

Document Title:

Implementation Plan for Remote Patient Monitoring System for Chronic Disease Management

Brief Content:

Our company, **HealthTrack Solutions**, is planning to develop a **Remote Patient Monitoring (RPM)** platform aimed at managing patients with chronic diseases such as diabetes, hypertension, and heart failure.

The system should allow **real-time collection of patient health data** (e.g., blood pressure, glucose levels, heart rate) via wearable devices and connected home medical equipment. The data should be transmitted securely to healthcare providers for proactive intervention.

Key features requested:

- Secure data transmission compliant with **HIPAA regulations**
- User-friendly mobile app for patients and clinicians
- Automated alerts for abnormal readings
- Integration with existing **Electronic Health Records (EHR)**
- Multi-language support for diverse patient populations
- Scalability to support up to **100,000 active users**

Target audience: Elderly patients, individuals with limited digital literacy, and rural healthcare providers.

Business Goals:

- Improve patient outcomes through early detection
- Reduce hospital readmission rates by 15% within the first year
- Expand service offerings to rural and underserved areas

Current assets: We have existing partnerships with two wearable device manufacturers and access to anonymized historical patient data for system training and benchmarking.