Healthcare Hackathon Problem Statements

Problem Statement 1: AI-Powered Telemedicine Platform

Problem: Rural and semi-urban patients lack access to specialist doctors.

Objective: Build a secure telemedicine platform with AI-based health guidance.

Key Features:
- Patient registration and login
- Online appointment booking
- Chat and video consultation
- AI symptom checker
- Digital prescription
- Medical history storage

Tech Stack:
- Frontend: Next.js, Tailwind CSS
- Backend: Firebase Auth, Firestore, Storage
- AI: Python (FastAPI/Flask), OpenAI/ML Model
- Communication: WebRTC / Agora / ZegoCloud

Problem Statement 2: Smart Medicine Adherence System

Problem: Patients forget to take medicines on time, reducing treatment effectiveness.

Objective: Develop a smart reminder and tracking system for medicine intake.

Key Features:
- Medicine schedule setup
- Smart notifications and reminders
- Intake confirmation
- Progress tracking
- Refill alerts
- Caregiver monitoring

Tech Stack:
- Frontend: Next.js, Tailwind CSS
- Backend: Firebase Auth, Firestore, Cloud Functions
- Notifications: Firebase Cloud Messaging, Twilio (optional)
- AI (Optional): Python ML Models

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