

# MEDICINE MONITORING SYSTEM

## Project Abstract

Version 1.0



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## 1.0 Purpose of this document

This document provides an overview about the business need and the solution that can be provided to fulfil the objective.

## 2.0 Business Case

An all-inclusive pharmacy management tool is necessary for seamless operations of an enterprise pharmacy company. Centralized inventory management to avert expiry of medicines & drugs – which also helps to oversee product burnout at different branches of the pharmacy and be supplied with relevant medicines & drugs from the inventory to the branch. This also helps to avert non-availability of medicines at a branch store at any given time.

The solution developed will address the objective in a holistic manner and will have all the features and functionalities which shall let the hospital be able to record & assimilate live inventory data from the branch stores and trigger the need to supply necessary drugs & medicines to the branch store that is running out of stock.

## 3.0 Technologies Recommended

Front End	Java (HTML5, CSS3, JavaScript, Angular)
Middleware	Java (Spring, Spring MVC, Hibernate MVC, WEB API2)
Backend	Oracle/SQL Server

## 4.0 Hardware and Software Requirements

Technology	Hardware	Software
Java	Desktop PC with 8GB RAM	<ol style="list-style-type: none"><li>1. Node.js 10.15.1</li><li>2. Angular 5.0</li><li>3. Visual Studio Code 1.30</li><li>4. Eclipse IDE for Java EE Developers (Oxygen)</li><li>5. Maven 3.6.0</li><li>6. Tomcat 9</li><li>7. MySQL Community Server 8.0</li><li>8. MySQL Workbench 8.0.14</li><li>9. Putty</li><li>10. WinSCP 5.9.4</li><li>11. Oracle 11g express version</li></ol>

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## **6.0 References**

## **7.0 Change Log**