

Documentation for

League Management System

League Management System

**File Name:**

“League Management – Document v1.docx”

**Version: 1.0**

**Document Revision History:**

|  |  |  |
| --- | --- | --- |
| **Date** | **Author** | **Reviewer** |
| 12/02/2018 | Shashank Sharma |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

1. Introduction
   1. Purpose

**Purpose of the document**

The document is used to define the Requirements Specification for the League Management project. This helps in providing a clear and complete picture of the Solution Project in terms of specifications with functional and non-functional requirements. The RS Process helps the Project Staff to understand the various requirements of the Solution.

**Intended Audience**

The Requirements Specification (RS) Process is defined for providing a clear and complete picture of the Solution System to the Project Team. The RS Process document is meant for Project Managers, Project Team members and my SQA.

* 1. Scope of This Document

The purpose of the RS document is to provide a description of the solution being specified and its purpose, including relevant benefits, objectives, and goals and to relate solution to corporate goals or business strategies.

1. API DocumenTation
   1. User Management

* Create

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user |
| Description | Create user |
| Method | POST |
| Header | Content-Type: application/json |
| Request | {  "email": "shashanks1@damcogroup.com",  "username": "shashankpro",  "full\_name": "Shashank sharma",  "password": "Abc12345",  "office\_phone": "(541) 754-3010",  "home\_phone": "(541) 754-3010",  "cell\_phone": "(541) 754-3010",  "address1": "2050 Bamako Place",  "address2": "null",  "city": "Washington",  "user\_state": "DC",  "country": "US",  "zip": "20521",  "height": "170cm",  "dob": "01/09/1990",  "gender": "M",  "preferred\_location": "Washington",  "handedness": "12",  "rating\_type": "USP",  "rating": "4.5",  "user\_others": "null",  "strength": "null",  "weakness": "null"  } |
| Response | {  "res": “user created successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response | {  "res": “User already exist”  },  {  "res": “One or more parameter values were invalid: An AttributeValue may not contain an empty string”  } |

* Update

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user/{user\_id} |
| Description | Update user profile information |
| Method | PUT |
| Header | Content-Type: application/json |
| Request | {  "email": "shashanks1@damcogroup.com",  "username": "shashankpro",  "full\_name": "Shashank sharma",  "password": "Abc12345",  "office\_phone": "(541) 754-3010",  "home\_phone": "(541) 754-3010",  "cell\_phone": "(541) 754-3010",  "address1": "2050 Bamako Place",  "address2": "null",  "city": "Washington",  "user\_state": "DC",  "country": "US",  "zip": "20521",  "height": "170cm",  "dob": "01/09/1990",  "gender": "M",  "preferred\_location": "Washington",  "handedness": "12",  "rating\_type": "USP",  "rating": "4.5",  "user\_others": "null",  "strength": "null",  "weakness": "null"  } |
| Response | {  "res": “user updated successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response | {  "res": “One or more parameter values were invalid: An AttributeValue may not contain an empty string”  } |

* List

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user |
| Description | List all users |
| Method | GET |
| Header | Content-Type: application/json |
| Request |  |
| Response | [  {  "email": "mac9487@gmail.com",  "id": "39fa6625-283e-4984-9b62-8a9f21977a01",  "username": "Gupt",  "age": "25",  "full\_name": "Shashank",  "office\_phone": "(541) 754-3010",  "home\_phone": "(541) 754-3010",  "cell\_phone": "(541) 754-3010",  "address1": "2050 Bamako Place",  "address2": "",  "city": "Washington",  "user\_state": "DC",  "country": "US",  "zip": "20521",  "height": "170cm",  "age": "30",  "dob": "01/09/1990",  "gender": "M",  "preferred\_location": "Washington",  "handedness": "12",  "rating\_type": "USP",  "rating": "4.5",  "user\_others": "",  "strength": "",  "weakness": ""  }  },  {  "username": "user",  "id": "3caec5a7-a0dd-447e-843d-ee94f942c0a7",  "email": "test@damcogroup.com",  "full\_name": "test",  "office\_phone": "(541) 754-3010",  "home\_phone": "(541) 754-3010",  "cell\_phone": "(541) 754-3010",  "address1": "2050 Bamako Place",  "address2": "",  "city": "Washington",  "user\_state": "DC",  "country": "US",  "zip": "20521",  "height": "170cm",  "age": "25",  "dob": "01/09/1990",  "gender": "M",  "preferred\_location": "Washington",  "handedness": "12",  "rating\_type": "USP",  "rating": "4.5",  "user\_others": "",  "strength": "",  "weakness": ""  }  ] |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* Detail by query parameter

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user?q=players |
| Description | List users by query parameter |
| Method | GET |
| Header | Content-Type: application/json |
| Request |  |
| Response | [  {  "email": "mac9487@gmail.com",  "id": "39fa6625-283e-4984-9b62-8a9f21977a01",  "full\_name": "Shashank"  },  {  "id": "3caec5a7-a0dd-447e-843d-ee94f942c0a7",  "email": "test@damcogroup.com",  "full\_name": "test"  }  ] |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* Detail

