

API Documentation

1. */players/*

Description: Returns all players and their attributes.

Method: GET

Example Request: GET <http://192.168.1.209:5002/players>

Sample Response:

```
[
  {
    "Acceleration": 91,
    "Age": 32,
    "Aggression": 63,
    "Agility": 90,
    "Attacking_Position": 94,
    "Balance": 63,
    "Ball_Control": 93,
    "Birth_Date": "02/05/1985",
    "Club": "Real Madrid",
    "Club_Joining": "07/01/2009",
    "Club_Kit": 7,
    "Club_Position": "LW",
    "Composure": 86,
    "Contract_Expiry": 2021,
    "Crossing": 84,
    "Curve": 81,
    "Dribbling": 92,
    "Finishing": 93,
    "Freekick_Accuracy": 76,
    "GK_Diving": 7,
    "GK_Handling": 11,
    "GK_Kicking": 15,
    "GK_Positioning": 14,
    "GK_Reflexes": 11,
    "Heading": 85,
    "Height": "185 cm",
    "Interceptions": 29,
    "Jumping": 95,
    "Long_Pass": 77,
    "Long_Shots": 90,
    "Marking": 22,
```

```
"Name": "Cristiano Ronaldo",
"National_Kit": 7,
"National_Position": "LS",
"Nationality": "Portugal",
"Penalties": 85,
"Preffered_Foot": "Right",
"Preffered_Position": "LW/ST",
"Rating": 94,
"Reactions": 96,
"Short_Pass": 83,
"Shot_Power": 92,
"Skill_Moves": 5,
"Sliding_Tackle": 23,
"Speed": 92,
"Stamina": 92,
"Standing_Tackle": 31,
"Strength": 80,
"Vision": 85,
"Volleys": 88,
"Weak_foot": 4,
"Weight": "80 kg",
"Work_Rate": "High / Low"
},
{
  "Acceleration": 92,
  "Age": 29,
  "Aggression": 48,
  "Agility": 90,
  "Attacking_Position": 93,
  "Balance": 95,
  "Ball_Control": 95,
  "Birth_Date": "06/24/1987",
  "Club": "FC Barcelona",
  "Club_Joining": "07/01/2004",
  "Club_Kit": 10,
  "Club_Position": "RW",
  "Composure": 94,
  "Contract_Expiry": 2018,
  "Crossing": 77,
  "Curve": 89,
  "Dribbling": 97,
  "Finishing": 95,
```

```
"Freekick_Accuracy": 90,
"GK_Diving": 6,
"GK_Handling": 11,
"GK_Kicking": 15,
"GK_Positioning": 14,
"GK_Reflexes": 8,
"Heading": 71,
"Height": "170 cm",
"Interceptions": 22,
"Jumping": 68,
"Long_Pass": 87,
"Long_Shots": 88,
"Marking": 13,
"Name": "Lionel Messi",
"National_Kit": 10,
"National_Position": "RW",
"Nationality": "Argentina",
"Penalties": 74,
"Preffered_Foot": "Left",
"Preffered_Position": "RW",
"Rating": 93,
"Reactions": 95,
"Short_Pass": 88,
"Shot_Power": 85,
"Skill_Moves": 4,
"Sliding_Tackle": 26,
"Speed": 87,
"Stamina": 74,
"Standing_Tackle": 28,
"Strength": 59,
"Vision": 90,
"Volleys": 85,
"Weak_foot": 4,
"Weight": "72 kg",
"Work_Rate": "Medium / Medium"
},
{
  "Acceleration": 93,
  "Age": 25,
  "Aggression": 56,
  "Agility": 96,
  "Attacking_Position": 90,
```

"Balance": 82,
"Ball_Control": 95,
"Birth_Date": "02/05/1992",
"Club": "FC Barcelona",
"Club_Joining": "07/01/2013",
"Club_Kit": 11,
"Club_Position": "LW",
"Composure": 80,
"Contract_Expiry": 2021,
"Crossing": 75,
"Curve": 79,
"Dribbling": 96,
"Finishing": 89,
"Freekick_Accuracy": 84,
"GK_Diving": 9,
"GK_Handling": 9,
"GK_Kicking": 15,
"GK_Positioning": 15,
"GK_Reflexes": 11,
"Heading": 62,
"Height": "174 cm",
"Interceptions": 36,
"Jumping": 61,
"Long_Pass": 75,
"Long_Shots": 77,
"Marking": 21,
"Name": "Neymar",
"National_Kit": 10,
"National_Position": "LW",
"Nationality": "Brazil",
"Penalties": 81,
"Preffered_Foot": "Right",
"Preffered_Position": "LW",
"Rating": 92,
"Reactions": 88,
"Short_Pass": 81,
"Shot_Power": 78,
"Skill_Moves": 5,
"Sliding_Tackle": 33,
"Speed": 90,
"Stamina": 79,
"Standing_Tackle": 24,

```
"Strength": 49,  
"Vision": 80,  
"Volleys": 83,  
"Weak_foot": 5,  
"Weight": "68 kg",  
"Work_Rate": "High / Medium"  
}]
```

2. */players/{name}*

Description: Returns a specific player and all their attributes.

