

Four Year Plan Advising Database Schema

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CREATE TABLE IF NOT EXISTS tblStudents (
    pmkNetId varchar(12) NOT NULL,
    fldLastName varchar(100) NOT NULL,
    fldFirstName varchar(100) NOT NULL,
    fldMajor varchar(100) DEFAULT NULL,
    fldMinor varchar(100) DEFAULT NULL,
    fldAdvisor varchar(100) NOT NULL,
    PRIMARY KEY (pmkNetId)
);
CREATE TABLE IF NOT EXISTS tblAdvisor (
    pmkNetId varchar(12) NOT NULL,
    fldLastName varchar(100) NOT NULL,
    fldFirstName varchar(100) NOT NULL,
    fldStudents varchar(100) NOT NULL,
    PRIMARY KEY (pmkNetId)
);
CREATE TABLE IF NOT EXISTS tblFourYearPlan (
    pmkPlanId int(8) NOT NULL,
    fldDateCreated DATE() NOT NULL,
    fldCatalogYear int(4) NOT NULL,
    fldMajor varchar(100) DEFAULT NULL,
    fldMinor varchar(100) DEFAULT NULL,
    fldNumCredits int(3) NOT NULL,
    fnkStudentId varchar(12) NOT NULL,
    fnkAdvisorId varchar(12) NOT NULL,
    PRIMARY KEY (pmkPlanId)
);
CREATE TABLE IF NOT EXISTS tblSemesterPlan (
    pmkYear int(4) NOT NULL,
    pmkTerm varchar(10) NOT NULL,
    fnkPlanId int(8) NOT NULL,
    DisplayOrder int(3) NOT NULL,
    NumCredits int(4) NOT NULL,
    PRIMARY KEY (pmkYear, pmkTerm, fnkPlanId)
);
CREATE TABLE IF NOT EXISTS tblCourses (
    pmkCourseId int(8) NOT NULL,
    fldDepartment varchar(100) NOT NULL,
    fldCourseNumber int(12) NOT NULL,

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        fldCourseTitle varchar(255) NOT NULL,  
        fldNumCredits int(4) NOT NULL,  
        PRIMARY KEY(pmkCourseId)  
);  
CREATE TABLE IF NOT EXISTS tblSemesterCourses (  
        fnkYear int(4) NOT NULL,  
        fnkTerm varchar(10) NOT NULL,  
        fnkCourseID int(8) NOT NULL,  
        fldDisplayOrder int(3) NOT NULL,  
        PRIMARY KEY (fnkYear, fnkTerm, fnkCourseId)  
);
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