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user/{id} |
| Description | List user detail by Id |
| Method | GET |
| Header | Content-Type: application/json |
| Request |  |
| Response | {  “id”: “39fa6625-283e-4984-9b62-8a9f21977a01”,  "email": "shashanks1@damcogroup.com",  "username": "shashankpro",  "full\_name": "Shashank",  "password": "Abc12345",  "office\_phone": "(541) 754-3010",  "home\_phone": "(541) 754-3010",  "cell\_phone": "(541) 754-3010",  "address1": "2050 Bamako Place",  "address2": "null",  "city": "Washington",  "user\_state": "DC",  "country": "US",  "zip": "20521",  "height": "170cm",  "dob": "01/09/1990",  "gender": "M",  "preferred\_location": "Washington",  "handedness": "12",  "rating\_type": "USP",  "rating": "4.5",  "user\_others": "null",  "strength": "null",  "weakness": "null"  } |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* Delete User

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user/{id} |
| Description | Delete a user |
| Method | DELETE |
| Header | Content-Type: application/json |
| Request |  |
| Response | {  "res": “Player deleted successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response | {  "res": “Player is involved in one or more league”  } |

* User Login

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user/login |
| Description | Login API |
| Header | Content-Type: application/json |
| Method | POST |
| Request | {  "email": "mac9487@gmail.com",  "password": "Abc12345",  } |
| Response | {  "res": {  “id”: “kdjkhbgoje-kjnr45-212h1khj2gb1h”,  "email": "shashanks1@damcogroup.com",  "username": "sharma",  "full\_name": "Shashank"  }  } |
| Response Code | 200 - Success  400 - Error |
| Error Response | {  "res": “Login information is incorrect”  } |

* Forgot Password

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user/forgot-password |
| Description | Forgot Password API |
| Method | POST |
| Header | Content-Type: application/json |
| Request | {  "email": "mac9487@gmail.com",  } |
| Response | {  "res": “Your password has been sent to your authenticated mail successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response | {  "res": “Provided email address does not exist, please check”  } |

* Change Password

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/user/change-password |
| Description | Change Password API |
| Method | POST |
| Header | Content-Type: application/json |
| Request | {  "email": "[mac9487@gmail.com](mailto:mac9487@gmail.com)",  “old\_password”: “Abc12345”,  “new\_password”: “Damco12345”  } |
| Response | {  "res": “Your password has been sent to your authenticated mail successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response | {  "res": “Provided email address does not exist, please check”  } |

* 1. League Management
* Create

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league |
| Description | Create a league |
| Method | POST |
| Header | Content Type – application/json |
| Request | {  "league\_name": "Wimbledon",  "description": "bot",  "league\_location": "New York",  "round\_robin\_period\_from": "01/03/2018",  "round\_robin\_period \_to": "07/03/2018",  "playoff\_period\_from": "01/03/2018",  "playoff\_period\_to":"07/03/2018",  "categories": ["Mens & Womens", "Mens Singles", "Wormen Singles", "Men Doubles", "Women Doubles"],  “groups”: [{  "group\_name": "group 1",  "id": "97133291-06c6-4f46-b74f-3b508e0d317c",  "players": [  "bc8dc2d6-5791-454f-bca7-4d2d86ac0b50",  "39fa6625-283e-4984-9b62-8a9f21977a01"  ]  }],  "scoring\_point": "30.98"  } |
| Response | {  "res": “league created successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response | {  "res": “league already exists”  } |

* Update

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league/{league\_id} |
| Description | Update league by league id |
| Method | PUT |
| Header | Content Type – application/json |
| Request | {  "league\_name": "Wimbledon",  "description": "bot",  "league\_location": "New York",  "round\_robin\_period\_from": "01/03/2018",  "round\_robin\_period \_to": "07/03/2018",  "playoff\_period\_from": "01/03/2018",  "playoff\_period\_to":"07/03/2018",  "categories": ["Mens & Womens", "Mens Singles", "Wormen Singles", "Men Doubles", "Women Doubles"],  “groups”: [{  "group\_name": "group 1",  "id": "97133291-06c6-4f46-b74f-3b508e0d317c",  "players": [  "bc8dc2d6-5791-454f-bca7-4d2d86ac0b50",  "39fa6625-283e-4984-9b62-8a9f21977a01"  ]  }],  "scoring\_point": "30.98"  To add group in a league: add this request data while update league:  “groups”: [{  "group\_name": "Wimbledon",  "players":["shashank@damcogroup.com", "sam@damcogroup.com"]  },  {  "group\_name": "Us Open",  "players":["shashanks1@damcogroup.com", "sam@damcogroup.com"]  }]  } |
| Response | {  "res": “league updated successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* List

