Project Overview - HeathKeeper

Topic

Design and Development of "HeathKeeper": A Java Application for Patient Monitoring and Medication Management

Objective

To design and develop a user-friendly java application that helps caregivers track vital signs, manage medication schedules, and monitor patients' medical histories, this improving the quality of healthcare and safety for patients under their care.

Project Definition

HeathKeeper is a java application specifically designed for caregivers to support them in their daily responsibilities. The app provides tools to:

- Register and update patient information.

- Record and track daily vital signs (blood pressure, glucose levels, oxygen saturation).

- Manage medication schedules, including reminders for doses and times.

- View patients' medical history.

- Schedule and manage medical appointments.

- Generate detailed health reports.

- Provide multi-role access for different types of users.

The system aims to simplify patient care management and improve patient safety by centralizing critical health data and automating reminders.