Dental Backend – Developer Integration & Deployment Sheet (One-Page)

1. Combine All Backend Parts

Extract both dental-backend-final.zip and dental-backend-final-deploy.zip into one folder. Overwrite when asked.

2. Install Dependencies

Run: npm install

3. Database Setup

Use docker-compose up --build or connect your own Postgres instance.

4. Prisma Initialization

Run: npx prisma migrate dev --name init

5. Environment Variables

Create .env with: PORT, NODE_ENV, DATABASE_URL, ADMIN_PIN, USD_PKR_API_URL.

6. Build & Run

Dev: npm run dev

Prod: npm run build && npm start

Docker: docker-compose up --build

7. Cron Jobs

Wire hourly USD→PKR, daily Drive backup, daily reminders, auto■11PM no■show.

8. API Docs

Open openapi-core.yaml in Swagger/Stoplight/Postman.

9. Replace Dummy Providers

Replace SMS, Email, Drive, and PDF providers with real services.

10. Core Integration Architecture

Use routes/index.master.ts, workflows.service.ts, and events.ts.

11. Deployment Checklist

Enable HTTPS reverse proxy, configure env vars, run build, apply migrations, verify health endpoints.