SmartSdlc

AI-Enhanced Software Development Lifecycle

Final Project Report (Conceptual + Runnable Demo)

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Runnable Demo Instructions

Runnable Demo Included: - Flask backend at src/backend/main.py serves a minimal React UMD frontend (no Node required). - Endpoints: /health (GET), /api/predict (POST). Steps to run: 1. python -m venv .venv 2. source .venv/bin/activate (or .venv\Scripts\activate on Windows) 3. pip install -r src/backend/requirements.txt 4. python src/backend/main.py Open http://localhost:5000
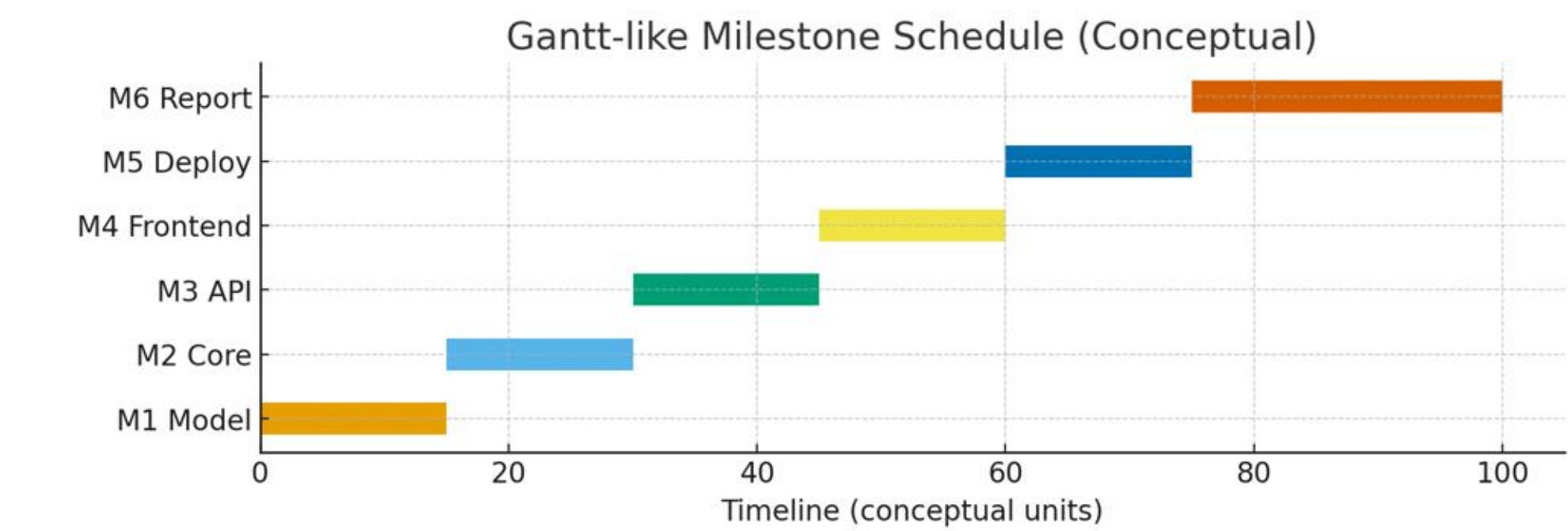
Milestone Schedule (Gantt-like)

Figure: Conceptual timeline for milestones.

Screenshots (Placeholder)

SmartSdlc Conceptual Screenshots

To replace placeholders with your real images: upload images here in chat or provide files; I'll