**Football Player Application**

**Overview**

**Problem Statement**

I have assigned a task to make app to show football player details

**Proposed Solution**

We think of using react-native in order to display players details on UI.

**Goals**

By this one can easily have access of worldwide players and various information of

Particular player on single platform in very clean , efficient and with user friendly

Experience.

**Software Detailed Design**

**Frontend Design:**

**Tech Stack :** React , React-native,

**Tools Used:** Visual Studio Code

**Library used:**

**1.** react-native-element-dropdown for dropdown element

**2.** react-native-paper for button element

**3.** react-native-country-flag for displaying country flag

**4.** react-navigation for route between screens

**5.**fetch (for api calls)

**Api Calls:**

1. curl "https://app.sportdataapi.com/api/v1/soccer/countries?apikey=dcdff020-58d5-11ed-8fcb-93fb5a44495d

The above Api is used to fetch data of countries list and displayed in dropdown

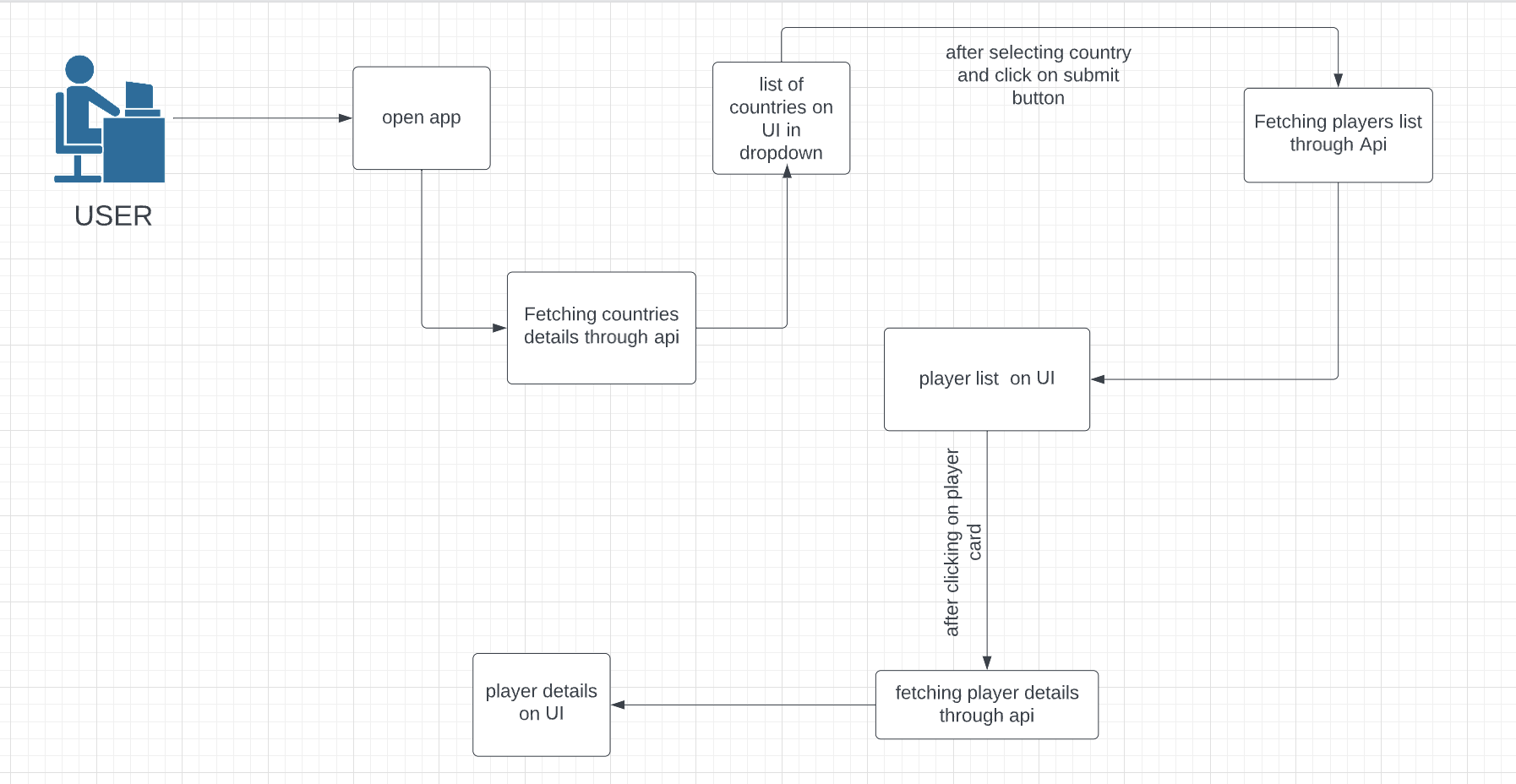
1. curl --location --request GET '<https://app.sportdataapi.com/api/v1/soccer/players?apikey=dcdff020-58d5-11ed-8fcb-93fb5a44495d&country_id=57>'

The above Api is used to fetch players of selected country and displayed below Submit button and above selected country is our INDIA.

