**API SPEC**

**USER**

1. **Login**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/auth/login |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | false |
| **Request Body** | |
| userName | String - Mandatory |
| password | String - Mandatory |
| **Response Body** | {  "userId": string,  "userRoles": [  string  ],  "accessToken": string,  "tokenType": string  } |

1. **Register**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/auth/register |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | false |
| **Request Body** | |
| userEmail | String - Mandatory |
| userName | String - Mandatory |
| userPassword | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "userId": string,  "userEmail": string,  "userName": string  },  "paging": null,  "errors": null  } |

1. **Get User Detail**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL** | /api/users?userId={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| userId | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "userId": string,  "userEmail": string,  "userName": string,  "userProfilePicture": string,  "userCreatedAt": string  },  "paging": null,  "errors": null  } |

**Project Board**

1. **Get Project Board**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL** | /api/board?userId={string}&status={boolean} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| userId | String - Mandatory |
| status | Boolean – Mandatory {ONGOING/FINISHED} |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "projectsStatus": Boolean,  "projects": [  {  "id": string,  "name": string,  "description": string,  "members": [  {  "id": string,  "userName": string,  "userProfilePicture"  }  ],  "createdAt": string  }  ],  },  "paging": null,  "errors": null  } |

1. **Add Project Board**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/board |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Body** | |
| name | String - Mandatory |
| description | String – Mandatory |
| membersId | ArrayOfString(id) - Optional |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "projectsStatus": boolean,  "projects": [  {  "id": string,  "name": string,  "description": string,  "members": [  {  "id": string,  "userName": string,  "userProfilePicture"  }  ],  "createdAt": string  }  ],  },  "paging": null,  "errors": null  } |

1. **Remove Project**

|  |  |
| --- | --- |
| **Method** | **DELETE** |
| **URL** | /api/board?id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| id | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "projectsStatus": boolean,  "projects": [  {  "id": string,  "name": string,  "description": string,  "members": [  {  "id": string,  "userName": string,  "userProfilePicture"  }  ],  "createdAt": string  }  ],  },  "paging": null,  "errors": null  } |

1. **Update Project**

|  |  |
| --- | --- |
| **Method** | **PUT** |
| **URL** | /api/board?id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | True |
| **Request Parameter** | |
| id | String – Mandatory |
| **Request Body** | |
| name | String - Mandatory |
| description | String – Mandatory |
| projectStatus | Boolean – Mandatory {ONGOING/FINISHED} |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "projectsStatus": boolean,  "projects": [  {  "id": string,  "name": string,  "description": string,  "members": [  {  "id": string,  "userName": string,  "userProfilePicture": string  }  ],  "createdAt": string  }  ],  },  "paging": null,  "errors": null  } |

1. **Get Project Detail**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL** | /api/board/details?id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| Id | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "projectsStatus": boolean,  "id": string,  "name": string,  "description": string,  "kanbanList": [  {  "id": string,  "name": string,  "taskList": [  {  "title": string,  "tag": string,  "tagColors": string,  "taskEstimatedTime": string,  "taskTimeLeft": string,  "taskImage": [  { "img": string}  ],  "assignTo": {  "id": string,  "name": string,  "userProfilePicture": string  }  }  ]  }  ],  "createdAt": string  }  "paging": null,  "errors": null  } |

**Card**

1. **Get Task Card (move to Get Project Detail)**
2. **Add Task Card**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/card?idProject={string}&idKanban={string}&idUser={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| idKanban | String - Mandatory |
| **Request Body** | |
| titleCard | String - Mandatory |
| labelCard | String - Mandatory |
| estimatedTime | String - Mandatory |
| description | String - Mandatory |
| Attachment | arrayOfString - optional |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

1. **Update Task Card**

|  |  |
| --- | --- |
| **Method** | **PUT** |
| **URL** | /api/card?idProject={string}&idKanban={string}&idUser={string}&idCard={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| idKanban | String - Mandatory |
| idCard | String - Mandatory |
| **Request Body** | |
| titleCard | String - Mandatory |
| labelCard | String - Mandatory |
| estimatedTime | String - Mandatory |
| description | String - Mandatory |
| Attachment | arrayOfString - optional |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

