



Full Stack Developer Interview

Job Title: Full Stack Developer
Department: Software
Test Duration: 16 Hours

Location: Panaji

Introduction

Create a website to List and Create Projects as explained in the below requirements. Share a link to the application and also share the code using github repository.

Technology Preference

Backend : Node JS

Front End : React or Angular

Database : MySQL or PostgresQL

Assumptions : Feel free to use dummy data wherever necessary

Requirements

Screen 1:

Design a Project Dashboard page as below

PROJECTS (1017)

Refresh Filter Search Project Here... CREATE NEW PROJECT

Project School	Project College	Project University	Project City	Project Bajaj	Project...
20 Number of Forms	100 Number of Forms	17 Number of Forms	12 Number of Forms	22 Number of Forms	1!
08	312	05	04	09	0:

[View All Projects](#)

Project School

Last Updated: 05 Jun

Created On: May 28, 2018

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

[View More...](#)

[+ ADD TO GROUP](#)

Forms Users

[ADD NEW FORM TO PROJECT](#) Search Forms Here...

☐ Select All Refresh Filter [View All](#)

Forms	Shape	Reminder
<input type="checkbox"/> Form School	Point	<input type="checkbox"/> Daily
<input type="checkbox"/> Form PPP	Point	<input type="checkbox"/> Not Set
<input type="checkbox"/> Form UNS	Polygon	<input type="checkbox"/> Weekly
<input type="checkbox"/> Form MSJ	Polygon	<input type="checkbox"/> Weekly

1. You need to write REST APIs to fetch data.
2. Data should be fetched from database using APIs.
3. You can use sample Project listing data provided in JSON format.
4. Project list should be horizontally scrollable.
5. Should able to search Project from list.
6. Should load selected project data on click of card.
7. Create Project Screen should open on click of the button "Create Project"

Screen 2:

Design Create New Project page as below

CREATE PROJECT

Project School

Description (2000 Characters)

Select Form (s)

Choose one or multiple form(s) Set Reminder

Assign User (s)

Select one or multiple user(s)

Symbol

Default

CANCEL CREATE PROJECT

3 Comments OFF

1. Project should be saved in database using APIs.
2. Add Dummy Entries for forms, users and Symbols

Sample JSON Data

```
{
  data:[
    {
      id: 1,
      project: 'Project School',
      formsubmitted: '20',
      total: '08',
      lastupdated: '05 Jun',
      createdon: 'May 29, 2018',
    }
  ]
}
```

description: 'Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.'

count: '4',

profile: [

{firstName: "Virat", lastName: "Kohli", age: '31' , imageURL:

"http://p.imgci.com/db/PICTURES/CMS/263600/263697.20.jpg"},

{firstName: "Suresh", lastName: "Raina", age: '30' , imageURL:

"http://p.imgci.com/db/PICTURES/CMS/202700/202703.1.jpg"},

{firstName: "Ajinkya", lastName: "Rahane", age: '29', imageURL:

"http://p.imgci.com/db/PICTURES/CMS/263600/263694.1.jpg"},

]

},

{

id: 2,

project: 'Project College',

formsubmitted: '100',

total: '312',

lastupdated: '05 Jun',

createdon: 'May 29, 2018',

description: 'Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.'

count: '309',

profile: [

{firstName: "Virat", lastName: "Kohli", age: '31' , imageURL:

"http://p.imgci.com/db/PICTURES/CMS/263600/263697.20.jpg"},

{firstName: "Suresh", lastName: "Raina", age: '30' , imageURL:

"http://p.imgci.com/db/PICTURES/CMS/202700/202703.1.jpg"},

{firstName: "Ajinkya", lastName: "Rahane", age: '29', imageURL:

"http://p.imgci.com/db/PICTURES/CMS/263600/263694.1.jpg"},

]

