

WAATER

Qiraa'a Recognition and Error Detection using Deep learning

Amjaad Saleh

Roaa Fatani

Afnan Farouqui

Sumaya Badradeen



Supervisor Dr. Seereen Noorwali

Computer Science and Artificial intelligence Department, Umm Al-Qura university, Makkah, KSA

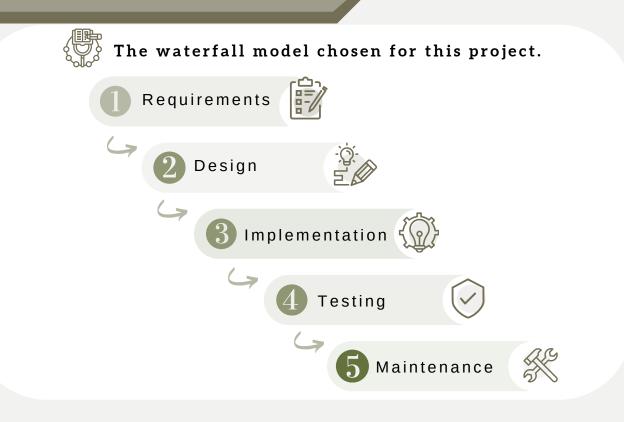
ABSTRACT

Our project tackles the challenge of different recitation styles by creating an app that identifies them and specific verses from audio files. We've used advanced technology, specifically CNN, to train our model.

TOOLS



METHODOLOGY



OBJECTIVES



AI-Powered Enhancement

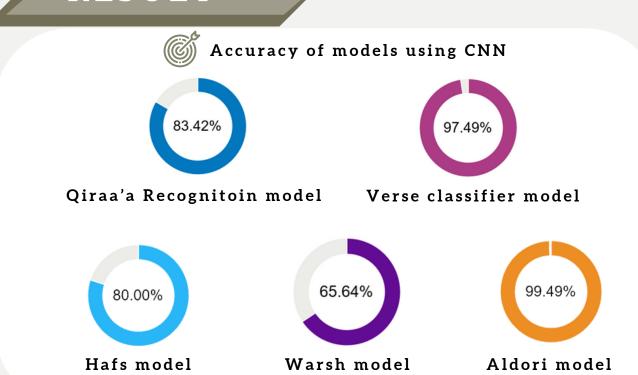
Inclusivity for All Muslims



DATASET



RESULT



PROTOTYPE





















FUTURE WORK

- Personalized Voice Generation
- Practice Plans and **Progress Tracking**
- Tajweed Correction
- Record Review
- Recitations Community
- Collaboration with Scholars

CONCLUSION

This project showed us how powerful new technolgy can be in recognizing recitation styles and classifying verses. We've set the stage for even more progress in the future. We can make our system even better and find new ways to use it.



