Fuel Anytime Anywhere

Problem statement: The culture of electric cars and vehicles is not yet developed in our country. Thus, people face "**shortage of fuel**" or "**low on fuel**" type situations very often during their travel on highways or/also in their daily life.

Mobile App Objective(s): To build a mobile application to tackle the above-mentioned situation, to fulfill the "**on-demand-fuel-requirement**" of the user by reaching to their current location and provide them the desired fuel with desired quantity in a secured small tank or by a mobile fuel pump with proper preventive measures and technical support.

Main Idea / Working:

1. Everything in this application will start from the User's **Registration**, after successful registration a confirmation mail will be sent to the user to validate the user's credibility.

2. After successful registration, the **Username** and **Password** for **Login** will be sent. Once successfully logged in, the user will be redirected to the dashboard.

3. In the dashboard, the current location of the user will always be visible and along with that there will be two main buttons-cum-options in dashboard, **Search nearest filling station** or **Low on fuel Ask for help****, and an option named **Extras**.

   ** It will be the choice of the user to visit the filling station or to contact us for help.

4. On choosing **Search nearest filling station**, a navigation-cum-map will be available on the screen showing various filling stations according to the user's current location.

5. On choosing **Low on fuel Ask for help**, some basic details like location, quantity of fuel, type of fuel will be asked from the user, then according to the prescribed rates of that particular date, the total Amount will be autocalculated and there will be an option for payment.

6. After successful payment, the user will be redirected to a new activity showing order confirmation with an option to **Track your order**. Meanwhile, the detailed invoice will be mailed to the user after order confirmation.

7. **Track your order** option will provide the real time navigation to the user, of the company agent along with the agent's contact number with the estimated delivery time.

8. The **Extras** feature available on the dashboard will be present in every trailing activity and will contain a few cards regarding various important contacts numbers like Ambulance, Police etc. along with the **Emergency Contact Number** (same as the one which the user provided during registration).

Product and Technical Specification:

Platform – Android (5.0+) Phones / Android (6.0+) Tablets
Database – MySQL
Technologies Used – Django, Android Studio
Server – Apache (Localhost)

Monetization Model: In the initial stage, we're working and researching on this model, to devise an efficient way to connect with various oil companies and users, and facilitate both of them simultaneously.
Delivery charges will be applied on each order depending upon the location and quantity of the fuel to compensate the transportation and other expenses and also to generate some profit.

List of Features:

Sign-up and Login
Splash screen
Navigation
Forms
Shopping carts and Payments
Email integration
Location integration
Push notifications
Native maps
Device hardware access
App analytics

User Journey / Flowchart:

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© 2020 Fuel Anytime Anywhere

Login here

Email

Password 👁

LOGIN

or

REGISTER

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Signup Form

Name

Username

Gender: ○ Male ○ Female

Mobile Number

Email

Password

Confirm Password

REGISTER

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| My Profile |
| Settings |
| Logout |

Welcome,
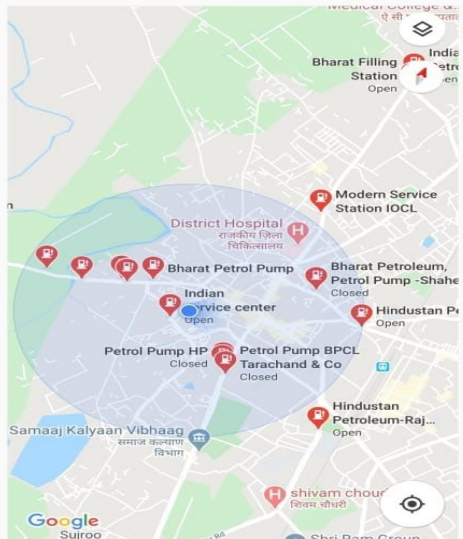Archit!
Your Location:

NEAREST PETROL PUMP

LOW ON FUEL

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Nearby Petrol Pumps

According to your Location:

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Confirm Order

Order Details:

Location:

○ Checkpoint

○ Other

Quantity:

0.00 Litres

Amount: ₹0.00

PAY

Order Confirmed

Order Details:

Name: Archit Mittal

Location: 27 North East Road, Muzaffarnagar, UttarPradesh

Quantity: 3L

Amount: ₹250

TRACK YOUR ORDER
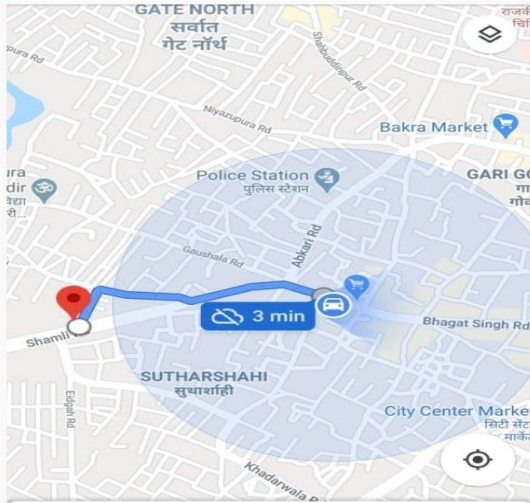

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Order Details:

Comapany : Bharat Petroleum

Agent Name: Harsh Pandey

Agent Number: 9956968663

Tank Number : UP70AQ3479

3 min

Estimated time of arrival : 5 min

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Extras:

Emergency Contact Number
Kaustubh Pandey
9956968669

Nation Highway Helpline
Highway Authority
1800-11-6062
Helpline
1033

Medical Helpline
108
Ambulance
102
Police
100