# Introduction

Team Pharamcon has been approached by a *hospital pharmacist* to develop an application that will aid in the tracking of wastage and errors. The application will be called *Pharmacon Track*,error tracking will be done via the Android operating system as well as a web interface. Reviewing of errors will be done solely through a web interface.

## 1.1 Purpose

The purpose of this document is to define all the business goals for Team Pharamacon.

## 1.2 Scope

This document will discuss the problems currently faced by hospital pharmacist in relation to error tracking. It will show the proposed solution as well as the system architecture needed to achieve the desired solution.

## Definitions, Acronyms, and Abbreviations

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| --- | --- |
| Item | Definition |
| Android | A mobile operating system developed by Google that is widely used on smartphones and tablets |
| App | An application |
| Web App | An application that has been developed specifically to be utilized through a web interface |
| Backend | A collection of programs running on a computer system that handles request to the “server”. Responsible for storing data and generating web pages. |
| Frontend | The part of the program users will interact with. The frontend can be provided through many mediums |
|  |  |
|  |  |

## References

## 1.5 Overview

This document will next explain the positioning of *Pharmacon Track* stating the business opportunity, problem statement and product position statement. Following that will be the stakeholder and user descriptions. This will go into the market demographics, stakeholder summary and more. Next will be a product overview which will explain the perspective of the product, a summary of its capabilities, assumptions and cost and licensing. Finally, the product features will be discussed, followed by the constraints and the quality ranges.

# 2. Positioning

## 2.1 Business Opportunity

In the busy world of hospital pharmacist, it can become quite difficult to remember to record any errors that may occur. Tracking errors that occur can help identify and deficiencies in procedures and any written instructions. However, as it stands tracking errors can be quite tedious, leading staff members to forgo the process of logging any that occur. To this end, Pharmacon will develop a system that will allow for easy error tracking as well as allow for simple consumption of data through the use visualizations.

## 2.2 Problem Statement

As stated before it is quite tedious to track and errors that may occur for hospital pharmacist. The current method involves inputting data in a spread sheet. This does not allow for easy sharing of data. One spreadsheet, one computer. This means that if the computer with the spreadsheet is currently in use then the pharmacist must remember the error that occurred and enter the error later. Pharamcon will design a system that will allow the error to be entered across multiple machines, removing the need to rely on a solitary system. In addition to having multiple places to input data the system will also be much quicker to input data. These features will make it less tedious to enter errors.

## 2.3 Product Position Statement

*Pharamcon Track* is being designed for *Hospital Pharmacist.* They require a method to allow them to easily track any medicinal errors that occur in the day to day operations. A method for visualizing the data about errors is also required. The system to be provided will allow for errors to be easily entered and the resulting data to be analysed through visualizations.

# 3. Stakeholder and User Descriptions

## 3.1 Market Demographics

## 3.2 Stakeholder Summary

## 3.3 User Summary

## 3.4 User environment

## 3.5 Stakeholder Profiles

### 3.5.1 <Stakeholder Name>

## 3.6 User Profiles

### 3.6.1 <User Name>

## 3.7 Key Stakeholder or User Needs

## 3.8 Alternatives and Competition

### 3.8.1 <A Competitor>

### 3.8.2 <Another Competitor>

# 4. Product Overview

## 4.1 Product Perspective

## 4.2 Summary of Capabilities

## 4.3 Assumptions and Dependencies

## 4.4 Cost and Pricing

## 4.5 Licensing and Installation

# 5. Product Features

## 5.1 <aFeature>

## 5.2 <anotherFeature>

# 6. Constraints

# 7. Quality Ranges

# 8. Precedence and Priority

# 9. Other Product Requirements

## 9.1 Applicable Standards

## 9.2 System Requirements

## 9.3 Performance Requirements

## 9.4 Environmental Requirements

# 10. Documentation Requirements

## 10.1 User Manual

## 10.2 Online Help

## 10.3 Installation Guides, Configuration, and Read Me File

## 10.4 Labeling and Packaging

# A. Feature Attributes