PyMedix

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A Python-Based Medication Management Project

Project Idea

The Smart Medication Reminder System is a *Python-based application* designed to help patients manage their medications efficiently.

It manages patient and medication details, monitors daily doses, calculates remaining doses automatically, sends timely medication reminders, and produces organized reports and visual charts to enhance adherence and minimize missed doses.

The Problem

Many people forget their medication times or doses, which may cause health risks and reduce treatment effectiveness.

The Solution

The solution is a system that organizes medication schedules, sends reminders, tracks doses, and removes medications automatically after treatment completion.

Project Objectives

- Reduce missed doses
- Support multiple patients
- Simplify treatment tracking
- Organize medication schedules accurately

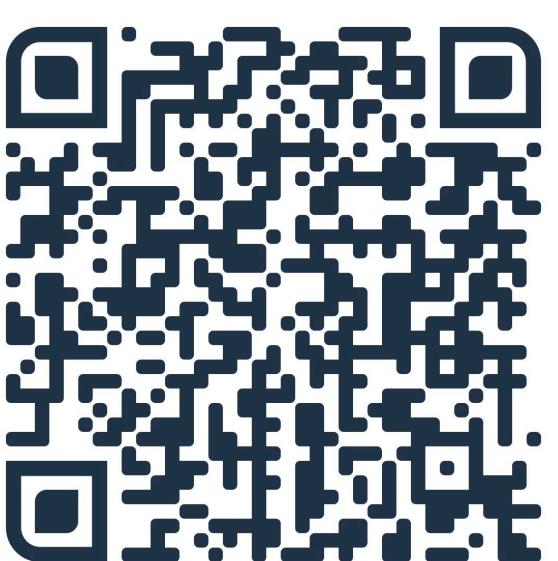### Project Target Audience

- Students and busy individuals
- Patients who take daily medications
- Elderly patients needing medication reminders
- Anyone who needs a simple medication tracking system

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