Method: GET

Example Request: GET <http://192.168.1.209:5002/players/neymar>

Sample Response:

```
{  
  "Acceleration": 93,  
  "Age": 25,  
  "Aggression": 56,  
  "Agility": 96,  
  "Attacking_Position": 90,  
  "Balance": 82,  
  "Ball_Control": 95,  
  "Birth_Date": "02/05/1992",  
  "Club": "FC Barcelona",  
  "Club_Joining": "07/01/2013",  
  "Club_Kit": 11,  
  "Club_Position": "LW",  
  "Composure": 80,  
  "Contract_Expiry": 2021,  
  "Crossing": 75,  
  "Curve": 79,  
  "Dribbling": 96,  
  "Finishing": 89,  
  "Freekick_Accuracy": 84,  
  "GK_Diving": 9,  
  "GK_Handling": 9,  
  "GK_Kicking": 15,  
  "GK_Positioning": 15,  
  "GK_Reflexes": 11,
```

```
"Heading": 62,  
"Height": "174 cm",  
"Interceptions": 36,  
"Jumping": 61,  
"Long_Pass": 75,  
"Long_Shots": 77,  
"Marking": 21,  
"Name": "Neymar",  
"National_Kit": 10,  
"National_Position": "LW",  
"Nationality": "Brazil",  
"Penalties": 81,  
"Preffered_Foot": "Right",  
"Preffered_Position": "LW",  
"Rating": 92,  
"Reactions": 88,  
"Short_Pass": 81,  
"Shot_Power": 78,  
"Skill_Moves": 5,  
"Sliding_Tackle": 33,  
"Speed": 90,  
"Stamina": 79,  
"Standing_Tackle": 24,  
"Strength": 49,  
"Vision": 80,  
"Volleys": 83,  
"Weak_foot": 5,  
"Weight": "68 kg",  
"Work_Rate": "High / Medium"  
}
```

3. */clubs/*

Description: Returns all clubs with a list of players playing for those clubs.

Method: GET

Example Request: GET <http://192.168.1.209:5002/clubs>

Sample Response:

```
{  
  "Arsenal": [  
    "Mesut Özil",  
    "Alexis Sánchez",  
    "Petr Čech"  
  ],  
  "Atlético Madrid": [  
    "Antoine Griezmann",  
    "Diego Godín",  
    "Jan Oblak"  
  ],  
  "Bayer 04": [  
    "Bernd Leno"  
  ],  
  "Bor. Dortmund": [  
    "Marco Reus",  
    "Pierre-Emerick Aubameyang"  
  ],  
  "Chelsea": [  
    "Thibaut Courtois",  
    "Eden Hazard",  
    "Diego Costa"  
  ],  
  "FC Barcelona": [  
    "Lionel Messi",  
    "Neymar",  
    "Luis Suárez",  
    "Iniesta",  
    "Ivan Rakitić",  
    "Piqué",  
    "Sergio Busquets",  
    "Jordi Alba"  
  ],  
  "FC Bayern": [  
    "Manuel Neuer",  
    "Robert Lewandowski",  
    "Jérôme Boateng",  
    "Mats Hummels",  
    "Philipp Lahm",  
    "Arturo Vidal",  
    "Arjen Robben",  
    "David Alaba",  
  ]  
}
```

```

    ],
    "Inter": [
        "Samir Handanović"
    ],
    "Juventus": [
        "Gonzalo Higuaín",
        "Giorgio Chiellini",
        "Gianluigi Buffon",
        "Leonardo Bonucci",
        "Paulo Dybala"
    ],
    "Liverpool": [
        "Coutinho"
    ],
    "Manchester City": [
        "Sergio Agüero",
        "Kevin De Bruyne",
        "David Silva"
    ],
    "Manchester Utd": [
        "De Gea",
        "Zlatan Ibrahimović",
        "Paul Pogba",
        "Henrikh Mkhitaryan"
    ],
    "PSG": [
        "Thiago Silva",
        "Marco Verratti",
        "Ángel Di María"
    ],
    "Real Madrid": [
        "Cristiano Ronaldo",
        "Gareth Bale",
        "Luka Modrić",
        "Sergio Ramos",
        "Toni Kroos",
        "Pepe",
        "James Rodríguez"
    ],
    "Spurs": [

```



```
"Hugo Lloris"  
]  
}
```

4. */attributes/*

Description: Returns a list of all attribute names.

Method: GET

Example Request: GET <http://192.168.1.209:5002/attributes>

Sample Response:

```
[  
  "Name",  
  "Nationality",  
  "National_Position",  
  "National_Kit",  
  "Club",  
  "Club_Position",  
  "Club_Kit",  
  "Club_Joining",  
  "Contract_Expiry",  
  "Rating",  
  "Height",  
  "Weight",  
  "Preffered_Foot",  
  "Birth_Date",  
  "Age",  
  "Preffered_Position",  
  "Work_Rate",  
  "Weak_foot",  
  "Skill_Moves",  
  "Ball_Control",  
  "Dribbling",  
  "Marking",  
  "Sliding_Tackle",  
  "Standing_Tackle",  
  "Aggression",  
  "Reactions",  
  "Attacking_Position",  
  "Interceptions",  
]
```

"Vision",
"Composure",
"Crossing",
"Short_Pass",
"Long_Pass",
"Acceleration",
"Speed",
"Stamina",
"Strength",
"Balance",
"Agility",
"Jumping",
"Heading",
"Shot_Power",
"Finishing",
"Long_Shots",
"Curve",
"Freekick_Accuracy",
"Penalties",
"Volleys",
"GK_Positioning",
"GK_Diving",
"GK_Kicking",
"GK_Handling",
"GK_Reflexes"

]