

CourseManagement. Course

CourseId	int IDENTITY	PK
CourseCode	nvarchar(20)	
CourseName	nvarchar(100)	
InstructorId	int	NULL
Credits	int	NULL
UserAuthorizationKey	udt	
DateAdded	udt	
DateOfLastUpdate	udt	
ClassId	int	FK

InstructorManagement. Instructor

InstructorId	int IDENTITY	PK
MaxCredits	int	NULL
UserAuthorizationKey	udt	
DateAdded	udt	
DateOfLastUpdate	udt	
FullName	varchar(255)	NULL
FirstName	varchar(255)	NULL
LastName	varchar(255)	NULL
CourseId	int	FK

LocationManagement. BuildingLocation

BuildingId	int IDENTITY	PK
BuildingName	nvarchar(100)	
UserAuthorizationKey	udt	
DateAdded	udt	
DateOfLastUpdate	udt	
RoomId	int	FK
UserAuthorizationKey_1	udt	FK
UserAuthorizationKey_2	udt	FK

CourseManagement. Class

ClassId	int IDENTITY	PK
CourseId	int	NULL
Schedule	nvarchar(50)	
MaxEnrollment	int	NULL
UserAuthorizationKey	udt	
DateAdded	udt	
DateOfLastUpdate	udt	
ModeId	int	NULL
Enrollment	int	NULL

LocationManagement. RoomLocation

RoomId	int IDENTITY	PK
BuildingId	int	NULL
RoomNumber	nvarchar(20)	
Capacity	int	NULL
UserAuthorizationKey	udt	
DateAdded	udt	
DateOfLastUpdate	udt	

DepartmentManagement. Department

DepartmentId	int IDENTITY	PK
DepartmentName	nvarchar(100)	
DepartmentCode	nvarchar(20)	AK
MaxEnrollment	int	NULL
UserAuthorizationKey	udt	
DateAdded	udt	
DateOfLastUpdate	udt	
UserAuthorizationKey_1	udt	FK

InstructionManagement. ModeOfInstruction

ModeId	int IDENTITY	PK
ModeName	nvarchar(50)	AK
UserAuthorizationKey	udt	
DateAdded	udt	
DateOfLastUpdate	udt	
ClassId	int	FK

Uploadfile. CurrentSemesterCourseOfferings

Semester	varchar(50)	NULL
Sec	varchar(50)	NULL
Code	varchar(50)	NULL
Course (hr, crd)	varchar(50)	NULL
Description	varchar(50)	NULL
Day	varchar(50)	NULL
Time	varchar(50)	NULL
Instructor	varchar(50)	NULL
Location	varchar(50)	NULL
Enrolled	varchar(50)	NULL
Limit	varchar(50)	NULL
Mode of Instruction	varchar(50)	NULL
ModeId	int	FK
RoomId	int	FK

DbSecurity. UserAuthorization

UserAuthorizationKey	udt	PK
ClassTime	udt	NULL
IndividualProject	udt	NULL
GroupMemberLastName	udt	
GroupMemberFirstName	udt	
GroupName	udt	
DateAdded	udt	NULL
ModeId	int	FK
ClassId	int	FK
RoomId	int	FK

Process. WorkflowSteps

WorkflowStepKey	int	PK
WorkflowStepDescription	nvarchar(100)	
WorkflowStepTableRowCount	int	NULL
StartingDateTime	datetime2(7)	NULL
EndingDateTime	datetime2(7)	NULL
ClassTime	char(5)	NULL
UserAuthorizationKey	int	
UserAuthorizationKey_1	udt	FK