# 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 Tracker*,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.

# 2. Positioning

## 2.1 Problem Statement

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| --- | --- |
| The problem of | Reliably tracking errors easily |
| affects | All hospital pharmacists |
| the impact of which is | Errors not being logged correctly or at all |
| a successful solution would be | A system that would allow hospital pharmacists to easily and quickly track errors |

## 2.2 Product Position Statement

|  |  |
| --- | --- |
| For | Hospital pharmacist |
| Who | Need to track errors made in medicinal deliveries |
| The “Pharamcon Tracker” | Is a web and Android application |
| That | Provides an easy and efficient method for entering data |
| Unlike | Spreadsheets which are slow and limited to one computer |
| Our product | Can be accessed via Android tablets and web interfaces removing the limiting factor of one computer and is extremely quick compared to filling out spreadsheets. |

# Stakeholder Descriptions

### Stakeholder Summary

| **Name** | **Description** | **Responsibilities** |
| --- | --- | --- |
| Hospital Pharmacist | Control drugs and medicines in hostpital. Main user of the system | * Responsible for distribution of drugs and medicines throughout the hospital * Responsible for tracking any errors made in drug distribution |
| Data Reviewer | The person who looks at the results of the data gathered about errors | Responsible for gathering information about errors gathered by the system. |
| Team Pharmacon | The project developers | * Responsible for developing the project * Responsible for communicating with client |
|  |  |  |

## 3.2 User Environment­

In the current environment every pharmacist is responsible for tracking errors they make. They are required to go to a specific computer that has a spreadsheet on it and enter the data in that spreadsheet. If the computer is in use, then they must wait until it is free. Once they get on the computer then they must open-up the file, scroll to the end and then finally add the error. While this is simple having to do it sometimes many times in one day makes a simple routine tedious. *Pharmatrack* will combat these issues by firstly, allowing errors to be entered across many machines. Next, *Pharmatrack* will make it extremely simple and streamlined to enter errors. By providing an interface that requires minimum interactions to complete pharmacist will no longer find error entering tedious.

*Pharmatrack* will be able to provide data visualization so the pharmacist can easily see what causes errors. These visualizations may be needed in reports. To facilitate this, users will be able to export any visualization to an image file that they can then import into a presentation or report.

# Product Overview

## 4.1 Needs and Features

|  |  |  |  |
| --- | --- | --- | --- |
| **Need** | **Priority** | **Features** | **Planned Release** |
| Ability to track errors | High | A streamlined flow that will allow adding and storing of errors | V 0.1 |
| Ability to amend recorded errors | High |  |  |
| Ability to view errors in a spreadsheet program | Medium | An option to export all data to a spreadsheet filetype. |  |
| Create, update and delete contacts from the mailing list | Medium |  |  |
|  |  |  |  |

# Other Product Requirements

|  |  |  |
| --- | --- | --- |
| **Requirement** | **Priority** | **Planned Release** |
| Online manual | High | V1.0 |
| 99.999% Uptime | High | All |
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