

Software Requirements Specification (SRS)

HeathKeeper

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Introduction

Purpose

Scope

Overview

We will create a mobile application designed for caregivers, where they can:

- Receive medication reminders (time, dose, and patient name).
- Record whether the medication was administered or not.
- Register and maintain a historical record of daily vital signs measurements such as:
 - Blood pressure.
 - Blood glucose levels.
 - Oxygen saturation.

General Description

Product Perspective

Product Functions

User Characteristics

General Constraints

Specific Requirements

Functional Requirements

Functional Requirement 1

The system shall register patients.

Functional Requirement 2

The system shall record vital signs.

Functional Requirement 3

The system shall manage medications.

Functional Requirement 4

The system shall view medical history.

Functional Requirement 5

The system shall set appointment reminders.

Functional Requirement 6

The system shall generate health reports.

Functional Requirement 7

The system shall multi-role access.

Functional Requirement 8

The system shall send emergency alerts.

Functional Requirement 9

The system shall edit patient data

Functional Requirement 10

The system shall

Functional Requirement 11

The system shall

Functional Requirement 12

The system shall

External Interface Requirements***User Interface*****Appendixes**