<Patient Guided Assessment System >

Version <1.0>

Revision History

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# Introduction

[The purpose of this document is to collect, analyze, and define high-level needs and features of the <<System Name>>. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the <<System Name>> 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 Vision document has the purpose of clarifying the ideas behind the making of a project: the motives, to whom it may bring something useful and so on.

## Scope

The Vision document is made with the scope of describing the “Patient Guided Assessment System” and the ways in which this project may be impactful for the community.

## Definitions, Acronyms, and Abbreviations

## References

## Overview

This document is organized into two main parts. The first deals with the statement of the problem , containing the reasons for implementing such a system and showing the impact that it can have , while the second one focuses on the users that may benefit from this application (users and stakeholders ).

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Developing a system suitable for the patients that are entering a hospital , not knowing to which department they have to go. |
| affects | The first entities that come to mind are , of course, the hospitals. But the system may also benefit family doctors that want to develop a better idea about the patient that has entered their door. |
| the impact of which is | The hospitals and family doctors will be able to gestionate better their appointments. More than that, patients will understand better the meaning of their symptoms . |
| a successful solution would be | The users will get faster a glimpse of what the problem may be and they will be directed to the department which actually deals with the problem they have. They will also be able to make an appointment as soon as possible. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Hospitals and family doctors. |
| Who | Appointing patients to the right department. |
| The (product name) | Patient Guided Assessment System |
| That | The patients need assistance in fitting their symptoms to the right doctor right away. |
| Unlike | Going to the emergency room, waiting for a few hours,only then being consulted by a generalist doctor or a nurse. |
| Our product | A software that is intuitive to use by people and of which results can be easily consulted by a doctor. |

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# Stakeholder and User Descriptions

[To effectively provide products and services that meet your stakeholders’ and users' real needs, it is necessary to identify and involve all of the stakeholders as part of the Requirements Modeling process. You must also identify the users of the system and ensure that the stakeholder community adequately represents them. This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It does not describe their specific requests or requirements as these are captured in a separate stakeholder requests artifact. Instead, it provides the background and justification for why the requirements are needed.]

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Hospital Administration | The hospital / the clinic can be a regional one (county hospital) or even a more specific one( a clinic of pediatry and cardiology etc. ) | The stakeholder will not be able to perform maintenance on the system , so it might need a developer who is aware of the functioning of the system . On the other hand , the stakeholder is free to use the software for any patient and test it in any way .The hospital administration may want to have specialized medical stuff ready to check if the software has performed accordingly.(it should not necessarily be an autonomous system , it still needs “guidance” sometimes). |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Patient | A patient is a person that comes to the before mentioned stakeholder(to a clinic, a hospital , a family doctor) with a health issue and needs treatment. | The main responsibility of the user is to respond correctly to the questions and to try to recognize the symptoms that are the most proeminent.(headache, fever etc.) | The stakeholder may (and should) sustain the user into entering correct data regarding his symptoms and his measurements( pulse etc). It is , after all , the stakeholder’s interest to receive a correct output. |

## User Environment

The number of people completing the task may vary between 1 and 2 ( usually not more than that). The patient should be assisted by a medical representative, but in other case he is able to use the application on his own.

The total time spent on the application should not exceed 3-4 minutes . But it might vary.

There should be no unique environmental constraints . The system should be placed inside the clinic/hospital, ready to be used.

The system does not have to integrate with any other applications and can be easily used on his own .

# Product Requirements

The main and most important requirement will be an electronic device , placed near the entrance of the hospital/clinic, on which the user will be able to enter the required data.