ERD for CASPAR

ROLEASSIGNMENT
PK	Id	INT
FK	RoleId	INT
FK	UserId	INT

ROLE
PK	Id	INT
	RoleName	NVARCHAR(255)

USER
PK	Id	NVARCHAR(15)
	UserFirstName	NVARCHAR(255)
	UserLastName	NVARCHAR(255)
	UserEmail	NVARCHAR(50)
	UserPassword	NVARCHAR(50)

STUDENT
PK	Id	INT
	StudentMajor	VARCHAR(255)
	StudentGradYear	VARCHAR(15)
FK	UserId	VARCHAR(15)

INSTRUCTOR
PK	Id	INT
	InstructorName	NVARCHAR(50)
FK	UserID	NVARCHAR(15)

PARTOFTERM
PK	Id	INT
	PartOfTermTitle	NVARCHAR(255)

PAYMODEL
PK	Id	INT
	PayModelTitle	NVARCHAR(255)

PAYORGANIZATION
PK	Id	INT
	PayOrganizationTitle	NVARCHAR(255)

CLASSROOMAMENITY
PK	Id	INT
	ClassroomAmenityName	NVARCHAR(255)

CLASSROOMAMENITYPOSSESSION
PK	Id	INT
FK	ClassroomAmenityId	TINYINT
FK	ClassroomID	INT

RELEASETIME
PK	Id	INT
	ReleaseTimeAmount	INT
	ReleaseTimeNotes	NVARCHAR(255)
FK	SemesterId	TINYINT
FK	InstructorId	INT

LOADREQ
PK	Id	INT
	LoadReqHours	INT
FK	InstructorId	INT
FK	SemesterId	INT

PROGRAMASSIGNMENT
PK	Id	INT
FK	InstructorId	INT
FK	ProgramId	TINYINT

ACADEMICPROGRAM
PK	Id	TINYINT
	ProgramName	NVARCHAR(25)
	ProgramCode	VARCHAR(6)

COURSESECTION
PK	Id	INT
	BannerCRN	VARCHAR(50)
	SectionNotes	VARCHAR(255)
	SectionFirstDayEnrollment	DATETIME
	SectionFinalEnrollment	DATETIME
	SectionUpdated	DATETIME
	SectionBannerUpdated	DATETIME
FK	**CourseId**	INT
FK	**SemesterInstanceId**	INT
FK	InstructorId	INT
FK	ModalityId	INT
FK	ClassroomId	INT
FK	TimeBlockId	INT
FK	**DaysOfWeekId**	INT
FK	PartOfTermId	INT
FK	PayModelId	INT
FK	PayOrganizationId	INT
FK	**SectionStatusId**	TINYINT

CLASSROOM
PK	Id	INT
FK	BuildingId	INT
	ClassroomDetail	VARCHAR(255)
	ClassroomSeats	INT
	ClassroomNumber	VARCHAR(255)

BUILDING
PK	Id	INT
	BuildingName	VARCHAR(255)
	CampusId	INT

WISHLIST
PK	Id	INT
FK	StudentId	INT
FK	SemesterInstanceId	INT

PREFERENCELIST
PK	Id	INT
FK	InstructorId	INT
FK	SemesterInstanceId	TINYINT

SEMESTER
	SemesterId	TINYINT
	SemesterName	NVARCHAR(255)

TEMPLATE
PK	Id	INT
	Quantity	INT
FK	SemesterId	INT
FK	CourseId	INT

COURSE
PK	Id	INT
	CourseTitle	VARCHAR(255)
	CourseCreditHours	INT
	CourseNumber	VARCHAR(20)
	CourseDescription	VARCHAR(255)
	CourseNotes	VARCHAR(255)
FK	ProgramId	INT

SECTIONSTATUS
PK	Id	INT
	SectionStatusName	VARCHAR(255)
	SectionStatusColor	CHAR(6)

WISHLISTDETAIL
PK	Id	INT
FK	WishlistId	INT
FK	CourseId	INT

PREFERENCELISTDETAIL
PK	Id	INT
	PreferenceRank	INT
FK	PreferenceListId	INT
FK	CourseId	INT

SEMESTERINSTANCE
PK	Id	INT
	SemesterInstanceName	VARCHAR(255)
	ScheduleStatus	VARCHAR(255)
	StartDate	DATETIME
	EndDate	DATETIME
	RegistrationDate	DATETIME
	EndRegistrationDate	DATETIME
FK	SemesterId	INT

DAYSOFWEEK
PK	Id	INT
	DaysOfWeekTitle	NVARCHAR(25)

TIMEBLOCK
PK	Id	INT
	TimeBlockValue	NVARCHAR(25)

CAMPUS
PK	Id	INT
	CampusName	VARCHAR(255)

WISHLISTDETAILMODALITY
PK	Id	INT
FK	TimeOfDayId	INT
FK	WishlistDetailId	INT
FK	ModalityId	INT
FK	CampusId	INT

PREFERENCELISTDETAILMODALITY
PK	Id	INT
FK	PreferenceListDetailId	INT
FK	ModalityId	INT
FK	DaysOfWeekId	INT
FK	TimeBlockId	INT
FK	CampusId	INT

TIMEOFDAY
PK	Id	INT
	PartOfDay	NVARCHAR(255)

MODALITY
PK	Id	INT
	ModalityName	NVARCHAR(255)