



**MYQUIZ.AI**

EXPERIENCE THE TRIVIA OF THE FUTURE

# MyQuiz.AI

Experience the Future of trivia games

By: Sameed Siraj , Sohum Berdia, Thembelani Sibiya

# Introduction:

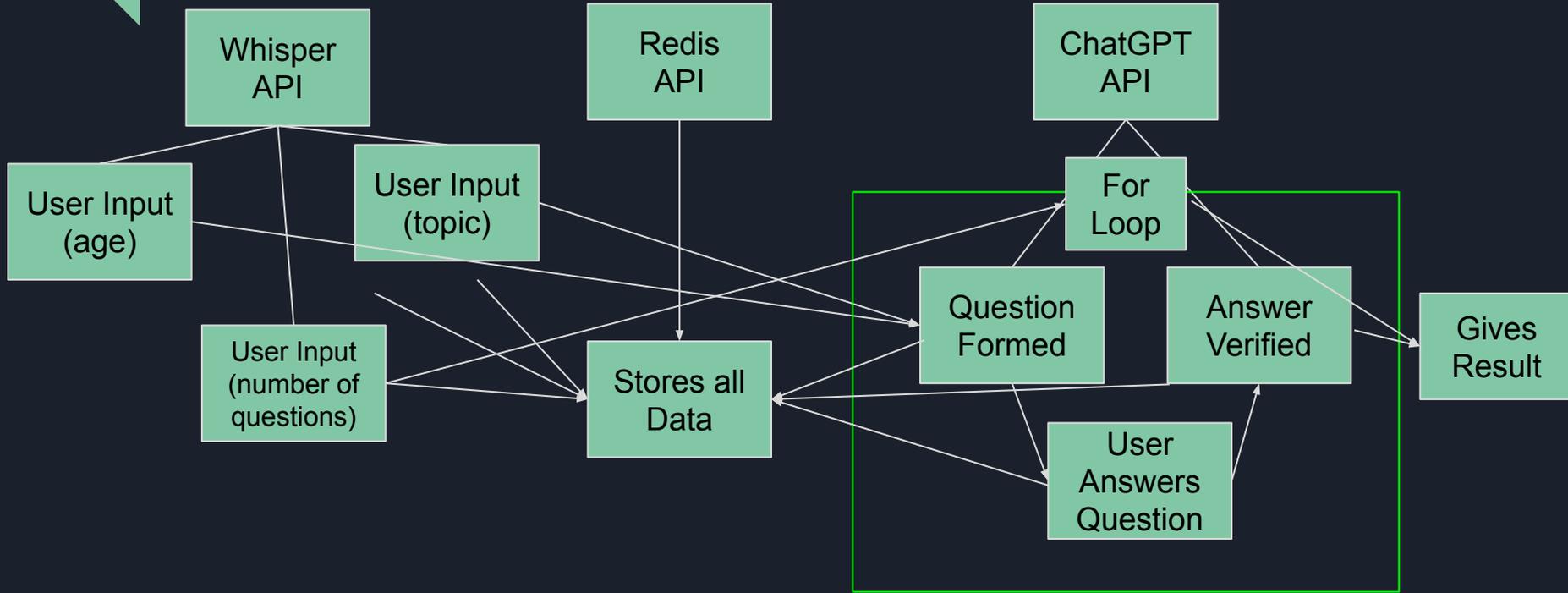


- No more limits on Quizzes
- Give your age, topic and number of questions, that's it!
- Promptly get related questions and your answer verified by ChatGPT
- Data stored for your future use. You can use this data to improve yourself and get better!



# DEMO

# Architecture



# Challenges:

- Speech recognition technology is still evolving, and there can be challenges in accurately recognizing different accents, dialects, and speech patterns.
- Integrating with external APIs such as the Whisper API and Redis can be complex, and any errors or inconsistencies can cause system failures or inaccuracies in responses.
- Managing data storage in Redis for a speech-based quiz system is a complex and critical task that requires specialized expertise. The high volume of data generated by the system, including questions, answers, and user responses, must be stored and managed efficiently to ensure optimal system performance and accuracy.

# Future Work:

- This system is converted into GUI based system.
- The report is generated after the completion of Quiz for the evaluation.
- The customized hints and feedback provided to user.
- The game or quiz could be expanded to support multiple players, allowing users to compete against each other in real-time. This could increase engagement and create a more social experience.
- The game could incorporate gamification elements such as rewards, badges, or leaderboards to encourage players to keep playing and improve their performance. The game could use machine learning algorithms to analyze a player's performance and adjust the difficulty level of questions accordingly. This could help keep players engaged and prevent them from becoming bored or frustrated.
- We further add the Audio input/output of question and answers for handicapped individuals in our quiz system.

# Impact



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- Personalized quiz experience
- Increased user engagement
- Improved educational value
- Accessible to users with disabilities
- Immersive and interactive user experience
- Encourages learning and retention.

# Conclusion

The development of a speech-based quiz system that asks unique questions every time is a significant achievement. By providing a personalized and engaging educational experience, the system can improve user engagement, increase knowledge retention, and enhance the overall user experience. With its advanced algorithms and machine learning capabilities, this system represents a significant step forward in the field of educational technology, offering a new and innovative way for users to learn and engage with the material. As such, the development of this system is an exciting development that holds great promise for the future of educational technology.



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