🩺 Health Compass - Final Web App Submission Report

Project Overview

- **Project Name:** Health Compass Admin App

- **Date:** 06-06-2025

Project link :
https://drive.google.com/file/d/1i83tbVrM3BvLX8qJl9FEobgYHBaO8FRo/view?usp=sharing

App Summary

App Name: Health Compass Admin App
Platform: Web
Frontend Framework: Flutter Web
Flutter SDK Version: 3.32.0
State Management: Getx
Architecture: Clean Architecture (Domain-driven, modular)

Developer: Rohit Parmar (Sr. Flutter Developer, Logic Go Infotech LLP)

Authentication & Backend

The app integrates:

- **Node.Js** backend

- **MongoDB** for health data storage

- **Firebase Hosting** (for deployment)

Project Structure

The project follows a clean and scalable folder structure:

```
├── core/          # Shared constants, utils, theme
├── data/          # Entities and repository contracts
├── routes/        # Navigation routes
├── services/   # services and data models
└── presentation/   # UI components, screens, and routing
```

Build & Run Instructions

Prerequisites:

- Flutter 3.32.0 installed

- Chrome or Edge browser

- Firebase CLI configured (`firebase login` and `firebase init`)

Setup:

1. Run `flutter pub get`

2. Run `dart run build_runner build --delete-conflicting-outputs`

3. Add Firebase credentials:

    - `web/index.html` must include Firebase config script.

    - `.env` file should include Firebase keys.

To Run:

flutter run -d chrome

To Deploy:

flutter build web
firebase deploy

Dependencies

Key packages used:

- `getx`– state management

- `build_runner` – data modeling

- `flutter_local_notifications` – for notification support

- `flutter_hooks`, `responsive_framework`, `intl` – UI helpers

Testing

- Fully tested on latest versions of **Chrome**, **Edge**, and **Firefox**

- Responsive on mobile and tablet viewports

- Firebase connections verified with live data

- Form validations and error handling completed

Deliverables

- ✅ Source code folder (Google Drive link):
  [Add your zipped project link here]

- ✅ This documentation

- ✅ Build (`web/`) folder if required

Final Notes

The Health Compass Admin web app is ready for deployment and scaling.

Firebase project not setup for this project.

Submitted By:

Flutter Development Team, Logic Go Infotech LLP