1. **Delete Task Card**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/card?idProject={string}&idKanban={string}&idUser={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| idKanban | String - Mandatory |
| **Request Body** | |
| idCard | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

**List**

1. **Add List Project**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/list?idProject={string}&idUser={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| **Request Body** | |
| titleList | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

1. **Edit List Project**

|  |  |
| --- | --- |
| **Method** | **PUT** |
| **URL** | /api/list?idProject={string}&idUser={string}&idList={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| idList | String - Mandatory |
| **Request Body** | |
| titleList | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

1. **Delete List Project**

|  |  |
| --- | --- |
| **Method** | **DELETE** |
| **URL** | /api/list?idProject={string}&idUser={string}&idList={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| idList | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

**Label**

1. **Get Label**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL** | /api/label?idProject={string}&id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| id | String - Mandatory |
| idProject | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "labelList": [  {  "id": string,  "labelName": string,  "color": string  }  ],  "createdAt": string  }  "paging": null,  "errors": null  } |

1. **Create Label**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/label?idProject={string}&idUser={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| **Request Body** | |
| titleList | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

1. **Edit Label**

|  |  |
| --- | --- |
| **Method** | **PUT** |
| **URL** | /api/list?idProject={string}&idUser={string}& idLabel={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| idLabel | String - Mandatory |
| **Request Body** | |
| labelName | String - Mandatory |
| labelColor | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

1. **Delete Label**

|  |  |
| --- | --- |
| **Method** | **DELETE** |
| **URL** | /api/label?idProject={string}&idUser={string}&idLabel={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| idUser | String - Mandatory |
| idProject | String - Mandatory |
| idLabel | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

**Record**

1. **Get Record Detailed**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL** | /api/record/detailed?idProject={string}&id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| id | String - Mandatory |
| idProject | String – Mandatory |
| **Request Body** | |
| date | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "listWorkLog": [  {  "id": string,  "taskName": string,  "workTime": string,  "assigned": string,  "labelName": string,  "color": string,  "userProfilePicture": string,  }  ],  "createdAt": string  }  "paging": null,  "errors": null  } |

1. **Get Record Summary**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL** | /api/record/summary?idProject={string}&id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | True |
| **Request Parameter** | |
| id | String – Mandatory |
| idProject | String – Mandatory |
| **Request Body** | |
| date | String – Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "listWorkLog": [  {  "id": string,  "workLogName": string,  "taskName": string,  "workTime": string,  "assigned": string,  "labelName": string,  "color": string,  "userProfilePicture": string,  }  ],  "createdAt": string  }  "paging": null,  "errors": null  } |

**List Member**

1. **Get List member**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL** | /api/member/idProject={string}&id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | True |
| **Request Parameter** | |
| id | String – Mandatory |
| idProject | String – Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "listMember": [  {  "id": string,  "name": string,  "status": string,  "userProfilePicture": string,  }  ],  "createdAt": string  }  "paging": null,  "errors": null  } |

1. **Add List member**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/member/idProject={string}&id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | True |
| **Request Parameter** | |
| id | String – Mandatory |
| idProject | String – Mandatory |
| **Request Body** | |
| id | String – Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

1. **Delete List Member**

|  |  |
| --- | --- |
| **Method** | **DELETE** |
| **URL** | /api/member/idProject={string}&id={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | True |
| **Request Parameter** | |
| id | String – Mandatory |
| idProject | String – Mandatory |
| **Request Body** | |
| id | String – Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

**Notification**

1. **Get Notification**

|  |  |
| --- | --- |
| **Method** | **GET** |
| **URL** | /api/notification?userId={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | true |
| **Request Parameter** | |
| userId | String - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "data": {  "notificationList": [  {  "userId": string,  "userName": string,  "projectName": string,  "userProfilePicture": string,  }  ],  "createdAt": string  },  "paging": null,  "errors": null  } |

1. **Invitation action**

|  |  |
| --- | --- |
| **Method** | **POST** |
| **URL** | /api/notification?userId={string} |
| **Request Header** | |
| Accept | application/json |
| **Authorized** | True |
| **Request Parameter** | |
| userId | String - Mandatory |
| **Request Body** | |
| id | String – Mandatory |
| accept | Boolean - Mandatory |
| **Response Body** | {  "code": integer,  "status": string,  "paging": null,  "errors": null  } |

1. **s**