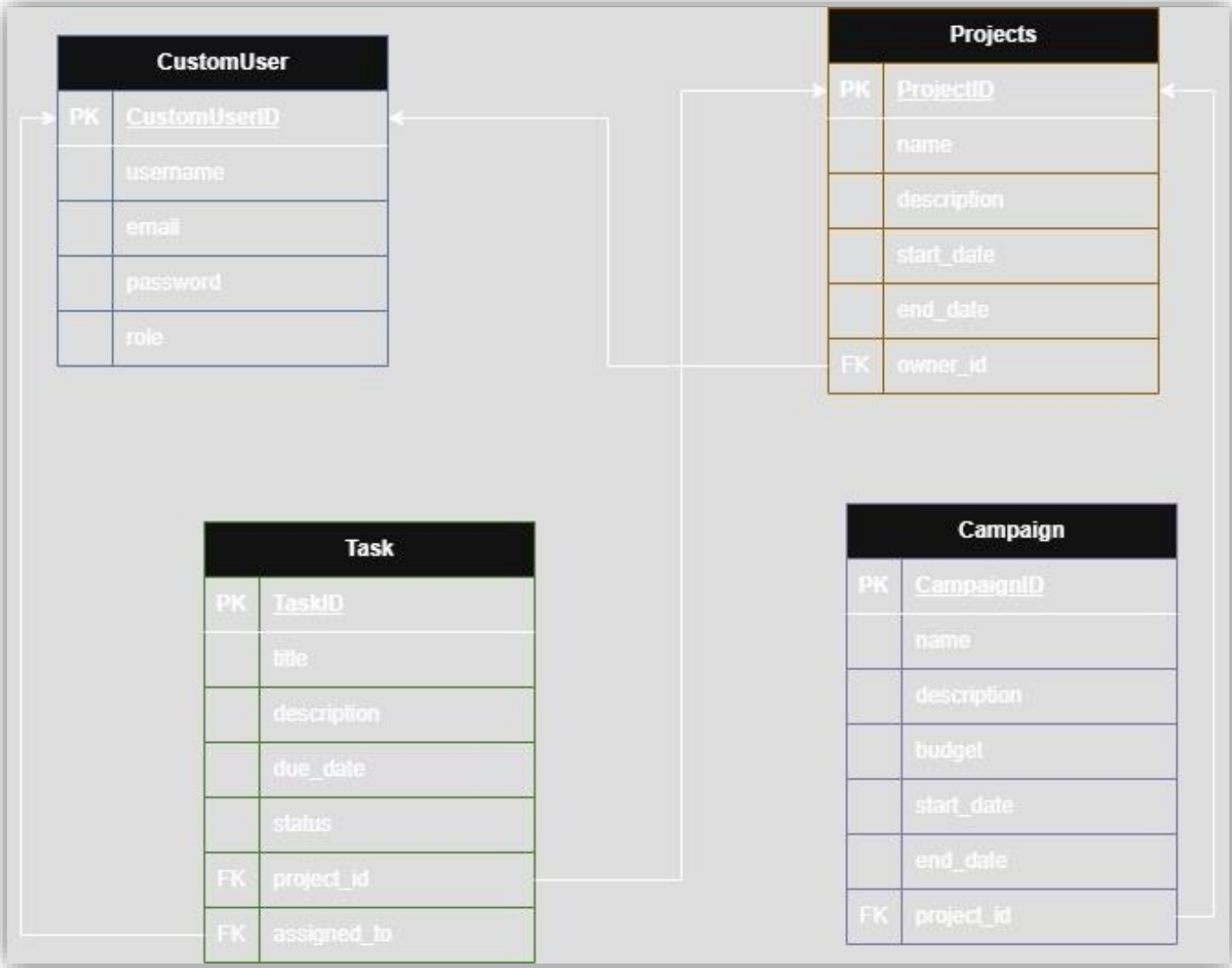


Entity Relationship Diagram (ERD)



Entities and Relationships:

1. CustomUser:

- Fields: CustomUserID (PK), username, email, password, role
- Description: Stores users with roles like Project Manager, Advertiser, or Client.

2. Projects:

- Fields: ProjectID (PK), name, description, start_date, end_date, owner_id (FK to CustomUser) - Description: Represents a unit of work owned by a user.

3. Task:

- Fields: TaskID (PK), title, description, due_date, status, project_id (FK), assigned_to (FK) - Description: Tasks are created under a project and assigned to users.

4. Campaign:

- Fields: CampaignID (PK), name, description, budget, start_date, end_date, project_id (FK) - Description: Represents marketing or ad efforts associated with projects.

Relationships:

- One CustomUser owns many Projects.
- One Project has many Tasks and Campaigns.
- Tasks are assigned to one user.