MES COLLEGE OF ENGINEERING, KUTTIPPURAM
DEPARTMENT OF COMPUTER APPLICATIONS
20MCA246 – MAIN PROJECT

PRO FORMA FOR THE APPROVAL OF THE FOURTH SEMESTER MAIN PROJECT

(Note: All entries of the pro forma for approval should be filled up with appropriate and complete information. Incomplete Pro forma of approval in any respect will be rejected.)

Main Project Proposal No : _____
(Filled by the Department)

Academic Year   : 2021- 22

Year of Admission   : 2020

1. Title of the Project   : On Road Vehicle Breakdown Assistance (ORVBA)

2. Name of the Guide   :   PROF. K P BALACHANDRAN

3. Student Details (in BLOCK LETTERS)

Name	Register Number	Signature
ABHIJITH M	MES20MCA2002	

Date:

Approval Status :   Approved / Not Approved

Signature of
Committee Members ⎭

Comments of the Guide   Dated Signature

Initial Submission   :

First Review   :

Second Review   :

Comments of the Project Coordinator   Dated Signature

Initial Submission:

First Review

Second Review

Final Comments :

Dated Signature of HOD

Introduction

On Road Vehicle Breakdown Assistance (ORVBA) is a mobile application is going to be a good solution for the people who seek help in the remote locations with mechanical issues of their vehicle. Users of the On Road Vehicle Breakdown Assistance will be the registered public and they be getting connected with the particular mechanic through the trustworthy On Road Vehicle Breakdown Assistance (ORVBA) system. Because only the legally and approved mechanics are enlisted in the On Road Vehicle Breakdown Assistance (ORVBA) system. Also they are under monitoring by the ORVBA system for not charging any extra service fee from the users as every user is updating their feedback about the availed service through ORVBA system.

Objectives

The On Road Vehicle Breakdown Assistance (ORVBA) provide better service and not charging any extra service fee from users. Experienced mechanic service will available in this system.

Problem Definition

Here the users of On Road Vehicle Breakdown Assistance (ORVBA) system can search for list of mechanic at any location or the nearby locations which will help them in an unexpected situations raised by the mechanical issues of their vehicles. Only the licensed mechanics can get listed here while the search. And there are available mechanic who can come and repair the mechanical issues in the users vehicle.

Basic functionalities

MODULES
- User
- Admin
- Mechanic

USER

- Register
- Login
- Search Mechanic Details
- View Google geo location
- Post feedback
- My profile

ADMIN

- View mechanic details
- Provide Approval

MECHANIC

- Register
- Login
- Post Business
- Manage Business
- View feedback

Tools / Platform, Hardware and Software Requirements:

Hardware Requirement:

Processor   :   Intel 3

Installed memory (RAM)   :   4 GB

Hard Disk   :   500 GB

Operating System   :   Windows 7,8,10 - 64 bit

Software Requirement:
Front End: Flutter

Back End: PHP, MYSQL

Control End: Angular Java Script