Human Interpreter

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College of computers ,department of computer science and artificial intelligence, project ID: CS-451-P2-F33
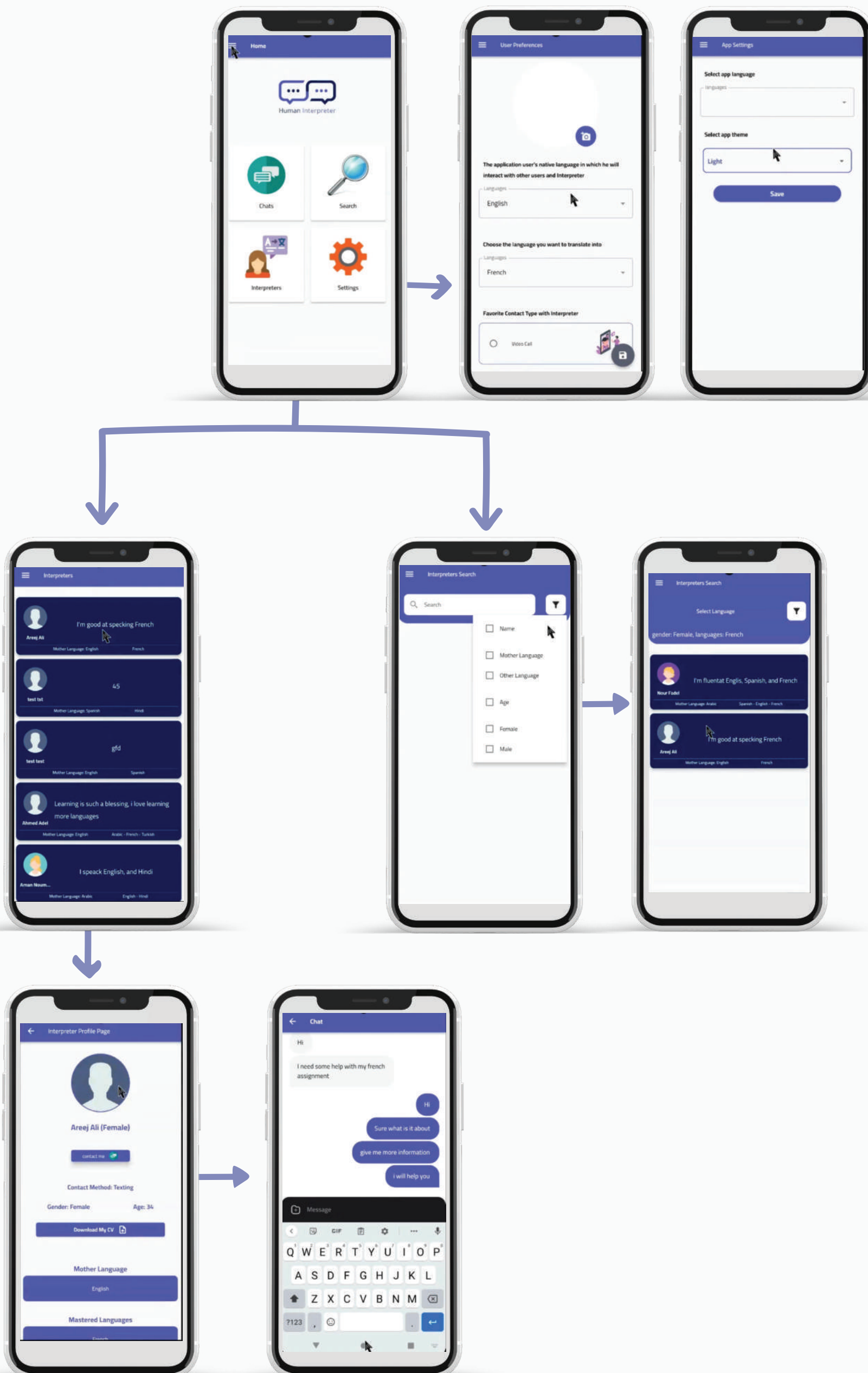
Abstract

