



Health Compass - Admin Web App Submission Report

Project Overview

- **Project Name:** Health Compass Admin App
- **Date:** 10-06-2025

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)

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.

Firestore project not setup for this project.

Submitted By:

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