

# Project Overview - HeathKeeper

## Topic

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

## Objective

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

## Project Definition

HeathKeeper is a mobile 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.