

# CS 421/621 Adv Web App Development

## Summer 2021

### Homework 4

**Due Date: 8/8/2021 11:59PM**

## Simple Yellow Pages

### Objectives

- Creating a simple user interface
- Connecting to a database
- CRUD operations

### Tasks

You will be developing a simple **yellow pages** web application. You can use either **flask** or **lamp python** stack for the backend development. I will be briefly describing the needs, you will use your creativity/imagination to develop the interface. Here are the tasks;

- The user should be able to add a new record
  - The company name, email, phone number and address will be required. Feel free to add other information
- The user should be able to display all of the records
- The user should be able to delete any record
  - You can put a delete option when you display the records, or the user can delete the company record by searching the phone number
- The user should be able to update the records
  - Similar to delete option, you can either allow user to update the record from the table, or user can search/find the record and update it

**Grading: Each feature 25 points, total 100 points**

### Submission

- Submit a link of the forked project in canvas. (if you have any issues with the GitLab, submit the project to Canvas)

**\*\*\*\* The due date is the last day of the semester, so there will be no extension\*\*\***