**Final Assignment - REST Service Documentation**

This document consists of list of REST calls designed for the final assignment.The REST Service documentation is defined as follows

1. Module Name
2. Rest Call
3. Service Path
4. Method - GET / PUT / POST / DELETE
5. Path Parameter if any (along with data type specification)
6. Input Object - Input object (if applicable)
7. Objects are defined as { object }
8. **Response Codes:** 
   1. 200 - **OK**
   2. 201 - **Created**
   3. 204 - **No Content**
   4. 404 - **Not Exists**
   5. 500 - **Internal Server Error**

**PlayersList - GET**

|  |  |  |
| --- | --- | --- |
| **Service** | api/getPlayers | |
| **Method** | GET | |
| **Response** | List [{players}] | 200 |
| No Content | 204 |
| Not Found | 404 |
| Internal Server Error | 500 |
| **Sample Response Body** | [  {  "id":int,  "firstName":"string",  "lastName":"string",  "preferredName":"string",  "gender":"string",  "dateOfBirth":"string",  "countryOfBirth":"string",  "townOfBirth":"string",  "nationalities":"string",  "nationalInsuranceNumber":"string",  "status":"string",  "registrationType":"string",  "registrationID":"string",  "registeringClub":"string",  "player":"string",  "registration":"string",  "transfer":"string",  "intermediaries":"string",  "ITC":"string",  "GBE":"string",  "registrationDateTime":"string",  "submittedDateTime":"string",  "submittedBy":"string",  "lastUpdatedDateTime":"string",  "updatedBy":"string",  },  {  "id":int,  "firstName":"string",  "lastName":"string",  "preferredName":"string",  "gender":"string",  "dateOfBirth":"string",  "countryOfBirth":"string",  "townOfBirth":"string",  "nationalities":"string",  "nationalInsuranceNumber":"string",  "status":"string",  "registrationType":"string",  "registrationID":"string",  "registeringClub":"string",  "player":"string",  "registration":"string"  "transfer":"string",  "intermediaries":"string",  "ITC":"string",  "GBE":"string",  "registrationDateTime":"string",  "submittedDateTime":"string",  "submittedBy":"string",  "lastUpdatedDateTime":"string",  "updatedBy":"string"  }  ] | |

**Player Detail - GET**

|  |  |  |
| --- | --- | --- |
| **Service** | api/getPlayer/{playerID} | |
| **Method** | GET | |
| **Path Parameter** | Player ID - Integer | |
| **Response** | List [{player}] | 200 |
| NotFound | 404 |
| Internal Server Error | 500 |
| No Content | 204 |
| **Sample Response Body** | {  "id":int,  "firstName":"string",  "lastName":"string",  "preferredName":"string",  "gender":"string",  "dateOfBirth":"string",  "countryOfBirth":"string",  "townOfBirth":"string",  "nationalities":"string",  "nationalInsuranceNumber":"string",  "status":"string",  "registrationType":"string",  "registrationID":"string",  "registeringClub":"string",  "player":"string",  "registration":"string",  "transfer":"string",  "intermediaries":"string",  "ITC":"string",  "GBE":"string",  "registrationDateTime":"string",  "submittedDateTime":"string",  "submittedBy":"string",  "lastUpdatedDateTime":"string",  "updatedBy":"string"  } | |

**Create Player - POST**

|  |  |  |
| --- | --- | --- |
| **Service** | api/addPlayer | |
| **Method** | POST | |
| **Input Object** | {player} | |
| **Response** | Created | 201 |
| Internal Server Error | 500 |
| Not Found | 404 |
| **Sample Request Body** | {  "firstName":"string",  "lastName":"string",  "preferredName":"string",  "gender":"string",  "dateOfBirth":"string",  "countryOfBirth":"string",  "townOfBirth":"string",  "nationalities":"string",  "nationalInsuranceNumber":"string",  "status":"string",  "registrationType":"string",  "registrationID":"string",  "registeringClub":"string",  "player":"string",  "registration":"string",  "transfer":"string",  "intermediaries":"string",  "ITC":"string",  "GBE":"string",  "registrationDateTime":"string",  "submittedDateTime":"string",  "submittedBy":"string",  "lastUpdatedDateTime":"string",  "updatedBy":"string",  } | |

**Update Player - PUT**

|  |  |  |
| --- | --- | --- |
| **Service** | api/updatePlayer/{playerID} | |
| **Method** | PUT | |
| **Input Object** | {player} | |
| **Path Parameter** | playerID - Integer | |
| **Response** | Success | 200 |
| Not Found | 404 |
| Internal Server Error | 500 |
| **Sample Request Body** | {  "id":int,  "firstName":"string",  "lastName":"string",  "preferredName":"string",  "gender":"string",  "dateOfBirth":"string",  "countryOfBirth":"string",  "townOfBirth":"string",  "nationalities":"string",  "nationalInsuranceNumber":"string",  "status":"string",  "registrationType":"string",  "registrationID":"string",  "registeringClub":"string",  "player":"string",  "registration":"string",  "transfer":"string",  "intermediaries":"string",  "ITC":"string",  "GBE":"string",  "registrationDateTime":"string",  "submittedDateTime":"string",  "submittedBy":"string",  "lastUpdatedDateTime":"string",  "updatedBy":"string",  } | |

**Delete Player - DELETE**

|  |  |  |
| --- | --- | --- |
| **Service** | api/deletePlayer/{playerID} | |
| **Method** | DELETE | |
| **Path Parameter** | Player ID - Integer | |
| **Response** | Success | 200 |
| Not Found | 404 |
| Internal Server Error | 500 |

**Authorize User - GET**

|  |  |  |
| --- | --- | --- |
| **Service** | api/authorizeUser/{playerName} | |
| **Method** | GET | |
| **Path Parameter** | Player Name - String | |
| **Response** | Success | 200 |
| No Content | 204 |
| Not Found | 404 |
| Internal Server Error | 500 |

**Meta Data - GET**

|  |  |  |
| --- | --- | --- |
| **Service** | api/getMetaData | |
| **Method** | GET | |
| **Path Parameter** | Player Name - String | |
| **Response** | Success | 200 |
| Not Found | 404 |
| Internal Server Error | 500 |