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.

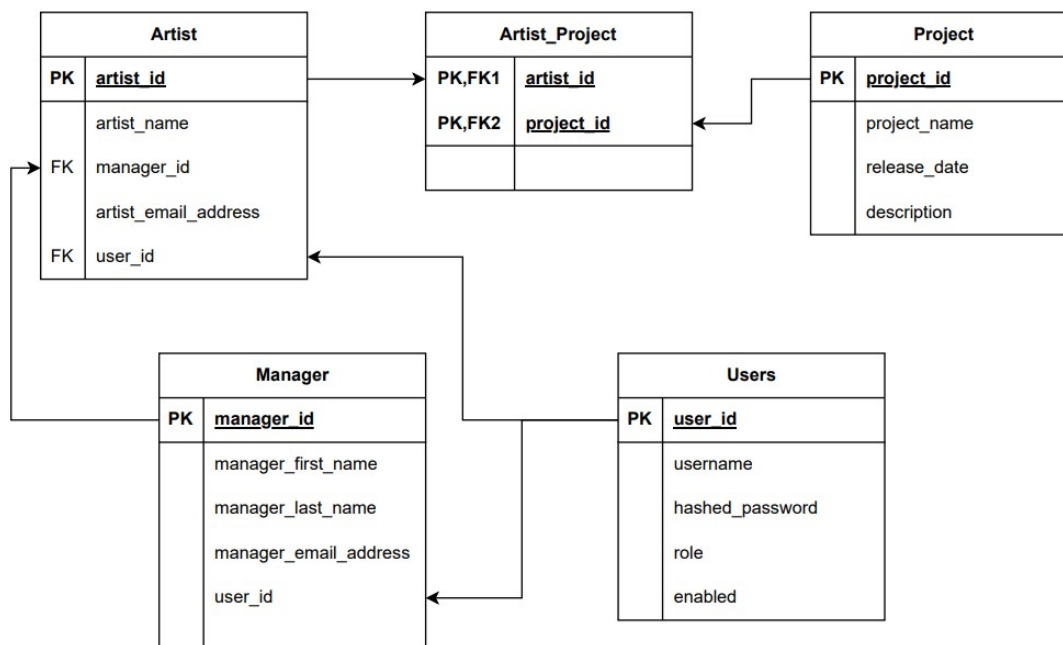## Functional Requirements

As an authenticated user, I can:
- View all projects released by me.
- View projects released by me within a date range.
- View my artist page.
- As a registered manager, view/update my artist's page.
- Create an artist page (How do I ensure they can only create one?)
- Update my artist page.
- Add a project.
- Update my project.
- Delete my project.
- Add my manager to view/update my artist profile.
- Remove my manager from my artist profile.

As an authenticated ADMIN user, I can:
- View a list of all artists.
- View an artist by their Artist ID.
- View artists by their manager.

- View artists on a project
- View a list of all managers.
- View a manager by their Manager ID.
- View a manager by the artist they are managing.
- View a list of all projects.
- View a project by its Project ID.
- View projects released within a date range.
- View projects released by an artist.
- Delete an artist page.
- Delete users.

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