```sql
CREATE TABLE classes (
        Class_ID INT not null PRIMARY KEY,
        Name VARCHAR(50),
    Description VARCHAR(100),
        Type VARCHAR(50)
);


CREATE TABLE college_student (
    UIN INT not null PRIMARY KEY,
    Gender VARCHAR(50),
    Hispanic_latino BINARY,
    Race VARCHAR(50),
    US_citizen BINARY,
    First_generation BINARY,
    DoB DATE,
    GPA FLOAT,
    Major VARCHAR(50),
    Minor1 VARCHAR(50),
    Minor2 VARCHAR(50),
    Expected_graduation SMALLINT,
    School VARCHAR(50),
    Classification VARCHAR(50),
    Phone INT,
    Student_type VARCHAR(50)
);


CREATE TABLE users (
        UIN INT not null PRIMARY KEY,
        First_name VARCHAR(50) not null,
    M_initial CHAR,
        Last_name VARCHAR(50) not null,
    Username VARCHAR(50) not null,
    Passwords VARCHAR(50) not null,
    User_type VARCHAR(50) not null,
    Email VARCHAR(50) not null,
    Discord_name VARCHAR(50)
);


CREATE TABLE internship (
        Intern_ID INT not null PRIMARY KEY,
```

```sql
        Name VARCHAR(50) not null,
    Description VARCHAR(100),
        Is_Gov BINARY not null
);


CREATE TABLE certification (
        Cert_ID INT not null PRIMARY KEY,
        Cert_level VARCHAR(50) not null,
    Name VARCHAR(50) not null,
        Description VARCHAR(100)
);


CREATE TABLE program (
        Program_num INT not null PRIMARY KEY,
    Name VARCHAR(50) not null,
        Description VARCHAR(100)
);


CREATE TABLE class_enrollment (
        CE_num INT not null PRIMARY KEY AUTO_INCREMENT,
    UIN INT not null,
    class_ID INT,
    Class_status VARCHAR(50),
    Semester VARCHAR(50),
    Class_year YEAR,
        FOREIGN KEY (UIN) REFERENCES college_student (UIN),
    FOREIGN KEY (class_ID) REFERENCES classes (class_ID)
);


CREATE TABLE intern_app (
        IA_num INT not null PRIMARY KEY AUTO_INCREMENT,
    UIN INT not null,
    Intern_ID INT,
    Intern_status VARCHAR(50),
    Intern_year YEAR,
        FOREIGN KEY (UIN) REFERENCES college_student (UIN),
    FOREIGN KEY (Intern_ID) REFERENCES internship (Intern_ID)
);
```

```sql
CREATE TABLE cert_enrollment (
        CertE_num INT not null PRIMARY KEY AUTO_INCREMENT,
    UIN INT not null,
    Cert_ID INT not null,
    Cert_status VARCHAR(50),
    Training_status VARCHAR(50),
    Program_num INT not null,
    Semester VARCHAR(50),
    Cert_year YEAR,
        FOREIGN KEY (UIN) REFERENCES college_student (UIN),
    FOREIGN KEY (Cert_ID) REFERENCES certification (Cert_ID),
    FOREIGN KEY (Program_num) REFERENCES program (Program_num)
);


CREATE TABLE application (
        App_num INT not null PRIMARY KEY AUTO_INCREMENT,
    Program_num INT not null,
    UIN INT not null,
    Uncom_cert VARCHAR(100),
    Com_cert VARCHAR(100),
    Purpose_statement LONGTEXT,
        FOREIGN KEY (UIN) REFERENCES college_student (UIN),
    FOREIGN KEY (Program_num) REFERENCES program (Program_num)
);


CREATE TABLE document (
        Doc_num INT not null PRIMARY KEY,
    App_num INT not null,
    Link VARCHAR(100) not null,
    Doc_type VARCHAR(50) not null,
        FOREIGN KEY (App_num) REFERENCES application (App_num)

);


CREATE TABLE track (
        Tracking_num INT not null PRIMARY KEY AUTO_INCREMENT,
    Student_num INT not null,
    Program_num INT not null,
        FOREIGN KEY (Program_num) REFERENCES program (Program_num),
```

```
        FOREIGN KEY (Student_num) REFERENCES college_student (UIN)
);


CREATE TABLE cc_event (
        Event_ID INT not null PRIMARY KEY,
    UIN INT not null,
    Program_num INT not null,
    Start_date DATE not null,
    Event_time TIME not null,
    Location VARCHAR(100) not null,
    End_date DATE not null,
    Event_type VARCHAR(50) not null,
        FOREIGN KEY (Program_num) REFERENCES program (Program_num),
    FOREIGN KEY (UIN) REFERENCES college_student (UIN)
);


CREATE TABLE event_tracking (
        ET_Num INT not null PRIMARY KEY AUTO_INCREMENT,
    UIN INT not null,
    Event_ID INT not null,
        FOREIGN KEY (Event_ID) REFERENCES cc_event (Event_ID),
    FOREIGN KEY (UIN) REFERENCES college_student (UIN)
);


CREATE VIEW application_document_view AS
SELECT application.App_num, application.Program_num, application.UIN,
application.Uncom_cert, application.Com_cert, application.Purpose_statement,
document.Doc_num, document.Link, document.Doc_type
FROM application
LEFT JOIN document ON application.App_num = document.App_num;


Trigger
cc_evernt= INSERT INTO event_tracking VALUES(null, NEW.UIN, NEW.Event_ID)
```

