**Frontend Interview Assignment**

**AngularJS Problem Statement**

1. Create a view for add employee with below fields with native angular validations
2. First name ( text field )
3. Last name ( text field )
4. Designation ( select field )
5. Age( number field )
6. Add button

2. Create another view for show list of added employees in table

2.1 Table should contain below columns

1. Name
2. Designation name,
3. Age
4. Actions

2.2 Actions should be edit and remove buttons

2.3 If user clicks on edit button should go to edit employee page

2.4 If user clicks on remove button row should be deleted

3. Create another view for edit employee

3.1 Pre fill all the fields of the selected employee

3.2 Save the edited details and redirect to list of employee view

**Validations:**

1. First name and Last name should be allowed only characters
2. Age should be greater than 18 and less than 60

**Data:**

1. Designation options
2. Assistant Manager
3. Manager
4. Software Engineer 1

**Guidelines:**

* Use browser storage for storing employees data
* Use any css framework
* Routing is recommended

**JS Problem Statement**

Create a Rider Entity with below data:

1. rider\_name, rider\_id & status as properties
2. createRider method

Create a Ecom Entity inheriting from Rider Entity with below data:

1. Order id and priority (1, 2, 3 etc) as properties
2. createOrder method
3. allocate method

riderStatus method with below logic:

1. Use this as a callback to update the rider status after calling the allocate method
2. Status values can be: Available & Busy

**Problem:**

1. Rider & Ecom Entity can be a Function or Class
2. Create multiple riders and orders
3. Allocate method should return order id, order name, rider\_id and rider name, where orders should allocate to riders based on priority (1 is the highest priority)
4. Order should not be reallocated ie assigned to multiple riders
5. Only 1 order can be assigned to 1 rider