Hospital Management System

Vision

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 20/03/17 | <1.0> |  | Emiliana Popa |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Introduction 4

1.1 Purpose 4

1.2 Scope 4

1.3 Definitions, Acronyms, and Abbreviations 4

1.4 References 4

1.5 Overview 4

2. Positioning 4

2.1 Problem Statement 4

2.2 Product Position Statement 4

3. Stakeholder and User Descriptions 5

3.1 Stakeholder Summary 5

3.2 User Summary 5

3.3 User Environment 6

4. Product Requirements 6

Vision

# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the Hospital Management System. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the Hospital Management System fulfills these needs are detailed in the use-case and supplementary specifications.

The introduction of the **Vision** document provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **Vision** document.

## Purpose

The purpose of this **Vision** documentis to describe a client-server application for a hospital.

## Scope

This Vision Document applies to the Hospital Management System, which will be developed by Emiliana Popa. The Hospital Management System will be a website. It will provide a way for patients to avoid wasting time at the doctor and to get an appointment online. Also, it will offer a diagnosis based on the symptoms the patients give online.

## Definitions, Acronyms, and Abbreviations

## References

## Overview

This application will try to help the doctors to manage their appointments better and it will help the patients to get a diagnosis faster.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Managing a hospital |
| affects | The hospitals with lots of patients |
| the impact of which is | People waiting a long time to see a doctor |
| a successful solution would be | An application that helps doctors manage everything. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Hospital managers or doctors |
| Who | Want to work efficiently and manage their work better |
| The (product name) | is a software application/ website |
| That | Helps managing patients better |
| Unlike | Currently available applications |
| Our product | Provides users a simple and efficient way to schedule patients bette |

# Stakeholder and User Descriptions

The project “Hospital Management System” is aimed to develop to maintain the day-to-day state of admission/discharge of Patients, List of Doctors (Consultants), List of medicines, Bills etc. The main objectives are: Keeping records of admission of patient, keeping patient-care as utmost priority, scheduling the appointment of Patient with Doctor (Consultant) to make it convenient for both, diagnose patients.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Software Architect | This stakeholder is a primary lead in the development of the Hospital Manager. | Responsible for overall architecture of the system, and guides overall design and implementation of system. |
| Project Manager | This stakeholder leads development of the Hospital Manager. | Plans, manages and allocates resources, decides priorities, coordinates interactions with customers and users, and keeps the project team focused. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Regular user | patient | Can log in and ask for a diagnosis, can see the bills or to get an appointment |  |
| Administrator user |  | CRUD on patients, on doctors, issue bills, schedule patients |  |

## User Environment

The users will use the application at home or work.The number of people that can use the application is diverse ,depending on the needs of completing different tasks.This number will change constantly.If an administrator is logged in, the time is measured on the operations that he does. An unique constraints can be the internet connection . In our days are used Windows,Linux platforms.

# Product Requirements

To implement this application I will need a computer and choose a programming language that can have a connection with the Sql Server(this will be used for creating a database).