# e-Cell KIET

## Technical Domain Task

### Overview:

- Making Login Page for accessing Scoreboard
- Displaying Data on Scoreboard by fetching it from API

In this task you must create a login page for admins to access the scoreboard page. There will be two Admins and they can access the scoreboard by entering their predefined credentials into the login page.

(Make sure only Admins can access the scoreboard via their credentials)

Scoreboard should display the Rank, Name, Score and Code of the student. All this data except rank is present is given in JSON file and you need to display it on scoreboard.

Refer Image on Next Page, for getting more details about Data Model

Scoreboard should display data in this format:

| Rank | Name | Score | Code |
|------|---------|-------|------|
| 1 | Ayush | 81 | A001 |
| 2 | Shivani | 75 | A005 |
| 3 | Shyam | 71 | A010 |
| 4 | Rony | 54 | A008 |
| 5 | John | 45 | A007 |
| 6 | Karan | 45 | A009 |
| 7 | Avika | 34 | A006 |
| 8 | Rohan | 32 | A003 |
| 9 | Radha | 23 | A002 |
| 10 | Mayur | 22 | A004 |

**(Note: If score of two student is same then rank will be given according to Code, sorted lexicographically)**

## Credentials:

- Credentials of Admin1:
  (username) **harsh**
  (password) **qwerty01$0(**

- Credentials of Admin2:
  (username) **shivam**
  (password) **asdfgh99A@**

## Data Model:

The Data Model json has four fields (code, name, score, id)

**Download: [Drive Link](Drive Link)**

## Submission:

You can host your application on GitHub (GitHub Pages) or Create an APK file and upload project file on GitHub.

Share the URL of your application or Drive Link of generated APK with us via mail:

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**Task Deadline: 17.12.2021, 8:00 PM**

**(Friday)**

```json
[{
    "code": "A001",
    "name": "Ayush",
    "score": 81,
    "id": 0
},
{
    "code": "A002",
    "name": "Radha",
    "score": 23,
    "id": 1
},
{
    "code": "A003",
    "name": "Rohan",
    "score": 32,
    "id": 2
},
{
    "code": "A004",
    "name": "Mayur",
    "score": 22,
    "id": 3
},
{
    "code": "A005",
    "name": "Shivani",
    "score": 75,
    "id": 4
},{
    "code": "A006",
    "name": "Avika",
    "score": 34,
    "id": 5
},{
    "code": "A007",
    "name": "John",
    "score": 45,
    "id": 6
},{
    "code": "A008",
    "name": "Rony",
    "score": 54,
    "id": 7
},{
    "code": "A009",
    "name": "Karan",
    "score": 45,
    "id": 8
},{
    "code": "A010",
    "name": "Shyam",
    "score": 71,
    "id": 9
}]
```

## Evaluation:

Evaluation will happen based on functionality, security, scalability, design, and performance of your application.

Marks Distribution:

| | |
|---|---|
| 1. Security | 15 |
| 2. Design | 15 |
| 3. User Experience | 15 |
| 4. Functionality | 15 |
| 5. Accuracy | 15 |
| 6. Latency | 15 |
| 7. Additional Features | 10 |
| **Total:** | **100** |

## Resources:

**Web:** Full React Course 2020 - Learn Fundamentals, Hooks, Context API, React Router, Custom Hooks - YouTube

**App:** Android Development for Beginners - Full Course - YouTube

# Thank You for Applying!