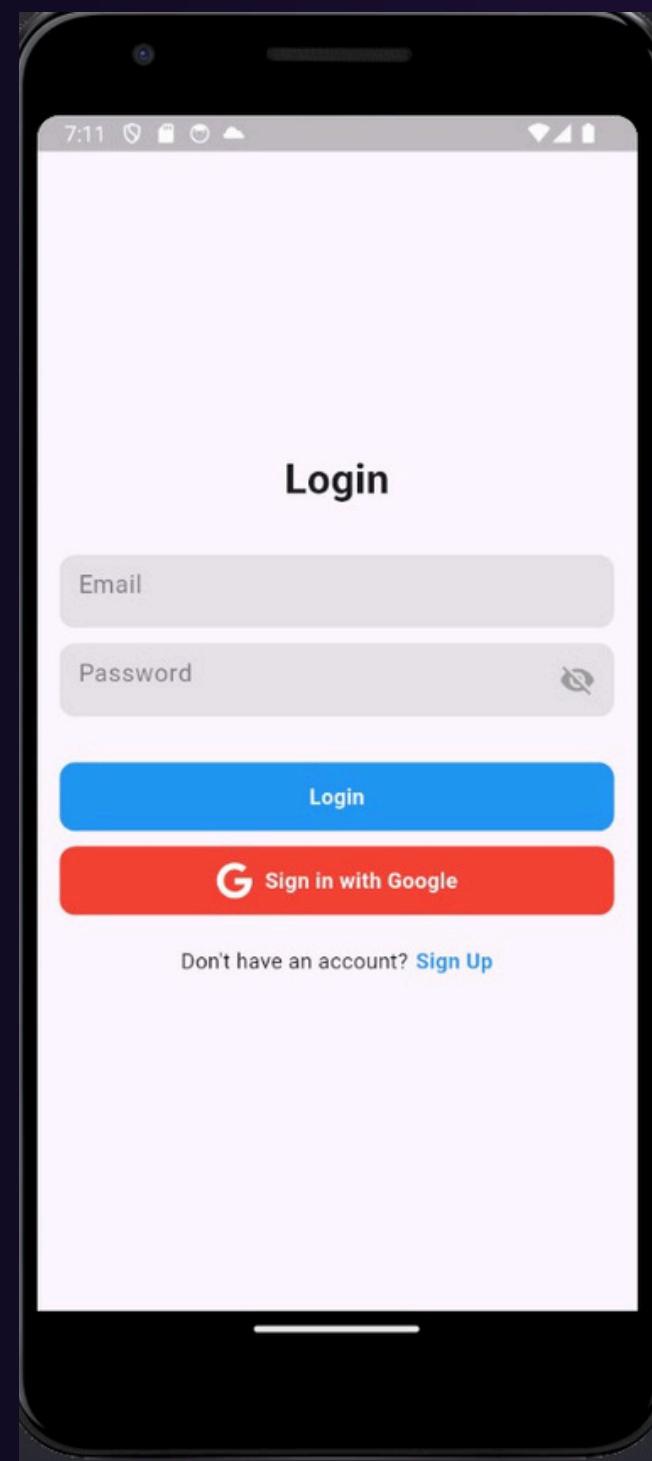
Computational demand

Labeled data

E-R DIAGRAM



FIRST PROTOTYPE



References

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Q & A