# Who is the AI? – A Human vs AI G Guessing Game Mobile App

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## Abstract

Our project, "Who is the AI?", is a mobile game app that offers users a fun and engaging guessing game experience. Built with React Native, the app creates a chatroom where several human players and one AI bot interact together. In each round, a player is randomly chosen to ask a question, and everyone—including the AI—responds. The challenge for the players is to figure out which one among them is actually the AI, based on the way they answer.

The app supports real-time chat using WebSocket and features secure user login. The AI's responses are generated through the OpenAI API, making the game more unpredictable and interesting. At the end of each session, players can cast their votes on who they think the AI is, and the results will be revealed.

We designed the app with several key screens, such as a home dashboard, the main chatroom, a voting page, a results screen, and a settings page. All game data, such as session information and voting results, is stored and managed with MongoDB. During development, we put a strong focus on security, reliable data handling, and creating an easy and enjoyable experience for the users.

**Keywords:** React Native, OpenAI API, WebSocket, MongoDB, AI Guessing Game, Mobile App Development.

**REFERENCES**

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Appendix A: System Architecture Flowchart