from django.db import models

class House (models.Model):

houseAdvisorOne\_firstName = models.CharField(max\_length=128)

houseAdvisorOne\_lastName = models.CharField(max\_length=128)

houseAdvisorTwo\_firstName = models.CharField(max\_length=128)

houseAdvisorTwo\_lastName = models.CharField(max\_length=128)

roomNumber = models.IntegerField()

studentNumber = models.IntegerField()

class Parent (models.Model):

parentFirstName= models.CharField(max\_length=128)

parentLastName= models.CharField(max\_length=128)

parentEmail = models.CharField(max\_length=256)

parentPhoneNumber = models.IntegerField()

class ParentStudent (models.Model):

parentOneID = models.ForeignKey(Parent, related\_name =' parent\_one')

parentTwoID = models.ForeignKey(Parent, related\_name =' parent\_two')

class Student (models.Model):

firstName = models.CharField(max\_length=128)

lastName= models.CharField(max\_length=128)

email = models.EmailField()

password= models.CharField(max\_length=128)

grade= models.IntegerField()

houseID= models.ForeignKey(House)

parentStudentID= models.ForeignKey(ParentStudent)

class DepartmentChair (models.Model):

email= models.EmailField()

firstName = models.CharField(max\_length=128)

lastName = models.CharField(max\_length=128)

class Discipline (models.Model):

discipline\_Choices= (

('Math', 'Mathematics'),

('Science', 'Science'),

('English', 'English'),

('History', 'History'),

('Language', 'Language'),

('P.E.', 'Physical Education'),

('Art', 'Art'),

('Dance','Dance'),

)

discipline = models.CharField(max\_length=16, choices= discipline\_Choices)

departmentChair = models.ForeignKey(DepartmentChair)

class Course (models.Model):

courseName = models.CharField(max\_length=256)

courseDescription = models.CharField(max\_length=2048)

preapprovalRequired = models.BooleanField()

discipline = models.ForeignKey(Discipline)

gradesOffered = models.CommaSeparatedIntegerField(max\_length=10)

class Section (models.Model):

courseID = models.ForeignKey(Course)

semesterOne = models.BooleanField()

semesterTwo = models.BooleanField()

roomNumber = models.IntegerField()

POfferedMonday = models.CommaSeparatedIntegerField(max\_length=3)

POfferedTuesday = models.CommaSeparatedIntegerField(max\_length=3)

POfferedWednesday = models.CommaSeparatedIntegerField(max\_length=3)

POfferedThursday = models.CommaSeparatedIntegerField(max\_length=3)

POfferedFridayOne = models.CommaSeparatedIntegerField(max\_length=3)

POfferedFridayTwo = models.CommaSeparatedIntegerField(max\_length=3)

POfferedFridayThree = models.CommaSeparatedIntegerField(max\_length=3)

POfferedFridayFour = models.CommaSeparatedIntegerField(max\_length=3)

class StudentSchedule (models.Model):

studentID= models.ForeignKey(Student)

sectionID= models.ForeignKey(Section)

rank = models.IntegerField()

class PreApproval (models.Model):

studentID = models.ForeignKey(Student)

courseID = models.ForeignKey(Course)