

CodeScheme API

Method	Endpoint	Description	Input JSON	Output JSON
POST	/user	Create user	username, email, password	
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 and projects they are following		email, following_projects (array of project ids)
DELETE	/user/:username	Delete a user	{}	HTTP OK
PUT	/user/:username	Edit user profile	oldPassword, [password], [email], [skills_learned], , [skills_wanted], [projects], [following_projects], [bio]	HTTP OK
POST	/project	Create project	projectTitle, [short_description], [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, 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], [github], [city], [school]	
DELETE*	/project/project_id	Delete	{ }	Just an HTTP

	ct_id	project (only creator(s) can delete a project).		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.
}
```