**Base URL**

**The API is hosted at:**

http://35.221.42.253/

**User Routes**

**Create User**

**• Endpoint:** http://35.221.42.253/users/

**• Method:** POST

**• Description:** Creates a new user.

**Get All Users**

**• Endpoint:** http://35.221.42.253/users/

**• Method:** GET

**• Description:** Fetches all users.

**Get User by ID**

**• Endpoint:** http://35.221.42.253/users/<int:user\_id>/

**• Method:** GET

**• Description:** Fetches details of a user by their ID.

**Assign User to Group**

**• Endpoint:** http://35.221.42.253/users/<int:user\_id>/

**• Method:** PUT

**• Description:** Assigns a user to a specific group.

**Delete User**

**• Endpoint:** http://35.221.42.253/users/<int:user\_id>/

**• Method:** DELETE

**• Description:** Deletes a user by their ID.

**Group Routes**

**Create Group**

**• Endpoint:** http://35.221.42.253/groups/

**• Method:** POST

**• Description:** Creates a new group.

**Get All Groups**

**• Endpoint:** http://35.221.42.253/groups/

**• Method:** GET

**• Description:** Fetches all groups.

**Get Group by ID**

**• Endpoint:** http://35.221.42.253/groups/<int:group\_id>/

**• Method:** GET

**• Description:** Fetches a group by its ID.

**Delete Group**

**• Endpoint:** http://35.221.42.253/groups/<int:group\_id>/

**• Method:** DELETE

**• Description:** Deletes a group by its ID.

**Task Routes**

**Create Task**

• **Endpoint**: http://35.221.42.253/groups/<int:group\_id>/tasks/

• **Method**: POST

• **Description**: Creates a new task and assigns it to a specific group.

**Update Task**

• **Endpoint**: http://35.221.42.253/tasks/<int:task\_id>/

• **Method**: PUT

• **Description**: Updates the task name, description, and due date of an already made task, depending on whatever is provided.

**Get All Tasks**

• **Endpoint**: http://35.221.42.253/tasks/

• **Method**: GET

• **Description**: Fetches all tasks.

**Get Task by ID**

• **Endpoint**:http://35.221.42.253/tasks/<int:task\_id>/

• **Method**: GET

• **Description**: Fetches a specific task by its ID.

**Delete Task**

• **Endpoint**: http://35.221.42.253/tasks/<int:task\_id>/

• **Method**: DELETE

• **Description**: Deletes a specific task by its ID.

**Post Routes**

**Create Post**

• **Endpoint**: http://35.221.42.253/posts/

• **Method**: POST

• **Description**: Creates a new post.

**Get All Posts**

• **Endpoint**: http://35.221.42.253/posts/

• **Method**: GET

• **Description**: Fetches all posts.

**Get Post by ID**

• **Endpoint**: http://35.221.42.253/posts/<int:post\_id>/

• **Method**: GET

• **Description**: Fetches a specific post by its ID.

**Delete Post**

• **Endpoint**: http://35.221.42.253/posts/<int:post\_id>/

• **Method**: DELETE

• **Description**: Deletes a specific post by its ID.

**Comment Routes**

**Create Comment**

• **Endpoint**: http://35.221.42.253/posts/<int:post\_id>/comments/

• **Method**: POST

• **Description**: Creates a new comment and associates it with a post.

**Update Comment**

• **Endpoint**: http://35.221.42.253/comments/<int:comment\_id>/

• **Method**: PUT

• **Description**: Updates the description and timestamp of an already made comment.

**Get All Comments**

• **Endpoint**: http://35.221.42.253/comments/

• **Method**: GET

• **Description**: Fetches all comments.

**Get Comment by ID**

• **Endpoint**: http://35.221.42.253/comments/<int:comment\_id>/

• **Method**: GET

• **Description**: Fetches a specific comment by its ID.

**Delete Comment**

• **Endpoint**: http://35.221.42.253/comments/<int:comment\_id>/

• **Method**: DELETE

• **Description**: Deletes a specific comment by its ID.