

CHAPTER-5

TECHNICAL SPECIFICATION

5.1 Hardware Specification:

- **5.1.1 Ram :** 4 GB
- **5.1.3 Hard drive Storage Needed (Mobile Phone) :** 16 GB
- **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:Design Layout]



[Figure : Homepage]

AUTHENTICATION:-

The image shows a mobile app sign-up screen. At the top, it says 'CREATE ACCOUNT'. Below this are five input fields: 'Enter First Name:', 'Enter Last Name:', 'Enter Email:', 'Enter Password:', and 'Confirm Password:'. There is a checkbox with a green checkmark and the text 'I accept Terms and Conditions...'. Below the checkbox is a blue 'Sign Up' button. At the bottom, there are two buttons for social login: 'Facebook' and 'Google'.

[Figure : SIGN UP]

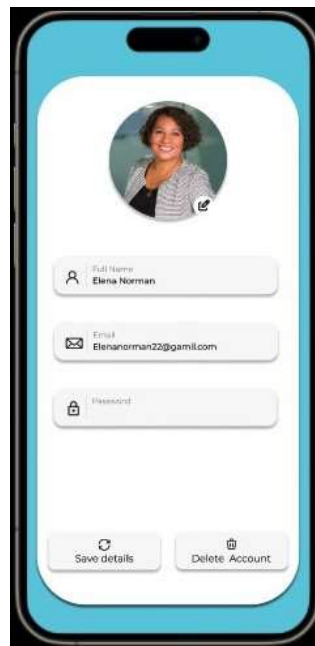


[Figure : LOG IN]

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

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- [3] Flutter Apps Development: Build Cross-Platform Flutter Apps with Trust Author : Mouaz M. Al-Shahmeh
- [4] Beginning App Development with Flutter Author : Rap Payne

▪ 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
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