

ASSIGNMENT

It seems these days there is huge traffic problem.

If you look closely to this problem, you will see mostly there is only one person travelling in single car, instead if a person does carpooling within his own route he might share his cost and also reduce the traffic on the road as he will be carrying 3 more people at a time.

Problem Statement

You need to build a system which allows such commuters to login. After which user can search for source and destination location and view list of car owners who are travelling on same route. User can also request to car owner for ride. On clicking confirm just show confirmation message. (Screens for car owner part is not required. Just consider commuter without car and build screens for it).

Create dummy APIs no need to create Database.

Use front-end technologies like Angular 2+, React, and for dummy APIs Node, PHP, Java.

Partial mockups are attached with this document.

Also, the designs are for desktops, please extend same design elements to make it responsive.

Good to have


- Real-time update of list of drivers on search page if location is changed in dummy API.
- Show location of car owner to commuter with icon on map through dummy coordinates for assignment purpose.
- Material design implementation.
- Good semantic markup structure and logical flow of DOM elements.

Do get in touch if you have any queries.

Keep scrolling for mockups.

APP MOCKUPS

LOGIN

 **LOGIN TO APP**

Username

10-digit mobile number or email ID


Password

[FORGOT PASSWORD?](#)

LOGIN

Don't have an account? [REGISTER NOW](#)

Commuter: Registration

 **REGISTER WITH APP**

Full Name

enter your firstname & lastname

Email ID

enter your email ID

Mobile Number

enter your 10-digit mobile number

Password (min 6 characters)

set your password

Re-enter Password

re-enter your password


Car Model


name of the car you have

REGISTER

Already have an account? [LOGIN NOW](#)

Commuter: Location Search

 PICK A RIDE





Start From

Koramangala

Destination

Whitefield




 **John Doe** 6 min(s) away

route: Koramangala to Whitefield

car: Polo seats available: 3

4.5

★


 **John Doe** 6 min(s) away

route: Koramangala to Whitefield

car: Polo seats available: 3

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 **John Doe** 6 min(s) away

route: Koramangala to Whitefield

car: Polo seats available: 3


4.5


★

CONFIRM RIDE

Commuter: Location Search Selected

Notifications need to be made extending same design.

**PICK A RIDE**





Start From

enter start location


Destination

enter destination





**John Doe** 6 min(s) away4.5 | ★

route: Koramangala to Whitefield
car: Polo seats available:3


**John Doe** 6 min(s) away4.5 | ★

route: Koramangala to Whitefield
car: Polo seats available:3




**John Doe** 6 min(s) away4.5 | ★


route: Koramangala to Whitefield
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CONFIRM RIDE