Backend Commanders

Summary

- **Saif & Bavly own the backend service (voclio-api).**

- **They are responsible for building and maintaining the NestJS API that connects Flutter, AI service, Google Calendar, and the Admin Dashboard.**
- **Their scope covers user accounts, tasks, calendar sync, daily summaries, and admin monitoring.**

- **They define and maintain all backend features, making sure APIs are secure, stable, and well-documented**

Responsibilities

1. Backend Setup

- **Repo: voclio-api (standalone).**
- **Stack: NestJS + TypeScript.**
- **Structure:**
  - **modules/ → (users, tasks, calendar, summary, admin).**
  - **services/ → business logic.**
  - **controllers/ → endpoints.**
  - **dto/ → request/response validation.**
  - **tests/ → unit & integration.**

2. User Management

- **Auth: JWT-based authentication.**
- **Roles:**
  - **User → normal access**
  - **Admin → dashboard + monitoring**
- **Endpoints: Register, Login, Profile, Update.**

3. Task Management

- **CRUD APIs for tasks (create, list, update, delete).**
- **AI-powered APIs:**
- **/tasks/parse → AI task breakdown**
- **/tasks/prioritize → AI prioritization**
- **/tasks/followup → AI adaptive rescheduling**

4. Calendar Integration

- **Google Calendar OAuth for user sync.**

- **Import → pull events into Voclio.**
- **Export → push Voclio tasks into Google Calendar.**
- **Endpoints: Sync + Fetch events.**

5. Daily Summary

- **AI-driven report:**
  - **Calls AI /daily-summary.**
- **Response = {completed[], pending[], motivation}.**

6. Admin Dashboard (for Admin Role)

- ## Admin Dashboard (Admin Role)
- **Users: list, details, deactivate.**
- **Tasks: overview + stats per user/team.**
- **AI Monitoring: logs + error tracking**

7. Testing & Documentation

- **Swagger API docs (auto-generated).**
- **Postman collection for Flutter team.**
- **Unit & integration tests (users, tasks, AI, calendar)**

Goal

- **Backend = bridge between:**
  - **Flutter app**
  - **AI microservice (voclio-ai)**
  - **Google Calendar**
  - **Admin Dashboard**
- **Must be secure, clean, and scalable.**