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**MedPat: a Doctor – Patient platform
Vision**

Version 1.0

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Revision History

Date	Version	Description	Author
20.03.2018	1.0	First rendition	Turcu Lucian Andrei

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1. Introduction

1.1 Purpose

This document has the purpose of identifying, examining and defining the features and high-level requirements of the Doctor – Patient platform. It will focus on the functionality required by such an application and the means through which it is fulfilled. These means will be detailed in the use-case and supplementary specifications.

1.2 Scope

The document is associated to MedPat, a mobile platform designed to facilitate the communication between patients and their doctors. It will be built to run on the Android smartphone operating system. Using it, doctors will be able to easily manage appointments and keep their patients up to date with all their medical needs and recommendations. The patients will be able to make appointments and request remote consulting. Also the application will provide a database of medical articles so patients could read more about their medical conditions.

2. Positioning

2.1 Problem Statement

The problem of	Doctors having a hard time managing the needs of multiple patients, some of them remote.
affects	Doctors and their patients
the impact of which is	Misunderstandings, miscommunication, missed appointments.
a successful solution would be	An easy to use platform that can run on any smartphone and provide means to make and track appointments, track prescriptions, track patient-measured vitals etc.

Product Position Statement

For	Doctors and patients
Who	Wish for a means to facilitate their interaction
The MedPat platform	is a software application
That	provides means to make and track appointments, track prescriptions, track patient-measured vitals or set medication reminders.
Unlike	Other similar projects
Our product	Is designed to be lightweight, free and compatible with most Android phones.

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3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Below is the list of non-user stakeholders that would be interested in the project. (The users are summarized in section 3.2.)

Name	Description	Responsibilities
Student	This stakeholder is responsible with doing his assignment.	Creates a design, writes documents, writes code, tests the product.
Teacher Assistant	This stakeholder supervises the student.	Checks documents and implementations.

User Summary

Name	Description	Responsibilities	Stakeholder
Doctor	End user.	Manages appointments, writes prescriptions, offers consulting.	Self
Patient	Primary End user.	Makes appointments, requests consulting, reads articles in the provided database.	Self

3.2 User Environment

1. The application will be used by:
 - a) Doctors managing their patients' medical needs and keeping track of appointments.
 - b) Patients requiring the help of a doctor or more information in about their condition.
2. MedPat will be used:
 - a) At home
 - b) At the medical cabinet
 - c) Any other location, if need arises

As it is built with speed in mind, a normal usage session should not take longer than 10 minutes for either the doctor or the patient. The session involves a single user.

The application will use the Google calendar for appointment tracking, to make it easier to check the doctor's free hours. If the feature makes into the final build, the application will also implement Google maps, to provide directions to a medical center.

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4. Product Requirements

- A server to hold the database containing users and other data. The database engine is SQL.
- A smartphone running on Android OS. The hardware requirements are negligible.
- A stable internet connection.