Software Requirements Specification

Baby Care System

A System To Make Parents Aware About Vaccinations

Version 2.0

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Team **MCK**

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2. Introduction

2.1 Purpose

The purpose of this document is to outline the requirements for developing **Baby care system** especially for Sri Lanka. Through this system, it aims to make easy day to day works of Midwifes.

2.2 Intended Audience

The Intended audience for this document includes newly married couples, Mothers, and Midwifes that are involved in the project.

2.3 Scope

The scope of this project includes the design, development, implementation and maintenances of the system that send notifications about vaccination dates and vaccination details.

3.   Overall Description

3.1   Product Functions

- Provide a fully automatic system for Public Health Midwifes to inform about baby injection dates to their patients (mothers of baby's) before a week.
- Information about Injections.
- Certificates about Injections.
- A list of Side effects that can occur because of avoiding from injections.

3.2   User characteristics

Midwifes: users who are responsible for providing the service to the mothers and babies.

Mother/ babies: The users who are expecting information about the vaccination dates and vaccination information.

4. System Requirements

4.1 Functional Requirements

Functional requirements describe the specific tasks the system must perform to meet user needs. It includes,

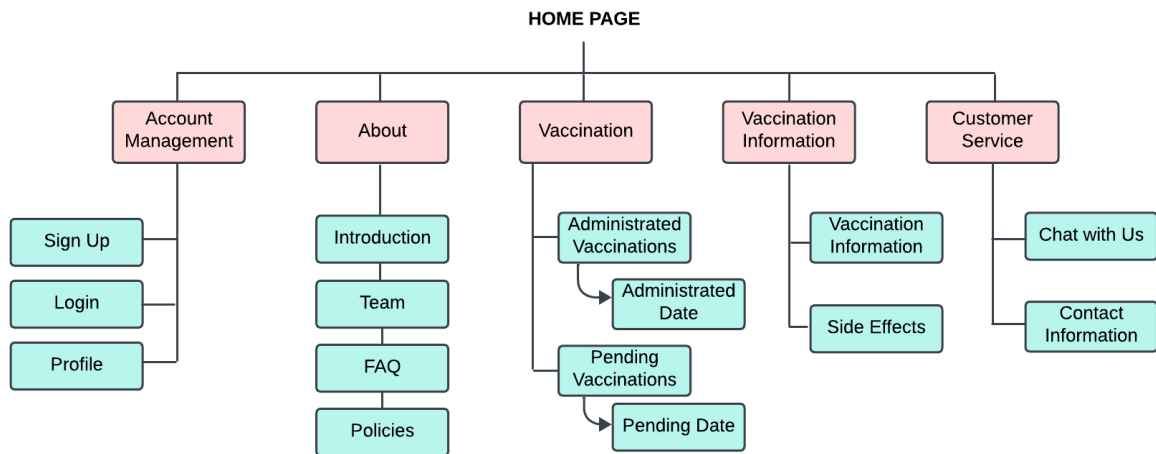- User authentication
- Notification system

4.2 Non-functional requirements

Non-functional requirements indicate scenarios that can be used to test system functionality. It includes,
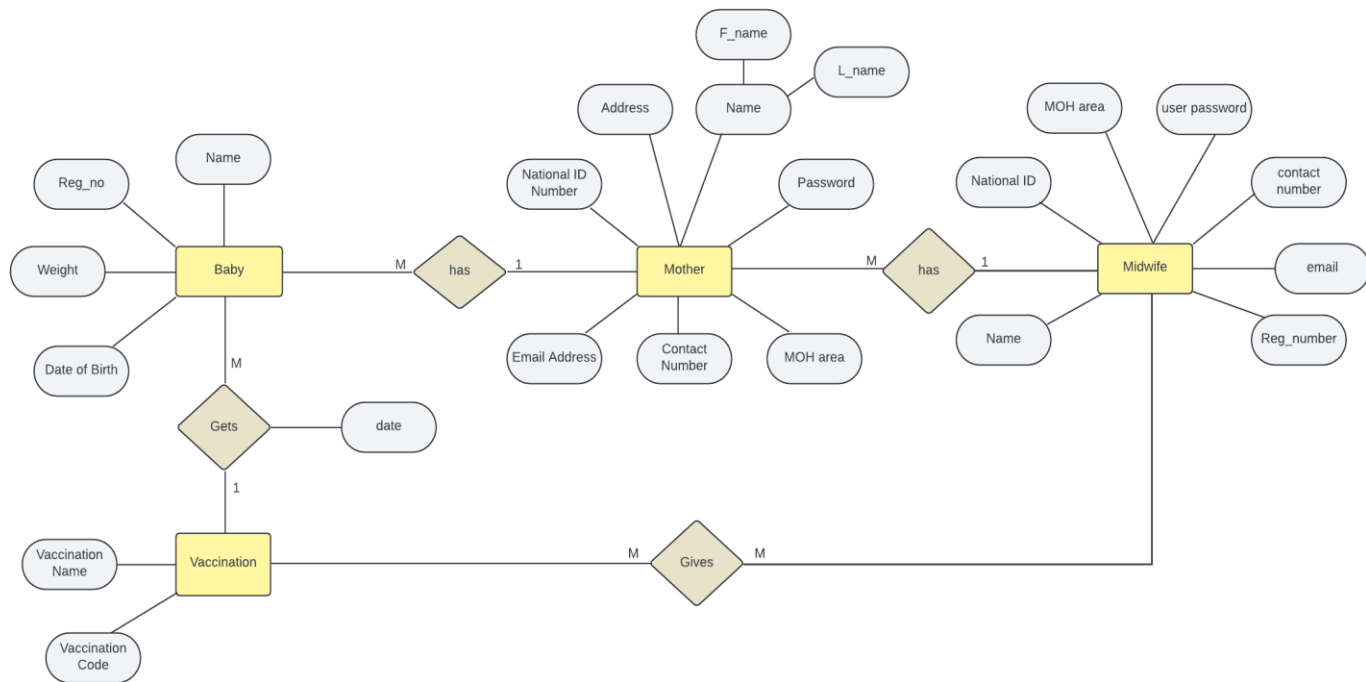
- Security: A proper security system should be used to protect user data.
- Reliability: The system should be reliable with reduced downtime.
- Usability: User interface should be easy to navigate.
- Performance: the system should handle a large number of users at once.

5. System Design

5.1 Site Map

5.2 ER Diagram

5.3 User Case Diagram