Health System Application
Vision

Version 1.0

Revision History

Date	Version	Description	Author
19/03/2018	1.0	Main ideas and layout of the project ideas.	Bucur Diana

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Vision

1. Introduction

The "Vision" document includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this project.

1.1 Purpose

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

1.2 Scope

The scope of this document is to cover the specifications and functionalities of the "Hospital System Application" developed during the Software Design course at the Technical University of Cluj-Napoca.

1.3 Definitions, Acronyms, and Abbreviations

This information may be found in the project's Glossary.

1.4 References

1.5 Overview

The document at hand highlights the main functionalities and actors involved in the development and usage of the project entitled "Health System Application". It presents a basic description of the product, what problems it is trying to solve and why it would be a good idea to implement an application of this kind. It also describes the environment it is meant to be used in and what kind of target users it has and what features will be provided to them.

2. Positioning

2.1 Problem Statement

The problem of	medical system deficiencies
affects	all patients
the impact of which is	more sick people that do not get the appropriate care and medication in an optimal environment
a successful solution would be	changing the way nurses handle the hospitalization procedures and interact with the patients

2.2 Product Position Statement

For	hospitalized patients
Who	need any kind of medical attention from the nurses
The "Health System Application"	is an administrative application for nurses and patients
That	speeds up the hospitalization process, optimizes the administrative work of nurses and eases the communication between them and patients, keeping them more informed about their health status.
Unlike	any other product existing on the market at the moment
Our product	offers exclusive features to improve the medical system.

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Hospital	The medical institute or clinic in which the application is used	- acquires the application - funds the project for further developments
Doctor	Individual belonging to the medical stuff with the most authority in the institution	- ensures that the system will be maintainable - monitors the project's progress

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Nurse	Admin for hospitalization	- hospitalize new patients - manage medical files - view requests from patients - keep updated health statuses	
Patient	User with no administrative responsibilities	- view medical file - make requests to nurses - view health status - make appointment with doctors	

3.3 User Environment

The main target users for this project would be the nurses and patients of hospitals, clinic or any kind of medical institution, so the environment is constraint to this kind of establishments.

The nurses can use the application in order to fulfill a number of tasks more efficiently, for example fill the hospitalization forms using the user friendly interface that connects to the hospital's database or monitor any kind of statistics and patient activity they need.

Each nurse has a different, unique account which they use to log in with and perform the activities they want. They basically have all the information they need encapsulated in this application that can be accessed anytime. Having the admin rights to change the data related to any patient, these changes affect the database which is common for all employees.

From the patient's point of view, it mainly eases the communication with the nurses, making it more accessible to express at any point any discomfort or problem they need attendance with. Moreover, they can access anytime their medical file and recovery progress, avoiding all the unnecessary paper work or any other formality.

At first, the project is meant to be implemented only as a web application, but in time I think it would be a great idea to become a mobile application also, making it even more reliable and accessible to anybody.

4.   Product Requirements

The project will be a web application, therefore it is enough to have a browser which runs HTML5 and Javascript.