

# Hospital Management System

## Project Abstract

Version 1.0



	Prepared By / Last Updated By	Reviewed by	Approved By
Name	Cognizant Academy		
Role			
Signature			
Date			

## **Table of Contents**

<b>1.0</b>	<b>Purpose of this document</b>	<b>4</b>
<b>2.0</b>	<b>Business Case</b>	<b>4</b>
<b>3.0</b>	<b>Technologies Recommended</b>	<b>4</b>
<b>4.0</b>	<b>Hardware and Software Requirements</b>	<b>4</b>
<b>5.0</b>	<b>Terms and Conditions</b>	<b>5</b>
<b>6.0</b>	<b>References</b>	<b>5</b>
<b>7.0</b>	<b>Change Log</b>	<b>5</b>

## 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

A comprehensive healthcare management is necessary to drive a thriving enterprise. Hospital management needs to provide a robust framework to assure seamless daily operations at the enterprise level, which integrates the data from different departments within the hospital.

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 data from the patients, doctors, lab diagnosis and correlate the data with the patient's visit history. Parameter based search algorithm & transfer of patient records are scalable features.

## 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>

## **5.0 Terms and Conditions**

Interns shall be solely responsible for all its acts and omissions under this program. Interns will comply at all times with all applicable laws. Interns shall not use Cognizant's name, logo and trademark in any promotional materials or other communications with third parties without the prior written consent of Cognizant. Any materials used by interns in relation to program will not infringe the copyrights, trademarks, patents, trade secrets or other intellectual property rights, privacy or similar rights of any person or entity. Interns agrees not to post, draw, make, display any content that is threatening, libelous, obscene, defamatory, abusive, pornographic, or advocates/encourages any conduct that could constitute a criminal offence or give rise to any civil liability. Cognizant its associates' personal details including but not limited to name, address, contact number shall not be shared or forwarded to any third party, without prior written consent of Cognizant, its associates. All intellectual property provided by Cognizant as part of program shall be owned exclusively by Cognizant. Intern shall indemnify, defend and indemnify Cognizant its associates, officers, directors from and against any claims, demands, loss, damage, liability, causes of action, judgments, or costs and expenses of every nature (including attorney's fees and expenses) incurred by Cognizant based on any claim that any breach of terms and conditions of this program.

## **6.0 References**

## **7.0 Change Log**