**Independent Artist Release System**

**Project Description**

The application facilitates detailed viewing of an artist’s upcoming projects. Each artist can be linked to multiple projects and a single manager, identified by their Manager ID. Authenticated users of the API can access the artist's profile, view all upcoming projects, and, if applicable, managers can similarly access information about their associated artists. Authenticated users can create, update, and delete projects after establishing a profile. While users can update their profiles independently, account deactivation requires admin intervention. Admins have the authority to re-enable accounts, view all users, and access user accounts and projects. However, they cannot modify these accounts or projects, as this authority is reserved for the individual account holders and their managers.

**Functional Requirements**

As an annonymous user, I can:

* Register a new account.
* Login using a username and password.

As an authenticated user, I can:

* View all projects released by me.
* View my artist page.
* As a registered manager, view/update my artist’s page.
* Create an artist page
* Update my artist page.
* Add a project.
* Update my project.
* Delete my project.
* Click "Logout" to logout of the application.

As an authenticated ADMIN user, I can:

* View a list of all artists.
* View a list of all managers.
* View a list of all users of the system.
* Visit all artists and managers pages.
* View projects released by an artist.
* Disable users.
* Edit page

**ERD**

**API Endpoints**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Endpoint | Method | Query Parameters | Description | Success | Error | Authentication |
| /projects | Get | None | Get all projects for currently authenticated users | 200 | 400 401 | Required (Response is limited to projects owned by currently authenticated user |
| /projects | Get | None | Get all projects of all artists | 200 | 400 401 | ADMIN |
| /projects/{projectId} | Put | None | Update selected project of authenticated user | 200 | 400 | Required (Can only access projects owned by currently authenticated user |
| /projects | Post | None | Add a new project and assign it to authenticated user (TBD – how to have the manager add a project and ensure its assigned to their artist) | 201 | 400 401 | Required (Assigned to authenticated user) |
| /projects/{projectId} | Delete | None | Delete a selected project of authenticated user | 204 | 400 401 | Required (Can only access projects owned by currently authenticated user |
| /users | Put | Optional -Enabled (Boolean) | Enables or disables a users account | 200 | 400 | ADMIN |
| /users | Get | Optional -Enabled (Boolean) | Get all users, or just enabled users or disabled users of the application | 200 | 400 401 | ADMIN |
| /artists | TBD | TBD | TBD | TBD | TBD | TBD |
| /managers | TBD | TBD | TBD | TBD | TBD | TBD |