DDL Commands to Create Tables

CREATE TABLE DiningHall (Name VARCHAR(255), Location VARCHAR(255), PRIMARY KEY (Name), FOREIGN KEY (Menus) REFERENCES Menu(MenuID) ON DELETE CASCADE);

CREATE TABLE Menu (MenuID VARCHAR(255), MenuName VARCHAR(255), Meals VARCHAR(255), PRIMARY KEY (MenuID), FOREIGN KEY (Meals) REFERENCES Meal(MealID) ON DELETE CASCASE);

CREATE TABLE Meal (MealID VARCHAR(255), MealName VARCHAR(255), Ingredients VARCHAR(255), PRIMARY KEY (MealID), FOREIGN KEY (Ingredients) REFERENCES Ingredient(IngredientID)) ON DELETE CASCADE);

CREATE TABLE Restriction(RestrictionID VARCHAR(255), RestrictionName VARCHAR(255), Ingredients VARCHAR(255), PRIMARY KEY (RestrictionID), FOREIGN KEY (Ingredients) REFERENCES Ingredient(IngredientID) ON DELETE CASCADE);

CREATE TABLE Ingredient (IngredientID VARCHAR(255), IngredientName VARCHAR(255), PRIMARY KEY (IngredientID));

CREATE TABLE Student (StudentID VARCHAR(255), StudentName VARCHAR(255), Restrictions VARCHAR(255), PRIMARY KEY (StudentID), FOREIGN KEY (Restrictions) REFERENCES Restriction(Restriction.ID) ON DELECT CASCADE);