

VEHICLE REGISTRATION SYSTEM

Project Abstract

Version 1.0



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Table of Contents

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

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 vehicle rental management tool is necessary for seamless operations of an enterprise rental company. Centralized inventory management is required to alert expiry of vehicle insurance, adherence towards scheduled maintenance & notification towards ageing vehicles. This also helps to oversee vehicle in use at different branches of the company and be supplied with revised models of the vehicles from the central inventory to the branch. This also helps to avert non-availability of vehicles 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 fleet management company be able to record & update the vehicle details along with their insurance details. The application will also run batch jobs to alert the admin on the expiry of the vehicle insurance to ensure the Vehicles moving out are 100% checked and approved.

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">1. Node.js 10.15.12. Angular 5.03. Visual Studio Code 1.304. Eclipse IDE for Java EE Developers (Oxygen)5. Maven 3.6.06. Tomcat 97. MySQL Community Server 8.08. MySQL Workbench 8.0.149. Putty10. WinSCP 5.9.411. Oracle 11g express version

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6.0 References

7.0 Change Log