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Messaging App Proposal

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INTRODUCTION

Communication is something people inherently need. Electronic messaging brings people "together" despite not being, physically, in the same area. Today, it is often more convenient to message people by chatting than rather than voice communication.

The purpose of this mobile application is to provide a safe and easy way to communicate with friends/family. The application is to be implemented for use on an Android Mobile device with an API of 23 or higher (Android Marshmallow or higher).

FEATURES

The app features include:

- Create private user accounts

- Upload a profile picture

- Users can search for friends who have accounts in the app

- Users can send/accept/decline friend requests

- Friends List

- Users can unfriend current friends

- Friends List shows when the users became friends

- See other user's profiles

- Users can send and receive text messages in real-time

- Users can send and receive images in real-time

- Time message was sent is shown

TOOLS

FRONT-END

The platform used to develop the application is android studio with the JAVA programming language.

BACK-END

Firebase is used as the Back-End service.

Firebase development tools:

- Authentication
- Database
- & Storage