Rest API: Project

# Data Type

Project {

id (integer),

name (string),

image (string, optional), \*\* Image file name. TODO: refactor to image file content instead of file name

organizationId,

organizationName (string),

briefDescription (string), \*\* This is the brief description which has length limit

detailedDescription (string), \*\* This is the detailed description

remote (string), \*\* Whether this is a remote project or not, value: [ Y | N ]

address1(string, optional),

address2(string, optional),

city(string, optional),

state (string, optional),

country (string, optional),

zip (string, optional),

createDate (string), \*\* The date that project is created

status (string) \*\* Project status, value: [Pending | Active | Completed | Cancelled]

}

# Operations

|  |  |  |
| --- | --- | --- |
| **Operation** | **Method** | **Description** |
| /api/project/all | GET | Returns all projects.  Sort by post date in descending order. |
| /api/project/search/byId/{id} | GET | Search for project by ID. |
| /api/project/search/byKeyword/{keyWord} | GET | Search for projects by keyword.  Search for keyword in:   * project name * project description * organization name |
| /api/project/create | POST | Create a project.  Study how to save an image file to database column. |
| /api/project/update | PUT | Update a project. |
| /api/project/delete/{id} | DELETE | Delete a project.  Soft delete by marking the database record as deleted, don't delete the physical record. |
| /api/project/bookmark/save/{projectId, userId} | POST | Add the project to user’s bookmark   1. Insert a record into database table: BOOKMARK |
| /api/project/bookmark/search/{ userId} | GET | Retrieve bookmarked projects for the user |
| /api/project/apply/{projectId, userId} |  | Apply for the project.   1. Insert a record into database table: Application\_Project 2. Send an email notification to organization with   Email from: [info@code4socialgood.org](mailto:info@code4socialgood.org)  Email to: organization email  Subject: You received an application for project  Body: You received an application for project xxx. Please contact the application at <applicant email address> |