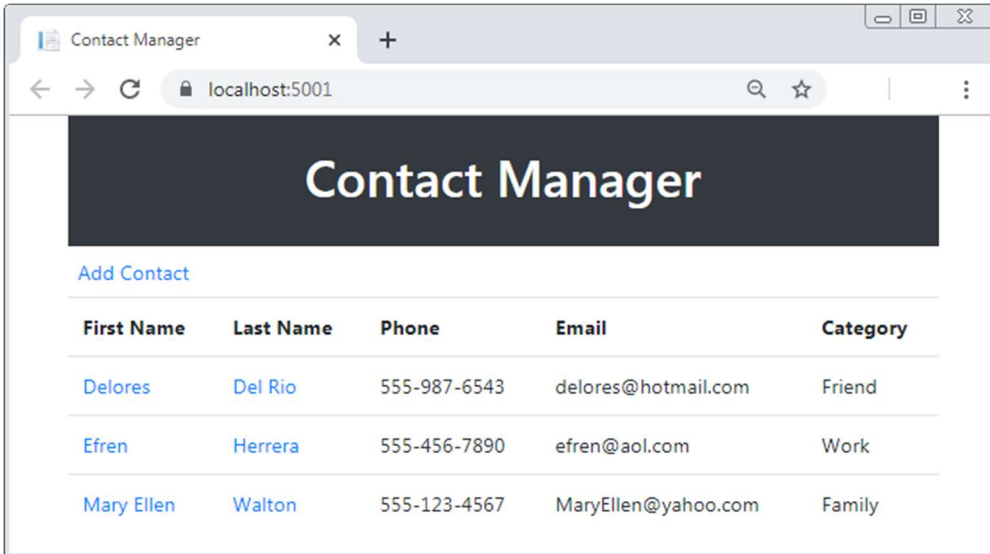


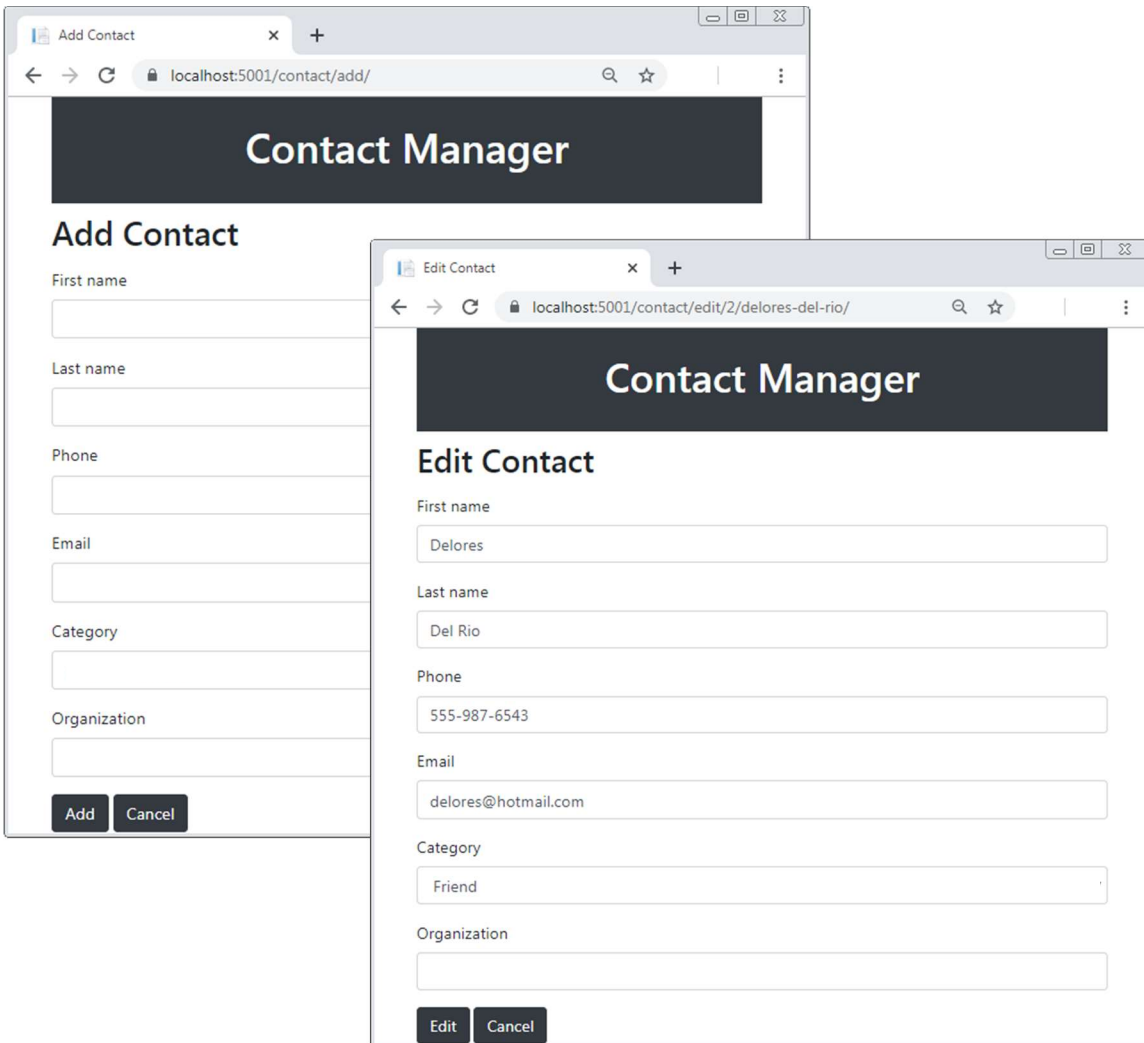
# CPSC8720 Internet Prammng Final Exam

For this project, you will build a multi-page, data driven app – Contact Manager. It looks like the one that’s shown below.

## The Home page



## The Add and Edit pages (both use the same view)



### **UI/Functional Specifications:**

- When the app starts, it should display a list of contacts and a link to add a contact.
- If the user clicks the first or last name of a contact, the app should display the Edit page for that contact.
- If the user enters invalid data on the Add or Edit page, the app should display validation errors.
- Here are the requirements for valid data:
  - The Firstname, Lastname, Phone, Email, and Category fields are required.
  - The Organization field is optional.
- If the user clicks the Cancel button on the Add page, the app should display the Home page.
- If the user clicks the Cancel button on the Edit page, the app should display the Home page.

### **Technical Specifications:**

- Use Microsoft ASP.NET Core MVC template and C# language to create this application.
- To reduce code duplication, the Add and Edit pages should both use the same view.
- Use Entity Framework (EF) Code First Development or Database First Development to create a new database that maps to a “Contact” entity.
- When displaying, adding, or editing contacts, data are retrieved from or saved into database.