Upon authorisation (ie. calling the login/sign up endpoints), a cookie will be set by the API. This cookie is expected to be sent along with all other requests that require authorisation.

## Generic authorisation error

### Error response

| error | Object |
| --- | --- |
| error.message | “Invalid authentication token” |

### 

## 

## Sign up

### POST /users/signup

| username | String |
| --- | --- |
| password | String |
| email | String |

### Response

| username | String |
| --- | --- |
| password | String |
| email | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “A user with user {username} already exists” |

### 

## Login

### POST /users/login

| username | String |
| --- | --- |
| password | String |

### Response

| username | String |
| --- | --- |
| password | String |
| email | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “Invalid username or password” |

### 

## 

## Get projects for user

### GET /projects

### Response

| projects | Array<{  \_id: String  name: String  background: String  users: Array<String>  sections: Array<String>  }> |
| --- | --- |

## 

## Create project

### POST /projects

| name | String |
| --- | --- |
| background | String |
| sectionData? | Array<{  name: String  colour: String  icon: String  }> |

### Response

| \_id | String |
| --- | --- |
| project | Object |
| project.name | String |
| project.background | String |
| project.users | Array<String> |
| project.sections | Array<String> |

### 

## 

## Get project data

### GET /projects/:projectId

### Response

| \_id | String |
| --- | --- |
| project | Object |
| project.name | String |
| project.background | String |
| project.users | Array<String> |
| project.sections | Array<String> |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### 

## 

## Get project sections

### GET /projects/:projectId/sections

### Response

| sections | Array<{  \_id: string  name: string  background: string  icon: string  }> |
| --- | --- |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### 

### 

## 

## Create sections

### POST /projects/:projectId/sections

| sections | Array<{  name: String  colour: String  icon: String  }> |
| --- | --- |

### Response

| sections | Array<{  \_id: string  name: string  background: string  icon: string  }> |
| --- | --- |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### 

## 

## Update section

### PATCH /projects/:projectId/sections/:sectionId

| name | String |
| --- | --- |
| colour | String |
| icon | String |

### Response

| \_id | String |
| --- | --- |
| name | String |
| colour | String |
| Icon | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### 

### 

## 

## Create task

### POST /projects/:projectId/sections/:sectionId//tasks

| name | String |
| --- | --- |
| dueDate? | Date |
| assignee? | String |

### Response

| task | Object |
| --- | --- |
| task.\_id | String |
| task.name | String |
| task.dueDate? | Date |
| task.assignee? | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

## 

## Update task

### PATCH /projects/:projectId/sections/:sectionId/tasks/:taskId

| name? | String |
| --- | --- |
| dueDate? | date |
| tagId? | String |

### Response

| task | Object |
| --- | --- |
| task.\_id | String |
| task.name | String |
| task.dueDate? | Date |
| task.assignee? | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No task with id {id} found” |

## 

## Delete task

### DELETE /projects/:projectId/sections/:sectionId/tasks/:taskId

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No task with id {id} found” |

## 

## Update task assignee

### POST /projects/:projectId/sections/:sectionId/tasks/:taskId/assignee

| id? | String |
| --- | --- |

### Response

| assignee | string |
| --- | --- |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No task with id {id} found” |

## 

## Add watcher

### POST /projects/:projectId/sections/:sectionId/tasks/:taskId/watchers

| id | String |
| --- | --- |

### Response

| watchers | Array<string> |
| --- | --- |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No task with id {id} found” |

## 

## Add checklist item

### POST /projects/:projectId/sections/:sectionId/tasks/:taskId/checklistItems

| status | Enum(“DONE”, “IN\_PROGRESS”) |
| --- | --- |
| description | String |

### Response

| checklistItems | Array<{  description: string  status: Enum(“DONE”, “IN\_PROGRESS”)  \_id: number  }> |
| --- | --- |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No task with id {id} found” |

## 

## Update checklist items

### PATCH /projects/:projectId/sections/:sectionId/tasks/:taskId/checklistItems

| checklistItems | Array<{  status: Enum(“DONE”, “IN\_PROGRESS”)  description: String  }> |
| --- | --- |

### Response

| checklistItems | Array<{  description: string  status: Enum(“DONE”, “IN\_PROGRESS”)  \_id: number  }> |
| --- | --- |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No task with id {id} found” |

## 

## Add task comment

### POST /projects/:projectId/sections/:sectionId/tasks/:taskId/comments

| text | String |
| --- | --- |

### Response

| comment | Object |
| --- | --- |
| comment.\_id | String |
| comment.text | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No task with id {id} found” |

## 

## Edit task comment

### POST /projects/:projectId/sections/:sectionId/tasks/:taskId/comments/:commentId

| text? | String |
| --- | --- |

### Response

| comment | Object |
| --- | --- |
| comment.\_id | String |
| comment.text | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No section with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No task with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No comment with id {id} found” |

## 

## Create tag

### POST /projects/:projectId/tags

| name | String |
| --- | --- |

### Response

| tag | Object |
| --- | --- |
| tag.\_id | String |
| tag.name | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

## 

## 

## Update tag name

### PATCH /projects/:projectId/tags/:tagId

| name | String |
| --- | --- |

### Response

| tag | Object |
| --- | --- |
| tag.\_id | String |
| tag.name | String |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No tag with id {id} found” |

## 

## Get tasks for tag

### GET /projects/:projectId/tags/:tagId/tasks

| name | String |
| --- | --- |

### Response

| tasks | Array<{  \_id: String  name: String  status: ENUM(“IN\_PROGRESS”, “DONE”, “ON\_HOLD”, “DELETED”)  dueDate: Date  section: String  assignee: String  watchers: Array<String>  checklistItems: Array<String>  comments: Array<{  \_id: String  text: String  }>  historyItems: Array<{  \_id: String  type: ENUM(“CREATE”, “ASSIGN”, “UPDATE”)  dateTime: Date  detail: String  }>  tags: Array<{  \_id: String  name: String  }>  }> |
| --- | --- |

### Error response

| error | Object |
| --- | --- |
| error.message | “No project with id {id} found” |

### Error response

| error | Object |
| --- | --- |
| error.message | “No tag with id {id} found” |