1. curl --location --request GET '<https://app.sportdataapi.com/api/v1/soccer/players/1417?apikey=dcdff020-58d5-11ed-8fcb-93fb5a44495d>'

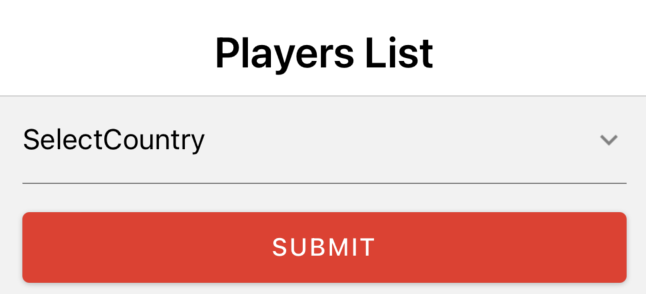
The above Api is used to fetch details of particular player by adding player id and is displayed on clicking player card.

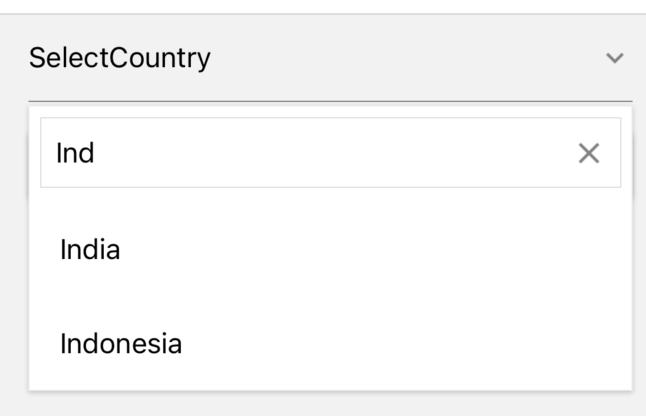
**Flowchart of Player App :**



**Components :** The Components we have used in this project and their purpose have been stated below:

**Dropdown component :** The user need to search and select required country from dropdown to know the detail of that country player. After pressing submit button the required player list will be displayed of particular country.

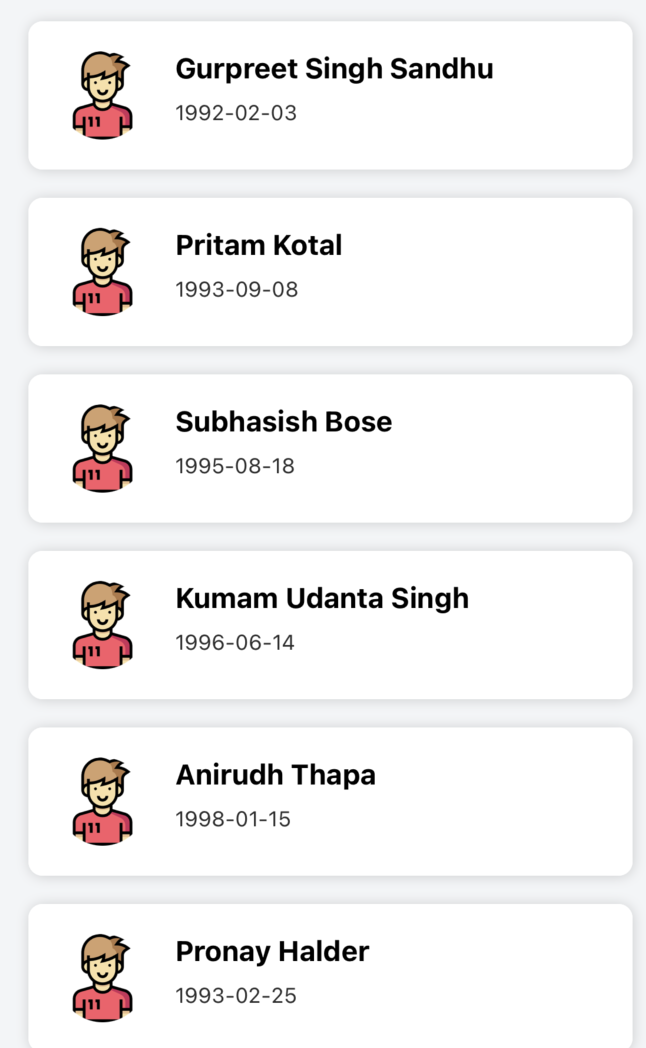




**Player List component : O**n submitting country name , list of players will be

Displayed on with player image , player name and player date of birth. User can

Press player card to know more information of player.



**Player Details component :** on pressing particular player card , player details will be displayed with national flag of player country, player personal details and player professional details also. By clicking

Player list with less than sign on top left corner one can revisit player list.



**Future scope :** we can use redux to store data as future scope.