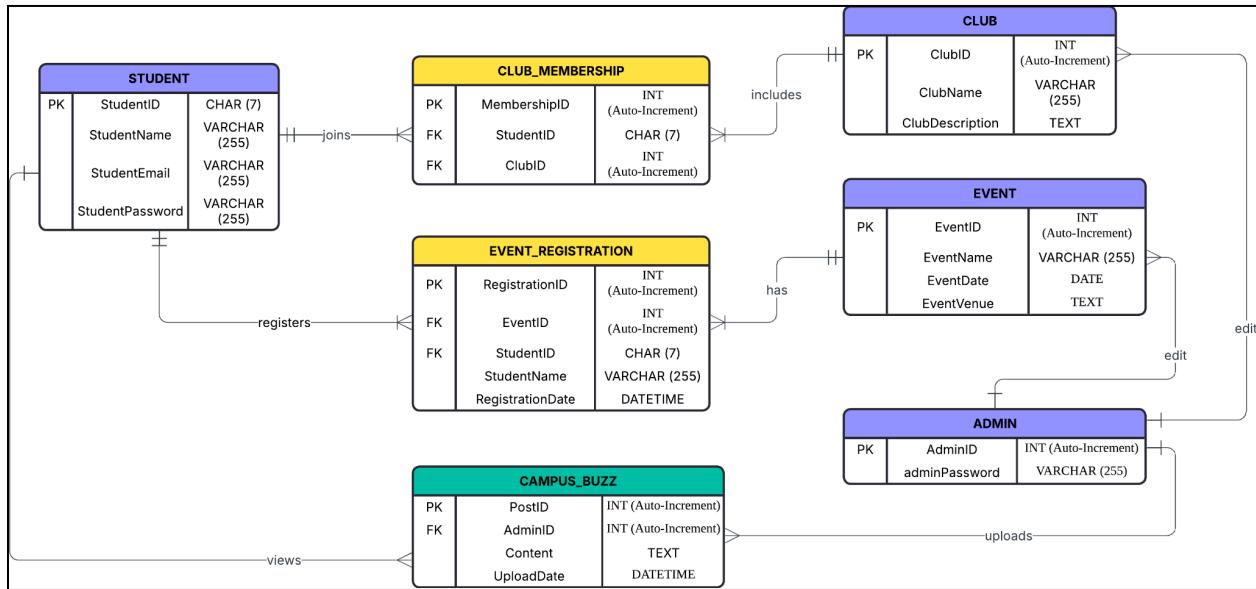**PROJECT TITLE: University Club Management System**

COURSE CODE   : **CSC584**

COURSE NAME   : **ENTERPRISE PROGRAMMING**

PROGRAM   : **BACHELOR OF COMPUTER SCIENCE (HONS.) MULTIMEDIA COMPUTING**

PROGRAM CODE   : **CDCS253**

GROUP   : **CDCS2534B**

SESSION   : **SEMESTER OCTOBER - FEBRUARY (20254)**

GROUP MEMBERS	STUDENT ID
MUHAMMAD IQBAL HAQEEM BIN MOHD AZAM	2025185665
IMANNUR UMAIRAH BINTI SHARIFFUDIN	2025100179
ALDINA BALQIS BINTI AZRAN	2025180235
AMIRA AIMIE BINTI LATPI	2025188215

ERD CROW'S FOOT NOTATION

The following tables represent the main entities and relationships used in the system, utilizing the corrected data types and relationships.

1. STUDENT Table

Field	Type	Description	Key
StudentID	CHAR(7)	Student's unique 7-digit identifier.	PK
StudentName	VARCHAR(255)	Full name of the student.	
StudentEmail	VARCHAR(255)	Student's email address.	
StudentPassword	VARCHAR(255)	Securely hashed password.	

2. ADMIN Table

Field	Type	Description	Key
AdminID	INT	Admin's unique identifier (PK, used for login).	PK
AdminPassword	VARCHAR(255)	Securely hashed password.	

3. CLUB Table (Managed by Admin)

Field	Type	Description	Key
ClubID	INT	Unique club identifier.	PK
ClubName	VARCHAR(100)	Name of the club.	
ClubDescription	TEXT	Details about the club's activities/purpose.	

4. EVENT Table

Field	Type	Description	Key
EventID	INT	Unique event identifier.	PK
EventName	VARCHAR(255)	Name of the event.	
EventDate	DATE	Date the event takes place (used for "upcoming events").	
EventDescription	TEXT	Details about the event.	

5. CLUB_MEMBERSHIP Table

Field	Type	Description	Key
MembershipID	INT	Unique identifier for the membership record.	PK
StudentID	CHAR(7)	Foreign Key to STUDENT.StudentID.	FK
ClubID	INT	Foreign Key to CLUB.ClubID.	FK

6. EVENT_REGISTRATION Table

Field	Type	Description	Key
RegistrationID	INT	Unique identifier for the registration record.	PK
StudentID	CHAR(7)	Foreign Key to STUDENT.StudentID.	FK
EventID	INT	Foreign Key to EVENT.EventID.	FK
StudentName	VARCHAR(255)	Full name of the student.	
RegistrationDate	DATETIME	Date and time the student registered.	

7. CAMPUS_BUZZ

Field	Type	Description	Key
PostID	INT	Unique identifier for the post.	PK
AdminID	INT	Foreign Key to ADMIN.AdminID.	FK
Content	TEXT	The text/details of the announcement.	
UploadDate	DATETIME	The date and time the post was uploaded.	