**Event**
| | |
|---|---|
| PK | Event_ID |
| FK | UIN |
| FK | Program_Num |
| | Start_Date |
| | Time |
| | Location |
| | End_Date |
| | Event_Type |

**Event_Tracking**
| | |
|---|---|
| PK | ET_Num |
| FK | Event_ID |
| FK | UIN |

**User**
| | |
|---|---|
| PK | UIN |
| | First_Name |
| | M_Initial |
| | Last_Name |
| | Username |
| | Passwords |
| | User_Type |
| | Email |
| | Discord_Name |

**Disjointed**
**Partial Complete**

**Class_Enrollment**
| | |
|---|---|
| PK | CE_Num |
| FK | UIN |
| FK | Class_ID |
| | Status |
| | Semester |
| | Year |

**Classes**
| | |
|---|---|
| PK | Class_ID |
| | Name |
| | Description |
| | Type |

**Documentation**
| | |
|---|---|
| PK | Doc_Num |
| FK | App_Num |
| | Link |
| | Doc_Type |

**College Student**
| | |
|---|---|
| PK | UIN |
| | Gender |
| | Hispanic/Latino |
| | Race |
| | U.S. Citizen |
| | First_Generation |
| | DoB |
| | GPA |
| | Major |
| | Minor #1 |
| | Minor #2 |
| | Expected_Graduation |
| | School |
| | Current_Classification |
| | Student_Type |
| | Phone |

**Intern_App**
| | |
|---|---|
| PK | IA_Num |
| FK | UIN |
| FK | Intern_ID |
| | Status |
| | Year |

**Internship**
| | |
|---|---|
| PK | Intern_ID |
| | Name |
| | Description |
| | is_Gov |

**Programs**
| | |
|---|---|
| PK | Program_Num |
| | Name |
| | Description |

**Application**
| | |
|---|---|
| PK | App_Num |
| FK | Program_Num |
| FK | UIN |
| | Uncom_Cart |
| | Com_Cert |
| | Purpose_Statement |

**Cert_Enrollment**
| | |
|---|---|
| PK | CertE_Num |
| FK | UIN |
| FK | Cert_ID |
| | Status |
| | Training_Status |
| FK | Program_Num |
| | Semester |
| | Year |

**Certification**
| | |
|---|---|
| PK | Cert_ID |
| | Level |
| | Name |
| | Description |

**Track**
| | |
|---|---|
| FK | Program |
| FK | Student_Num |
| PK | Tracking_Num |

Event — (1,1)—(0,*) — Event_Tracking — (0,*)—(1,1) — User

Event (1,1)———(1,1) User

Event (0,*)

Programs (1,1)

Class_Enrollment (0,*)—(1,1) Classes

College Student (1,1)—(0,*) Class_Enrollment

Documentation (1,*)

(1,1)

College Student (1,1)—(0,*) Intern_App (0,*)—(1,1) Internship

Programs (1,1)

Application (0,*)

(1,1)

Application (0,*)—(1,1) College Student

College Student (1,1)—(0,*) Cert_Enrollment (0,*)—(1,1) Certification

(1,1)

Track (0,*)—(0,*)

Programs (1,1)—(0,*) Track

(0,*)