⬚ **Question 3**

The Indian Cricket Team coach is selecting the team for the World Cup. Create a component using ReactJS that will display a list of available players, their roles in the team along with their batting and bowling skills attributes. It should be able to sort the list by any attribute, i.e. name, role, batting, and bowling skills.

Complete the Team Selection component as shown below.

Hide animation Show animation

The list of available players is imported as 'playersList' in the component. Use the list to render the Available Players as shown in the app.

The component must have the following functionalities.
- Each player in playersList has the following attributes:
  - Name: The name of the player
  - Type: The role of the player in the team (Batting, Bowling, AllRounder and WicketKeeper)
  - BattingSkill: It defines the Batting Skill of the player

- BowlingSkill: It defines the Bowling Skill of the player

- FieldingSkill: It defines the Fielding Skill of the player

- Welcome instructions should be visible by default in the app.

- The user can click on the close button(x) about instructions to close the instructions.

- The players' name, role, batting, and bowling skills should be rendered as-is.

- For the selected player, the select button on the player detail card should be disabled.

- On clicking the close button on a player details card, the card should disappear.

- In the available players list:
  - There should be a Select button for every player in the row.

  - On clicking the Select button, the button should be disabled and the player must be moved to the selected players list.

  - On clicking a player's name, the card that player's attributes should open.

  - For the selected player, the select button on the player detail card should be disabled.

  - On clicking the close button on a player details

card, the card should disappear.

- In the selected players list, on clicking the Remove button:
  - the player must be removed from the selected players list.
  - the player's Select button must be enabled in the available players list.

- There is no requirement of sorting players in any order for Selected players

- The following constraints should be met while selecting the team:
  - A maximum of 11 players are allowed on a team.
  - 3-6 batsmen and bowlers are allowed on a team.
  - Only 1 Wicket Keeper is required on a team.
  - 1-4 All-Rounders are allowed on a team.

The following *data-testid* attributes are required in the component for the tests to pass:

- For every <tr> in 'Available Players' table, it must contain data-testid: 'available-<playerfirstname>-<player lastname>-row'.
  - e.g for Rohit Sharma, the data-testid will be 'available-Rohit-Sharma-row'

- For every <td> in <tr>, it must contain data-testid: 'available-<playerfirstname>-<playerlastname>-

attribute'

- e.g for <td> with name Rohit Sharma, the data-testid will be 'available-Rohit-Sharma-name'

- e.g for <td> with type for Rohit Sharma, the data-testid will be 'available-Rohit-Sharma-type'

- For every <button> (Player Select Button), it must contain data-testid: 'available-<playerfirstname>-<playerlastname>-select'

  - e.g for <button> to select Rohit Sharma, the data-testid will be 'available-Rohit-Sharma-select'

```
<tr data-testid="available-Rohit-
Sharma-row">
  <td data-testid="available-Rohit-
Sharma-name">Rohit Sharma</td>
  <td data-testid="available-Rohit-
Sharma-role">Batsman</td>
  <td data-testid="available-Rohit-
Sharma-bat">90</td>
  <td data-testid="available-Rohit-
Sharma-bowl">90</td>
  <td>
    <button
      data-testid="available-Rohit-
Sharma-select"
      class="btn-primary text"
    >
```

```
      Select
    </button>
  </td>
</tr>
```

- For every <tr> in 'Selected Players' table, it must contain data-testid: 'available-<playerfirstname>-<player lastname>-row'.
  - e.g for Rohit Sharma, the data-testid will be 'selected-Rohit-Sharma-row'

- For every <button> in Selected Players Row (Player Remove Button), it must contain data-testid: 'selected-<playerfirstname>-<playerlastname>-remove'
  - e.g for <button> to select Rohit Sharma, the data-testid will be 'selected-Rohit-Sharma-remove'

```
<tr data-testid="selected-Rohit-Sharma-row">
  <td>Rohit Sharma</td>
  <td>Batsman</td>
  <td>
    <button data-testid="selected-Rohit-Sharma-remove" class="btn danger text">
```

```
      Remove
    </button>
  </td>
</tr>
```

- For each player-info card, the data-testid associated should be 'player-<playerfirstname>-playerlastname>-details'
  - e.g for Rohit Sharma, the data-testid will be 'player-Rohit-Sharma-details'

- For each attribute on player-info card, the associated data-testid should be 'player-detail-<playerfirstname>-playerlastname>-<attribute>'
  - e.g for Batting attribute of Rohit Sharma, the data-testid will be 'player-detail-Rohit-Sharma-batting

- For select button of player on the player-info card, the data-testid should be 'player-detail-<playerfirstname>-<playerlastname>-add'
  - e.g for Select Button on Rohit Sharma's card, the data-testid will be 'player-detail-Rohit-Sharma-add'

- For Close button of the player-info card, the data-testid should be 'player-detail-<playerfirstname>-<playerlastname>-close'
  - e.g for close button on Rohit Sharma's card, the data-testid will be 'player-detail-Rohit-Sharma-close'

```jsx
<div
  className="card outlined mt-0"
  style={{ ...
  }}
  data-testid={`player-Rohit-Sharma-details`}
  >
  <h1 className="card-title" style={{
textAlign: "center"}}>
    Player Detail
  </h1>
  <p>
    <strong>Name:</strong> <span data-
testid="player-detail-Rohit-Sharma-
name">Rohit Sharma</span>
  </p>

  <p>
    <strong>Type:</strong> <span data-
testid="player-detail-Rohit-Sharma-
type">Batsman</span>
  </p>

  <p>
    <strong>Batting:</strong> <span
data-testid="player-detail-Rohit-
Sharma-batting">90</span>
```

```
    </p>

    <p>
      <strong>Bowling:</strong> <span
  data-testid="player-detail-Rohit-
  Sharma-bowling">90</span>
    </p>
    <button
      disable={false}
      onClick={() ⇒ addPlayer(0)}
      data-testid="player-detail-Rohit-
  Sharma-add"
    >
      Select
    </button>
    <button onClick={close}
  className="danger" data-
  testid="player-detail-Rohit-Sharma-
  close">
      Close
    </button>
  </div>
```

Notes:

Please note that components have these data-testid attributes for test cases and certain classes and ids for rendering purposes. It is advised not to change them.

The only files that should be modified are

The only files that should be modified are
"src/components/player-info/index.js"
and "src/components/team-selection/index.js" which
are open by default in the system editor.

It is advised for candidates to avoid making any changes
to the rest of the files in the project structure.