Entity Dictionary:

# Club:

**Description:** An organization within the university that hosts events and has members.

# Attributes:

* ClubID: Integer, an identifying number for the club
* Name: Varchar(80), the name of the club
* Type: Varchar(50), the type of the club (e.g., academic, social, sports, etc.).
* FoundedDate: Date, the date when the club was founded
* Primary Key: ClubID

# Club Faculty:

**Description:** A connection between students, clubs, and faculty.

# Attributes:

* ClubFacultyID: Integer, a unique identifier for the ClubFaculty relationship.
* Role: Varchar(20), specifies the role of the user in the club (e.g., member, organizer)
* JoinDate: Date, the date when the user joined the club
* Primary Key: ClubFacultyID

# Club Leaders:

**Description:** The user leaders of which clubs.

# Attributes:

* Organizing Experience: Integer, experience in organizing club activities.
* Primary Key: Inherits ClubFacultyID from superclass Club Faculty

# Club Organizers:

**Description:** The user organizers of which clubs.

# Attributes:

* Leadership Experience: Integer, experience in leadership roles.
* VisionForTheClub: Text, vision for the club's future and direction.
* Primary Key: Inherits ClubFacultyID from superclass Club Faculty

# Community Service:

**Description:** The club faculty hosts a community service for the club.

# Attributes:

* Service: Varchar(20), specifies what the service will be
* Primary Key: Inherits EventID from superclass Event

# Discussion Forum:

**Description:**A digital platform designed for engaging users in online discussions

# Attributes:

* ForumID: Integer, an identifying number for the discussion forum
* Title: Varchar(100), the title of the forum
* Description: Text, a brief description of the forum's purpose
* CreatedDate: Date, the date when the forum was created
* Primary Key: ForumID

# Employee:

**Description:** Employees within the club/university application system.

# Attributes:

* Salary: Integer, the salary of the employee.
* Primary Key: Inherits UserID from superclass User

# Event:

**Description:** Various events organized within the university by clubs.

# Attributes:

* EventID: Integer, an identifying number for the event
* EventName: Varchar(80), the name of the event
* EventType: Varchar(20), specifies the type of event (workshop, seminar, social, etc.)
* Date: Date, the date of the event
* StartTime: Time, the start time of the event
* EndTime: Time, the end time of the event
* Location: Varchar(100), the location where the event will be held
* Description: Text, a brief description of the event
* Primary Key: EventID inherits from weak entity

# Faculty:

**Description:** Faculty members of the university.

# Attributes:

* Department: Varchar(50), the department where the faculty member works
* Primary Key: Inherits UserID from superclass User

# Graduate:

**Description:** Graduate students within the university.

# Attributes:

* DegreeProgram: Varchar(50), the degree program the graduate student is enrolled in.
* Primary Key: Inherits UserID from superclass User

# Post:

**Description:** User-generated posts within the university's club application.

# Attributes:

* PostID: Integer, an identifying number for the post
* Content: Text, the content of the post
* PostedBy: Integer, the ID of the user who posted the post
* PostedDate: Date, the date when the post was created
* Primary Key: PostID

# Seminar:

**Description:** A type of event representing seminars organized by clubs.

# Attributes:

* Topic: Varchar(100), the topic of the seminar
* Speaker: Varchar(100), the name of the speaker/presenter
* Primary Key: Inherits EventID from superclass Event

# Social:

**Description:** A type of event representing social gatherings organized by clubs.

# Attributes:

* Activity: Varchar(100), the activity planned for the social event
* Primary Key: Inherits EventID from superclass Event

# Staff:

**Description:** Staff members of the university.

# Attributes:

* Position: Varchar(50), the position/title of the staff member
* Primary Key:Inherits UserID from superclass User

# Student:

**Description:** Students enrolled in the university.

# Attributes:

* Major: Varchar(50), the major of the student
* GraduationDate: Date, the expected graduation date of the student
* Primary Key: Inherits UserID from superclass User

# Undergraduate:

**Description**: Undergraduate students within the university.

# Attributes:

* YearLevel: Integer, the current year level of the undergraduate student
* Primary Key: Inherits UserID from superclass User

# User:

**Description:** Users of the club application within the university.

# Attributes:

* UserID: Integer, a unique identifier for the user
* Name: Varchar(100), the first name of the user
* UserName: Varchar(80), the username of the user
* Password: Varchar(50), the password of the user
* Email: Varchar(100), the email address of the user
* Primary Key: UserID

# Workshop:

**Description:** A type of event representing workshops organized by clubs.

# Attributes:

* Topic: Varchar(100), the topic of the workshop
* Presenter: Varchar(100), the name of the presenter/organizer
* Primary Key: Inherits EventID from superclass Event