CodeScheme API

| Method | Endpoint | Description | Input JSON | Output JSON |
|---|---|---|---|---|
| POST | /user | Create user | username, email, password | user created message |
| GET | /user/:username | Get a user's profile | username | userName, github, skills_known, skills_wanted, bio, city, school, projects (array of project ids), past_projects (array of project ids) |
| GET | /user/:username/private | Get a user's email, projects, and projects they are following | | email, projects (array of project ids), and following_projects (array of project ids) |
| DELETE | /user/:username | Delete a user | password | HTTP OK |
| PUT | /user/:username | Edit user profile | oldPassword, [password], [email], [skills_known], [skills_wanted], [projects], [following_projects], [bio], [school], [city], [github] | HTTP OK |
| POST | /project | Create project | projectTitle, [short_description], | Project created message |

| | | | [description], creator, [additional creator(s)], [moderator(s)], [contributor(s)], [num_members_needed], [active (boolean, default true)], [skills_used], [tags], [github], [city], [school] | |
|---|---|---|---|---|
| GET | /project/project_id | Get project profile | | Title,short_description, long_description, num_members, active(boolean), creators(array user_id), moderators(array user_id), contributors(array user_id), skills_used(array), tags(array), join_requests(array user_id) github, city, school. |
| PUT | /project/project_id | Edit project profile | [short_description], [description], [num_members], [active], [creators], [moderators], [contributors], [skills_used], [tags], [join_requests], | HTTP OK |

| | | | [github], [city], [school] | |
|---|---|---|---|---|
| DELETE* | /project/proje ct_id | Delete project (only creator(s) can delete a project). | {} | HTTP OK |

User {

    _id: Number,

    username:String (required),

    password: String (required),

    bio: String,

    email: String (required),

    github: String,

    skills_known: [{skill_name, level}],

    skills_wanted: [{skill_name, level}],

    city: String,

    school: String,

    projects: [project_ID],

    following_projects: [object_ID]

}

Project {

    _id: Number,

    title: String (required),

    short_description: String (required),

    description: String,

num_members_needed: Number,

active: boolean (default true),

creator(s): [user_ID] (at least one required),

moderator(s): [user_ID],

contributor(s): [user_ID],

join_request(s): [user_ID],

skills_used: [{skill_name, level}],

tags: [String],

github: String,

city: String,

school: String.
}