

CHAPTER-5

TECHNICAL SPECIFICATION

5.1 Hardware Specification:

- **5.1.1 Ram :** 4 GB
- **5.1.3 Hard drive Storage Needed (Mobile Phone) :** 16GB
- **5.1.3 Network Connection :** 4G (VoLTE)

5.2 Platform:

- **5.2.1 Supported Operating System:** Android 7 and above.

5.3 Framework:

- **5.3.1 Framework:** Flutter.
- **5.3.2 Programming Language:** Dart 3.5

5.4 Technical Specification:

- **5.4.1 Front-End:** Dart
- **5.4.2 Back-End:** Dart & Firebase
- **IDE Tools:** Android studio koala & Visual Studio Code
- **UML Tools:** Draw.io
- **SRS Tools:** Microsoft Word 2021.

5.5 DESIGN LAYOUT

[Figure 8: HOMEPAGE]



AUTHENTICATION:-

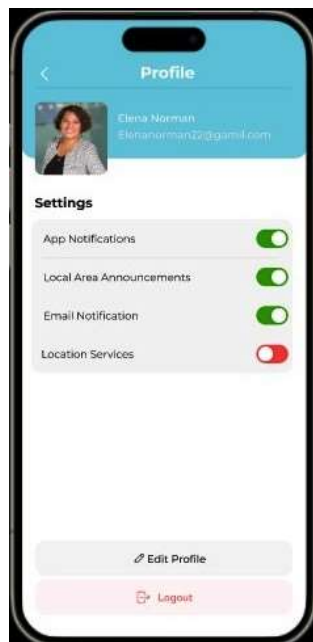
The image shows a mobile app screen titled 'CREATE ACCOUNT'. It features a series of input fields for user registration: 'Enter First Name:', 'Enter Last Name:', 'Enter Email:', 'Enter Password:', and 'Confirm Password:'. Below these fields is a checkbox labeled 'I accept Terms and Conditions...' which is checked. At the bottom of the form is a large blue 'Sign Up' button. Below the button are two social media login options: 'Facebook' and 'Google'.

[Figure : SIGN UP]

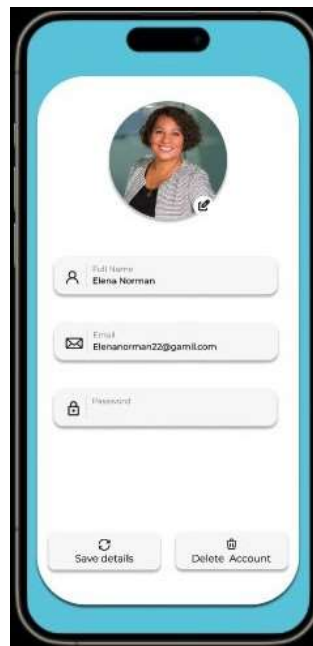


[Figure : LOG IN]

PROFILE:-



[Figure : PROFILE]



[Figure : EDIT PROFILE]

PHYSICAL HEALTH:-



[Figure : PHYSICAL HEALTH]



[Figure : EXERCISE]



[Figure : EXERCISE TYPE]

CONCLUSION

It was a great experience to design and implement the health Related app by using Flutter to work on its documentation. While working on this project we have learned many things especially how to apply the concept of Flutter in modelling of real world system. This project is developed using Dart, json, Firebase fully meets the objective of the system which it has been developed. This project is used for computerizing for Health related app for managing the healthy life. This software keeps all your basic vitals and plots graph according to the vitals and show how your health are evolves and give suggestion from your evolution.

BIBLIOGRAPHY

▪ WEB REFERENCE

[1] Pub.dev

Link: <https://pub.dev/>

[2] Dart programming language

Link: <https://dart.dev/>

[3] Flutter

Link: <https://flutter.dev/>

[4] Stack Overflow

Link: <https://stackoverflow.com/>