class Users(UserMixin, db.Model):

\_\_tablename\_\_ = "users"

id = db.Column(db.Integer, primary\_key=True)

username = db.Column(db.String(128), nullable=False)

password\_hash = db.Column(db.String(128))

def check\_password(self, password):

return check\_password\_hash(self.password\_hash, password)

def get\_id(self):

return self.username

class Students(db.Model):

\_\_tablename\_\_ = "students"

id = db.Column(db.Integer, primary\_key=True)

firstName = db.Column(db.String(128), nullable=False)

lastName = db.Column(db.String(128), nullable=False)

major = db.Column(db.String(128), nullable=False)

email = db.Column(db.String(128), nullable=False)

class Assignments(db.Model):

\_\_tablename\_\_ = "assignments"

id = db.Column(db.Integer, primary\_key=True)

name = db.Column(db.String(128), nullable=False)

description = db.Column(db.String(128), nullable=False)

student\_id = db.Column(db.Integer, db.ForeignKey(‘students.id’)

percentage = db.Column(db.Float, nullable=False)

class Grades(db.Model):

\_\_tablename\_\_ = "grades"

id = db.Column(db.Integer, primary\_key=True)

assignment\_id = db.Column(db.Integer, db.ForeignKey(‘assignments.id’)

student\_id = db.Column(db.Integer, db.ForeignKey(‘students.id’)

percentage = db.Column(db.Float)