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## Major project

We are going to create a Ride sharing website. However it is not like any other ride sharing website. In here the ride sharing will be apartment based, means that the user first has to select the apartment to choose the ride.

### Application Flow:

User first registers. He has to select his apartment (mandatory) which should come in the listing. If the apartment is not in the listing then he cannot continue further. Display a message saying that "Your apartment is not in the list. Mail to the site admin to list your apartment."

Once the user is registered, he can then go to the home page and search for rides. The rides are accounted only for places within the city.

### Following are the features the site should contain

1. Searching for rides refer to <https://www.blablacar.in/>. The difference is that the user has to select the city and apartment both.  
Once the search is done it should list all the people and their timings going to the particular locality. It should show the user picture, Facebook link, Number of seats left, car type and the expected price.
2. On clicking on the details of the ride it should display the full details with end user picture, Facebook link, Number of seats left, car type, user profile link, user comments about his travel plan and apartment details(i.e. apartment no for which he is owner or rented in) and a **book ride** button.
3. On clicking the book ride will open a popup. The popup will ask the no of seats, your full name and additional comments.  
On clicking book, it should book the ride.  
Note that the user who posted the ride details should get a mail showing him the details of your booking
4. The user should be able to create a ride. The button should be available in the user dashboard. On clicking "book a ride", a new page should open. It should ask the apartment name, an autosuggest field (note that only available apartments should come), trip type (recurring or one time).  
If you click on one time, it should show starting point (apartment name), ending Destination. You can optionally add additional localities that you pass through, date and time.  
If you click on round trip, then the return date and time should be there too.



5. If you click recurring dates, then it should show a calendar and show the days in the week that it recurs. Optionally a calendar will be displayed where dates in the calendar can be selected for the dates its recurring. Next you can click and the ride is made available.
6. A profile page should be there which contains personal details that can be modified. Photo gallery where photos of your rides can be kept.

### Admin section.

The admin section should have option to add apartments. In add apartments, you should have

1. apartment name
2. apartment address
3. locality
4. city



### Project Technologies to be used:

- 1)Note that the project front end should be made in HTML5, CSS and CSS3.  
The front end should be made in AngularJS. The backend should be made in nodejs or anyserver side of your choice should do.
- 2)Note that you should not use Angular module ngRoute but Restangular which is a better library for routing
- 3)You should write unit test for every code and run using karma
- 4)You should create E2E tests for the code you write.

