

Ledger Project – Day 1 Plan

Objective:

Set up a clean TypeScript + Express backend foundation. No database. No authentication. No Docker. Just a stable booting server with proper structure.

Tasks:

- Initialize Node project (npm init -y)
- Install dependencies (express, dotenv)
- Install dev dependencies (typescript, ts-node-dev, @types/node, @types/express)
- Initialize and configure tsconfig.json
- Create project folder structure (src/, modules/, middleware/, etc.)
- Create basic Express app (app.ts)
- Create server entry point (server.ts)
- Add /health endpoint returning { status: 'ok' }
- Add dev script using ts-node-dev
- Confirm server boots successfully on localhost:3000

Success Criteria:

- Server starts without errors.
- `http://localhost:3000/health` returns a JSON response.
- Project structure is clean and organized.
- You understand how the runtime boots and loads modules.

Reminder: Do not move ahead to database or authentication yet. Today is about clean foundation and runtime clarity.