Snevva App - One Page Summary

What it is

- Snevva is a Flutter mobile health companion app using GetX for app state and flow control.
- It combines daily health tracking, reminders, and Elly chat guidance with cloud APIs.

Who it's for

- Primary persona: people who want one mobile app for daily health habits and core vitals.
- Female-profile users also get women's health tracking screens and reminders.

What it does

- Tracks sleep goals/progress, including background sleep monitoring.
- Tracks daily steps with background pedometer updates and sync logic.
- Tracks hydration intake against user goals.
- Logs mood, vitals (BPM and blood pressure), and BMI.
- Manages medicine, water, meal, and event reminders with alarms/notifications.
- Provides health tips, diet plans, and mental wellness content/music.
- Offers Chat with Elly decision-tree guidance; AI Symptom Checker is present but disabled.

How it works (repo evidence only)

- UI layer: Flutter views/widgets with bottom nav sections Home, My Health, Alerts, and Menu.
- State layer: GetX controllers for auth, steps, sleep, hydration, reminders, mood, vitals, etc.
- Service layer: ApiService/AuthService call endpoints at https://abdmstg.coretegra.com.
- Security path: requests can be encrypted via EncryptionService with x-data-hash headers.
- Local data: Hive boxes (step_history, sleep_log, reminders_box, medicine_list) and SharedPreferences for sessions, flags, and cached user values.
- Background/alerts: flutter_background_service tracks steps/sleep; Firebase Messaging and local notifications drive push alerts and scheduled reminders.
- Backend internals and database schema: Not found in repo.

How to run (minimal)

1. Install Flutter SDK. Repo Dart constraint in pubspec: ^3.7.0.
2. From repo root: flutter pub get
3. Launch on a device/emulator: flutter run
4. Exact environment/bootstrap docs for .env and secrets/key.json: Not found in repo.