

ANGULAR TRAINING FINAL ASSESSMENT

FEATURING IPL CRICKET TEAMS-2024



Assessment Details

01

Submission Details:

You are required to submit the code in the following folder path:

[server9\\15.PUBLIC FOLDER\\Bibhuranjan Mohanty L&K\\Angular-B-4-Assessmet of CSM's centralized server.]

After completing the assessment, please send your assessment completion status along with a screenshots to bibhuranjan.m@csm.tech, and keep manoj.singh@csm.tech cc'd.

02

Problem Statements

1. The frontend application will be implemented using Angular. For managing data, we'll utilize JSON Server to create a pseudo API that simulates server responses with JSON data. JSON Server will handle data management tasks such as CRUD operations, allowing us to interact with data without the need for a backend server
2. Design UI for all web pages, including the following components:
 - **Login Component**
 - Responsible for user authentication.
 - Provides a form for users to enter their credentials and log in.
 - Sends login requests to the server or handles authentication locally if using a mock server like JSON Server.
 - **Registration Component**
 - Allows new users to register for the application.

- Provides a form for users to enter their registration details such as username, email, and password.
 - Sends registration requests to the server or handles registration locally if applicable.
 - **Logout Component**
 - Handles user logout functionality.
 - Allows users to log out of the application and clear their session or authentication status.
 - **Error Component**
 - Displays error messages to users in case of any unexpected errors or failures.
 - Provides a consistent UI for displaying error messages throughout the application.
 - **Dashboard Component**
 - Represents the main dashboard of the application.
 - Displays relevant information and data summary.
 - May contain links or widgets to navigate to other sections of the application.
 - **Team Component**
 - Displays a list of teams available in the application.
 - Allows users to view details of each team and navigate to the TeamDetailsComponent for more information.
 - **Team Details Component**
 - Displays detailed information about a specific team.
 - Shows team members, statistics, and other relevant details.
 - **Player Component**
 - Represents a single player within a team.
 - Displays player information such as name, position, and statistics.
 - May include functionality for editing player details or viewing player profiles.
 - **Navbar Component**
 - Provides navigation links and options for users to navigate through the application.
 - Typically displayed at the top of the page and contains links to different sections or pages of the application.
3. On the homepage, display a card-based grid of all the teams. Clicking on a team card navigates the user to the team details page.
4. The Team Details Page will have the following information:
- Team Name
 - Team Icon
 - Player Count
 - Top Batsman
 - Top Bowler
 - Championship Won Count

- Card grid with all the players.
5. Player card should have the following information:
 - Full Name
 - Photo
 - Team
 - Price
 - Playing Status (Playing or On-bench)
 - Role (Batsman, Bowler, or All-rounder).
 6. Clicking on a player card should navigate to the player details page. The player details page will have the same details as the card but with a different design.
 7. From the homepage, users can search players from different teams by entering a team name (e.g., MI for Mumbai Indians, RR for Rajasthan Royals). Display all players present in the same team searched by the user.
 8. The top bar should have a button allowing users to add new teams and new players. When a new team/player is added, it should be immediately visible on the screen.
 9. layer data should be in the given format.

```
"teams": [  
  {  
    "name": "Mumbai Indians",  
    "icon": "mumbai-indians-icon.png",  
    "players": [  
      {  
        "fullName" : "Rohit Sharma",  
        "photo": "rohit-sharma.jpg",  
        "team": "Mumbai Indians",  
        "price": "15 crores",  
        "playingStatus": "Playing",  
        "role": "Batsman"  
      },  
    ]  
  },  
]
```

```
{  
  "fullName": "Jasprit Bumrah",  
  "photo": "jasprit-bumrah.jpg",  
  "team": "Mumbai Indians",  
  "price": "12 crores",  
  "playingStatus": "Playing",  
  "role": "Bowler"  
},  
{  
  "fullName": "Hardik Pandya",  
  "photo": "hardik-pandya.jpg",  
  "team": "Mumbai Indians",  
  "price": "11 crores",  
  "playingStatus": "Playing",  
  "role": "All-rounder"  
},
```

```
{  
  "fullName": "Kieron Pollard",  
  "photo": "kieron-pollard.jpg",  
  "team": "Mumbai Indians",  
  "price": "8 crores",  
  "playingStatus": "Playing",  
  "role": "All-rounder"  
},  
{  
  "fullName": "Ishan Kishan",  
  "photo": "ishan-kishan.jpg",  
  "team": "Mumbai Indians",  
  "price": "6 crores",  
  "playingStatus": "Playing",  
  "role": "Batsman"  
}  
]  
,
```

```
{  
  "name": "Chennai Super Kings",  
  "icon": "chennai-super-kings-icon.png",  
  "players": [  
    {  
      "fullName": "MS Dhoni",  
      "photo": "ms-dhoni.jpg",  
      "team": "Chennai Super Kings",  
      "price": "12 crores",  
      "playingStatus": "Playing",  
      "role": "Batsman"  
    },  
    {  
      "fullName": "Suresh Raina",  
      "photo": "suresh-raina.jpg",  
      "team": "Chennai Super Kings",  
      "price": "10 crores",  
      "playingStatus": "Playing",  
      "role": "Batsman"  
    },  
  ],  
}
```

```
{
  "fullName": "Ravindra Jadeja",
  "photo": "ravindra-jadeja.jpg",
  "team": "Chennai Super Kings",
  "price": "9 crores",
  "playingStatus": "Playing",
  "role": "All-rounder"
},
{
  "fullName": "Deepak Chahar",
  "photo": "deepak-chahar.jpg",
  "team": "Chennai Super Kings",
  "price": "6 crores",
  "playingStatus": "Playing",
  "role": "Bowler"
},
{
  "fullName": "Faf du Plessis",
  "photo": "faf-du-plessis.jpg",
  "team": "Chennai Super Kings",
  "price": "8 crores",
  "playingStatus": "Playing",
  "role": "Batsman"
}
]
}
```

```
}  
  
}  
  
]  
  
}
```

--ALL THE BEST --