},

{

id: 3,

project: 'Project University',

formsubmitted: '17',

total: '05',

lastupdated: '05 Jun',

createdon: 'May 29, 2018',

description: 'Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.'

```
count: '1',
profile: [
  {firstName: "Suresh", lastName: "Raina", age: '30' , imageURL:
"http://p.imgci.com/db/PICTURES/CMS/202700/202703.1.jpg"},
  {firstName: "Ajinkya", lastName: "Rahane", age: '29', imageURL:
"http://p.imgci.com/db/PICTURES/CMS/263600/263694.1.jpg"},
  {firstName: "MS", lastName: "Dhoni", age: '37', imageURL:
"http://p.imgci.com/db/PICTURES/CMS/263700/263705.20.jpg"},
]
},
{
  id: 4,
  project: 'Project City',
  formsubmitted: '12',
  total: '04',
  lastupdated: '05 Jun',
  createdon: 'May 29, 2018',
  description: 'Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry standard dummy text ever since the 1500s,
when an unknown printer took a galley of type and scrambled it to make a type specimen
book.',
  count: '4',
  profile: [
    {firstName: "Virat", lastName: "Kohli", age: '31' , imageURL:
"http://p.imgci.com/db/PICTURES/CMS/263600/263697.20.jpg"},
    {firstName: "Suresh", lastName: "Raina", age: '30' , imageURL:
"http://p.imgci.com/db/PICTURES/CMS/202700/202703.1.jpg"},
    {firstName: "Ajinkya", lastName: "Rahane", age: '29', imageURL:
"http://p.imgci.com/db/PICTURES/CMS/263600/263694.1.jpg"},
  ]
},
{
  id: 5,
  project: 'Project Bajaa',
  formsubmitted: '20',
  total: '08',
  lastupdated: '05 Jun',
  createdon: 'May 29, 2018',
  description: 'Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry standard dummy text ever since the 1500s,
when an unknown printer took a galley of type and scrambled it to make a type specimen
book.',
  count: '6',
  profile: [
    {firstName: "Suresh", lastName: "Raina", age: '30' , imageURL:
"http://p.imgci.com/db/PICTURES/CMS/202700/202703.1.jpg"},
```

```

        {firstName: "Ajinkya", lastName: "Rahane", age: '29', imageURL:
"http://p.imgci.com/db/PICTURES/CMS/263600/263694.1.jpg"},
        {firstName: "MS", lastName: "Dhoni", age: '37', imageURL:
"http://p.imgci.com/db/PICTURES/CMS/263700/263705.20.jpg"},
    ]
},
{
    id: 6,
    project: 'Project School',
    formsubmitted: '20',
    total: '08',
    lastupdated: '05 Jun',
    createdon: 'May 29, 2018',
    description: 'Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry standard dummy text ever since the 1500s,
when an unknown printer took a galley of type and scrambled it to make a type specimen
book.',
    count: '4',
    profile: [
        {firstName: "Suresh", lastName: "Raina", age: '30' , imageURL:
"http://p.imgci.com/db/PICTURES/CMS/202700/202703.1.jpg"},
        {firstName: "Ajinkya", lastName: "Rahane", age: '29', imageURL:
"http://p.imgci.com/db/PICTURES/CMS/263600/263694.1.jpg"},
        {firstName: "MS", lastName: "Dhoni", age: '37', imageURL:
"http://p.imgci.com/db/PICTURES/CMS/263700/263705.20.jpg"},
    ]
},
],

```

```

forms: [
    {
        id: 1,
        name: 'Form XYZ',
        shape: 'Point',
        updateddate: 'Jun 04',
        createdon: 'May 29, 2018',
    },
    {
        id: 2,
        name: 'Form MNO',
        shape: 'Point',
        updateddate: 'Jun 02',
        createdon: 'May 29, 2018',
    },
    {
        id: 3,
        name: 'Form XYW',
        shape: 'Polygon',
    },
]

```

```
    updateddate: 'Jun 05',
    createdon: 'May 29, 2018',
  },
  {
    id: 4,
    name: 'Form PQR',
    shape: 'Polygon',
    updateddate: 'Jun 12',
    createdon: 'May 29, 2018',
  },
  {
    id: 5,
    name: 'Form ABC',
    shape: 'Polygon',
    updateddate: 'Jun 11',
    createdon: 'May 29, 2018',
  },
  {
    id: 6,
    name: 'Form QWERTY',
    shape: 'Polygon',
    updateddate: 'Jun 04',
    createdon: 'May 29, 2018',
  }, ] }
```