

Table Description

1. User Table:

- Description: Stores user information, including username, password, first name, last name, and role.
- Fields:
 - username: Unique identifier for the user.
 - password: Hashed password for user authentication.
 - first_name: First name of the user.
 - last_name: Last name of the user.
 - role: Role or designation of the user within the application.

2. Administrator Table:

- Description: Represents administrators and their details.
- Fields:
 - admin_id: Unique identifier for the administrator.
 - user_id: Foreign key referencing the User table to associate the administrator with a user.

3. ProjectManager Table:

- Description: Stores project managers and their contact information.
- Fields:
 - manager_id: Unique identifier for the project manager.
 - user_id: Foreign key referencing the User table to associate the project manager with a user.
 - contact_info: Contact information for the project manager.

4. Developer Table:

- Description: Contains developer details.
- Fields:
 - developer_id: Unique identifier for the developer.
 - user_id: Foreign key referencing the User table to associate the developer with a user.
 - title: Title or position of the developer.
 - contact_info: Contact information for the developer.

5. Customer Table:

- Description: Represents customers and their information.
- Fields:
 - customer_id: Unique identifier for the customer.
 - user_id: Foreign key referencing the User table to associate the customer with a user.

6. Project Table:

- Description: Stores project information.
- Fields:
 - project_id: Unique identifier for the project.
 - title: Title of the project.
 - description: Description of the project.
 - start_date: Start date of the project.
 - end_date: End date of the project.
 - project_manager_id: Foreign key referencing the ProjectManager table to assign a project manager to the project.

7. Issue Table:

- Description: Manages issues related to projects.
- Fields:
 - issue_id: Unique identifier for the issue.
 - issue_type: Type or category of the issue.
 - summary: Summary or brief description of the issue.
 - description: Detailed description of the issue.
 - project_id: Foreign key referencing the Project table to associate the issue with a project.
 - creator_id: Foreign key referencing the User table to identify the creator of the issue.
 - handler_id: Foreign key referencing the User table to assign a handler or assignee for the issue.
 - status: Current status of the issue.
 - priority: Priority level assigned to the issue.
 - due_date: Due date for resolving the issue.
 - comments: Additional comments or updates related to the issue.
 - attachments: Attachments or files associated with the issue.