ON-ROAD ASSISTANCE APPLICATION

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

With new vehicular addition to the roads each day, the traffic density has been creeping significantly. With increasing traffic, there has also been a strong pattern of tourist spot exploration by using their personnel vehicle. This causes more dependence on roadside assistance should there be a situation of vehicular breakdown, fuel insufficiency or accident. A mobile app, which shall let the users to request for an on-road assistance will be a game changer to the automobile industry.

The solution developed will address the objective in a holistic manner and will have all the features and functionalities which shall let the portal allow a customer to perform a location based search, browse by the nature of service offered and contact info. This shall allow the mechanic to accept the request from the customer and a real time navigation can be performed. Customer rating for the service will be an added feature.

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	1. Node.js 10.15.1 2. Angular 5.0 3. Visual Studio Code 1.30 4. Eclipse IDE for Java EE Developers (Oxygen) 5. Maven 3.6.0 6. Tomcat 9 7. MySQL Community Server 8.0 8. MySQL Workbench 8.0.14 9. Putty 10. WinSCP 5.9.4 11. Oracle 11g express version

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6.0 References

7.0 Change Log