Lab 8: Student Enrollment Web App

Worth 300 points (3 labs)

Work on it in project teams (3-4 people)

3 weeks to work on it

Demo in lab – week of Nov 14

As a student I can...

- Log in/out of app
- See all my classes
- See all classes offered by school
- See number of students in class
- Sign up for a new class (if the class has not reached capacity)

ACME University

Username   cnorris

Password   ************

Sign in

Welcome Chuck!

ACME University

Your Courses	Add Courses

Course Name	Teacher	Time	Students Enrolled
Physics 121	Susan Walker	TR 11:00-11:50 AM	5/10
CS 106	Ammon Hepworth	MWF 2:00-2:50 PM	4/10

Welcome Mindy!

ACME University

Your Courses	Add Courses

Course Name	Teacher	Time	Students Enrolled	Add class
Physics 121	Susan Walker	TR 11:00-11:50 AM	5/10	▬
CS 106	Ammon Hepworth	MWF 2:00-2:50 PM	4/10	▬
Math 101	Ralph Jenkins	MWF 10:00-10:50 AM	4/8	✚
CS 162	Ammon Hepworth	TR 3:00-3:50 PM	4/4	▬

As a teacher I can…

- Log in/out of app
- See my classes I teach
- See all the students enrolled in each class and their grades
- Edit a grade for a student

ACME University

Username   ahepworth

Password   ************

Sign in

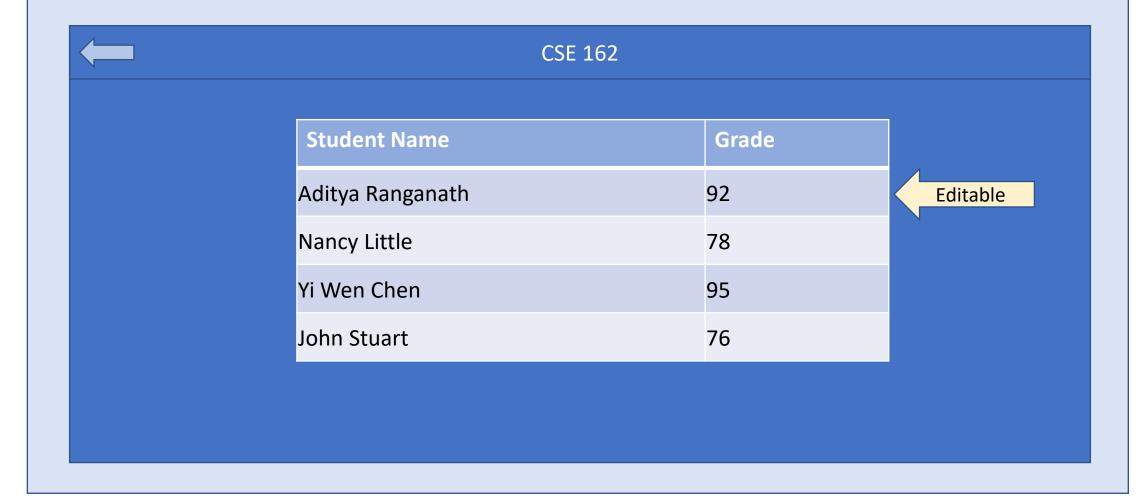Welcome Dr Hepworth!   ACME University

Your Courses

Course Name	Teacher	Time	Students Enrolled
CS 162	Ammon Hepworth	TR 3:00-3:50 PM	4/4
CS 106	Ammon Hepworth	MWF 2:00-2:50 PM	4/10

Click here

Welcome Dr Hepworth!   ACME University   <u>Sign out</u>

CSE 162

←

Student Name	Grade
Aditya Ranganath	92
Nancy Little	78
Yi Wen Chen	95
John Stuart	76

← Editable

As an admin I can…

- Create, read, update, delete all data in database

- Note: Implement an admin page with Flask-Admin

Possible Database Schema