

Lecturer

UserCourse



tblSubmission

int int int

int

SubmissionID AssignmentID StudentID

VideoID

datetime SubmittedAt varchar Status

varchar SubmissionText

PK IDENTITY(1,1) FK NOT NULL

FK NOT NULL FK NOT NULL

DEFAULT GETDATE() NOT NULL

NULL

SubmissionID

int int text

int

tblFeedback

FeedbackID PK IDENTITY(1,1)

SubmissionID FK NULL

FeedbackText Mark

datetime CreatedAt

NOT NULL NULL

DEFAULT GETDATE()

VideoID

AssignmentID

ModuleID

StudentID

StudentID



CourseID

ModuleID



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | tblModule | | | | |  |
|  | int | ModuleID | | PK | IDENTITY(1,1) |
|  | varchar | ModuleCode | |  | NOT NULL UNIQUE |
|  | varchar | ModuleName | |  | NOT NULL |
|  | text | Description | |  | NULL |
|  | int | Lecturer | | FK | NOT NULL |
|  | | | |  | | |
|  | | | Mod | uleID |  | |
|  | | | |  | | |
| tblAssignment | | | | | | |
| int | | AssignmentID | | PK | IDENTITY(1,1) | |
| int | | ModuleID | | FK | NOT NULL | |
| varchar | | Title | |  | NOT NULL | |
| text | | Instructions | |  | NULL | |
| datetime | | CreatedAt | |  | DEFAULT GETDATE() | |
| datetime | | DueDate | |  | NOT NULL | |

|  |  |  |  |
| --- | --- | --- | --- |
| tblCourse | | | |
| int | CourseID | PK | IDENTITY(1,1) |
| varchar | CourseCode |  | NOT NULL UNIQUE |
| varchar | CourseName |  | NOT NULL |
| int | Duration |  | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| tblModuleOnCourse | | | |
| int | ID | PK | IDENTITY(1,1) |
| int | CourseID | FK | NOT NULL |
| int | ModuleID | FK | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| tblVideo | | | |
| int | VideoID | PK | IDENTITY(1,1) |
| varchar | VideoURL |  | NOT NULL |
| varchar | CompressedFilePath |  | NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| tblStudentModuleEnrollment | | | |
| int | EnrollmentID | PK | IDENTITY(1,1) |
| int | StudentID | FK | NOT NULL |
| int | ModuleID | FK | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| tblUser | | | |
| int | UserID | PK | IDENTITY(1,1) |
| varchar | UserNumber |  | NOT NULL UNIQUE |
| varchar | PasswordHash |  | NOT NULL |
| varchar | FirstName |  | NOT NULL |
| varchar | LastName |  | NOT NULL |
| varchar | Email |  | NOT NULL |
| varchar | UserRole |  | NOT NULL |
| datetime | CreatedAt |  | DEFAULT GETDATE() |
| int | CourseID | FK | NOT NULL |