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league |
| Description | List leagues |
| Method | GET |
| Header | Content Type – application/json |
| Request |  |
| Response | [{  "league\_location": "New York",  "categories": "['Mens & Womens', 'Mens Singles', 'Wormen Singles', 'Men Doubles', 'Women Doubles']",  "scoring\_point": "30,98",  "description": "bot",  "id": "00b228af-0b6f-4287-b8b7-9b78c45e14fd",  "league\_name": "Wimbledon",  "round\_robin\_period\_from": "01/03/2018",  "round\_robin\_period \_to": "07/03/2018",  "playoff\_period\_from": "01/03/2018",  "playoff\_period\_to": "07/03/2018",  “groups”: [{  "group\_name": "group 1",  "id": "97133291-06c6-4f46-b74f-3b508e0d317c"  }],  "players": ["shashank@damcogroup.com", "[sam@damcogroup.com](mailto:sam@damcogroup.com)", “alok@damcogroup.com”]  }, {  "league\_location": "user",  "categories": "['Mens & Womens', 'Mens Singles', 'Wormen Singles', 'Men Doubles', 'Women Doubles']",  "scoring\_point": "30,98",  "description": "bot",  "id": "28c96536-1c0f-4a23-96cd-6de47eaad898",  "league\_name": "US Open",  "round\_robin\_period\_from": "01/03/2018",  "round\_robin\_period \_to": "07/03/2018",  "playoff\_period\_from": "01/03/2018",  "playoff\_period\_to": "07/03/2018",  “groups”: [{  "group\_name": "group 1",  "id": "97133291-06c6-4f46-b74f-3b508e0d317c"  }],  "players": ["shashank@damcogroup.com", "[sam@damcogroup.com](mailto:sam@damcogroup.com)", “alok@damcogroup.com”]  }] |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* Detail

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league/{league\_id} |
| Description | Retrieve league information by id |
| Method | GET |
| Header | Content Type – application/json |
| Request |  |
| Response | {  "league\_location": "New York",  "categories": "['Mens & Womens', 'Mens Singles', 'Wormen Singles', 'Men Doubles', 'Women Doubles']",  "scoring\_point": "30,98",  "description": "bot",  "id": "00b228af-0b6f-4287-b8b7-9b78c45e14fd",  "league\_name": "Wimbledon",  "round\_robin\_period\_from": "01/03/2018",  "round\_robin\_period \_to": "07/03/2018",  "playoff\_period\_from": "01/03/2018",  "playoff\_period\_to": "07/03/2018",  “groups”: [{  "group\_name": "group 1",  "id": "97133291-06c6-4f46-b74f-3b508e0d317c"  }],  "players": ["shashank@damcogroup.com", "[sam@damcogroup.com](mailto:sam@damcogroup.com)", “alok@damcogroup.com”]  }, |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* Delete League

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league/{league\_id} |
| Description | Delete a league |
| Method | DELETE |
| Header | Content Type – application/json |
| Request |  |
| Response | {  "res": “League deleted successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* 1. Group Management
* Create

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league/group |
| Description | Create a league group |
| Method | POST |
| Header | Content Type – application/json |
| Request | {  "group\_name": "Wimbledon",  "players":[ "bc8dc2d6-5791-454f-bca7-4d2d86ac0b50",  "39fa6625-283e-4984-9b62-8a9f21977a01"]  } |
| Response | {  "res": “Group created successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response | {  "res": “Group already exists”  } |

* Update

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league/group/{group\_id} |
| Description | Update group |
| Method | PUT |
| Header | Content Type – application/json |
| Request | {  "league\_name": "Wimbledon",  "players":[ "bc8dc2d6-5791-454f-bca7-4d2d86ac0b50",  "39fa6625-283e-4984-9b62-8a9f21977a01"]  } |
| Response | {  "res": “Group updated successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* List

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league/group |
| Description | List groups |
| Method | GET |
| Header | Content Type – application/json |
| Request |  |
| Response | [{  "id": "28c96536-1c0f-4a23-96cd-6de47eaad898",  "group\_name": "Wimbledon",  "players":[ "bc8dc2d6-5791-454f-bca7-4d2d86ac0b50",  "39fa6625-283e-4984-9b62-8a9f21977a01"]  }, {  "id": "28c96536-1c0f-4a23-96cd-6de47eaad898",  "group\_name": "US Open",  "players":[ "bc8dc2d6-5791-454f-bca7-4d2d86ac0b50",  "39fa6625-283e-4984-9b62-8a9f21977a01"]  }] |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* Detail

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league/group/{group\_id} |
| Description | Detail of group by id |
| Method | GET |
| Header | Content Type – application/json |
| Request |  |
| Response | {  "id": "28c96536-1c0f-4a23-96cd-6de47eaad898",  "group\_name": "Wimbledon",  "players":[ "bc8dc2d6-5791-454f-bca7-4d2d86ac0b50",  "39fa6625-283e-4984-9b62-8a9f21977a01"]  } |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |

* Delete League

|  |  |
| --- | --- |
| URL | <https://8gmku063fh.execute-api.us-east-2.amazonaws.com/demo>/league/group/{id} |
| Description | Delete a group |
| Method | DELETE |
| Header | Content Type – application/json |
| Request |  |
| Response | {  "res": “Group deleted successfully”  } |
| Response Code | 200 - Success  400 - Error |
| Error Response |  |