At present , human interpreters hold significant importance in various aspects of our lives. However, we have observed challenges in accessing their services. As a solution, we suggest the development of an application to facilitate user requests for interpretation services. To streamline the process of finding an interpreter, we have implemented artificial intelligence to match user preferences with interpreter profiles, presenting users with a curated list for their convenience.
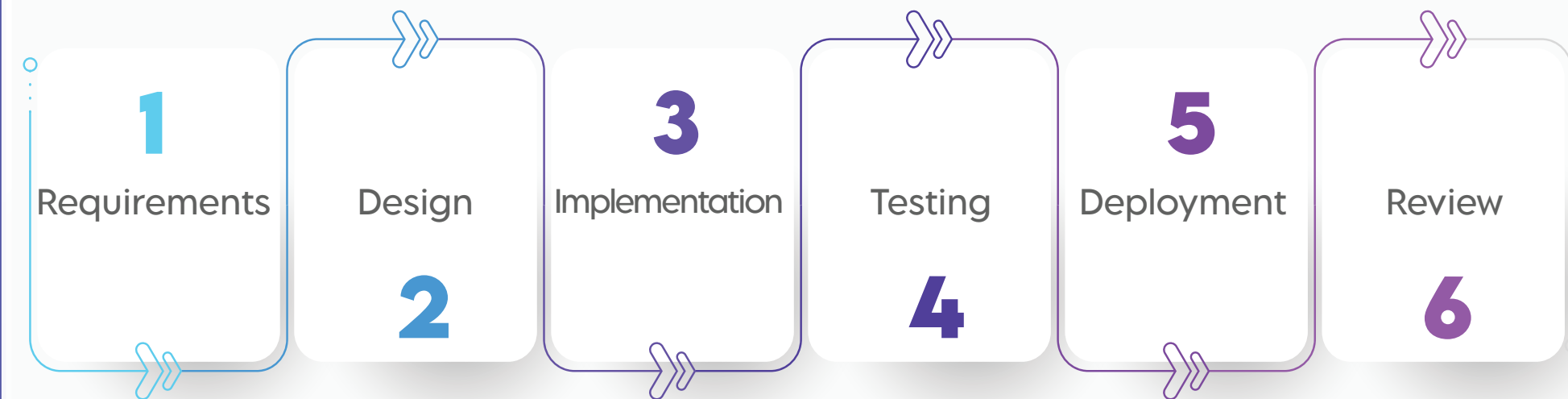
Application Interfaces

Methodology

1 Requirements
2 Design
3 Implementation
4 Testing
5 Deployment
6 Review

Motivation

1 Create a user-friendly and efficient solution for people seeking interpretation services.

2 The project will help facilitate communication across cultures and promote understanding and collaboration.

3 We aim to offer a an application that allows human interpreters to demonstrate an their proficiency and knowledge in their field.

Tools

Visual Studio Code | django | Flutter | Firebase | SQLite | Android Studio | PYTHON
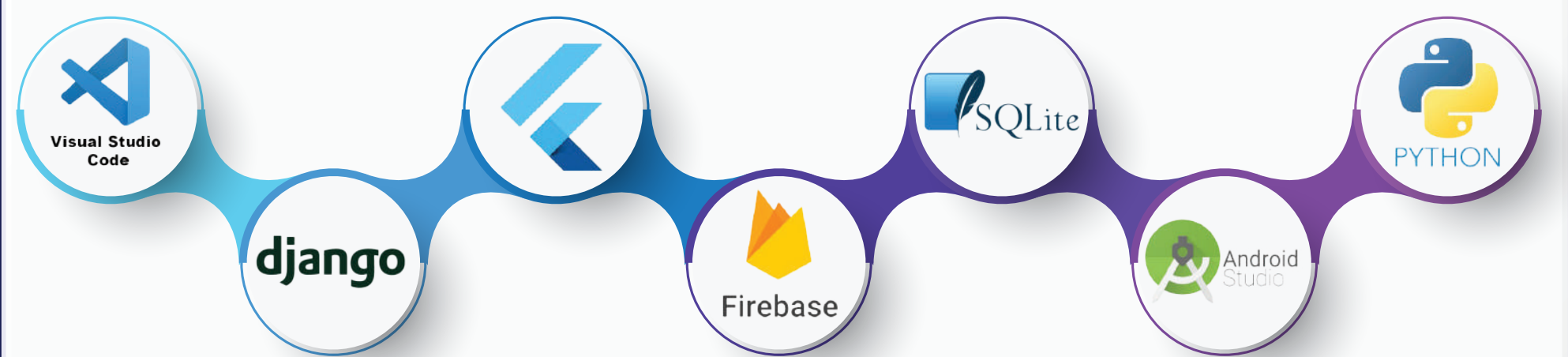
Features

1 Domain-specific Interpreter Identification.

2 Use matching algorithm (j-card method).

3 Controlled Chatting.

4 Maintain user privacy.

Future Work

1 We aim for the app to support multiple languages in the future.

2 The user can communicate with the interpreter in all ways through the application.

3 The app allows unemployed interpreter to work and earn money for their help.

Conclusion

The Human Interpreter app is a robust tool that harnesses technology, and we developed it with the goal of assisting individuals and interpreters in honing their skills. Users can also seek assistance through this application. Our app enables users to specify their preferences for matching with interpreter profiles, utilizing machine learning algorithms to facilitate the process.

User Pages

Interpreter Pages