# 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** |
| --- | --- | --- |
| [Name the stakeholder type.] | [Briefly describe the stakeholder.] | [Summarize the stakeholder’s key responsibilities with regard to the system being developed; that is, their interest as a stakeholder. For example, this stakeholder:  ensures that the system will be maintainable  ensures that there will be a market demand for the product’s features  monitors the project’s progress  approves funding  and so forth] |

## 3.2 User Environment

[Detail the working environment of the target user. Here are some suggestions:

Number of people involved in completing the task? Is this changing?

How long is a task cycle? Amount of time spent in each activity? Is this changing?

Any unique environmental constraints: mobile, outdoors, in-flight, and so on?

What other applications are in use? Does your application need to integrate with them?

This is where extracts from the Business Model could be included to outline the task and roles involved, and so on.]

# Product Overview

## 4.1 Needs and Features

[Avoid design. Keep feature descriptions at a general level. Focus on capabilities needed and why (not how) they should be implemented. Capture the stakeholder priority and planned release for each feature.

Remember: a NEED is something the business needs to do – it is a business capability. Noone NEEDS a website – what they NEED is a universal way to communicate with their customers. A website is an architectural mechanism that provides the FEATURE of universal accessibility.

A NEED is a problem – a FEATURE is a solution. Don’t get them mixed up.

Needs should be consistent with the functional requirements as expressed in the Use Case Model – a document which should generally accompany the Vision document.

Features are characteristics of the software that support or enable those use cases to be enacted.]

|  |  |  |  |
| --- | --- | --- | --- |
| **Need** | **Priority** | **Features** | **Planned Release** |
|  |  |  |  |

# Other Product Requirements

[At a high level, list quality characteristics and application constraints. Quality characteristics include things like security, availability and reliability requirements. Constraints include, applicable legislative or safety standards, hardware, or platform requirements; and environmental requirements.

Define the quality ranges for performance, robustness, fault tolerance, usability, and similar characteristics that are not captured in the Feature Set.

Note any design constraints, external constraints, assumptions or other dependencies that, if changed, will alter the **Vision** document. For example, an assumption may state that a specific operating system will be available for the hardware designated for the software product. If the operating system is not available, the **Vision** document will need to change.

Define any specific documentation requirements, including user manuals, online help, installation, labeling, and packaging requirements.

Define the priority of these other product requirements. Include, if useful, attributes such as stability, benefit, effort, and risk.]

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| --- | --- | --- |
| **Requirement** | **Priority** | **Planned Release** |
|  |  |  |