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 : Fuel Delivery On Demand Application
2. Name of the Guide : Mr. Muhammad Jabir C
3. Student Details (in BLOCK LETTERS)

Name	Register Number	Signature
SOORAJ M	MES20MCA-2052	

Date: 16/04/2022

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:

Due to the growth of vehicles, fuel consumption became more. In existing system, unfortunately, if vehicle stops due to lack of petrol, it will be very hard for the owner to push the vehicle to the nearest petrol pump. In this case the proposed application can be used to deliver the fuel to those who need to refuel vehicles at any location or nearby location at any time. The ones who needs fuel can place an order using this application.

Objectives:

The purpose of the project is to design a mobile application for refuelling vehicles by placing order in this application.

Problem Definition:

At current situation it is very hard that People should push the vehicles or get help to reach nearest fuel station. In the above method time and manual work is done by owners of the vehicle. For some aged people or medically ill people it will get even hard.

The Fuel Delivery On Demand Application helps the end user to select type of fuel required, order and get the fuel in the place they are standing, which makes the process easier for the user.

Basic functionalities:

MODULES

- Admin
- User
- Fuel Station Manager

User

- Register
- Login
- Search Fuel Station
- Place order
- Make Payment
- Get Delivery

Fuel Station Manager

- Register
- Login
- Add/Delete Fuel Station
- Receive Order
- Approve Status

Admin

- Login
- Verify fuel Station

Tools / Platform, Hardware and Software Requirements:

Hardware Requirement:

Processor : Intel i3

Installed memory (RAM) : 4 GB

Hard Disk : 500 GB

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

Software Requirement:

Front End: Flutter

Back End: Python, MYSQL

Control End: Angular Java Script