Individual Assignment 1

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My individual project will be a restaurant recommendation application. Focused on restaurants located in Lincoln, NE. This program will allow users select what they are in the mood for by selecting tags like “Bar & Grill” or “Fine Dining”. Once they have finished selecting tags they get a list of restaurants with a brief description of each for them to choose from. Users will also be able to add tags to a restaurant of their choosing as well as add entirely new restaurants.

This website will be written in HTML/CSS/and JS and will use mongoDB as a database. In order to effectively communicate with the database I will use a REST API. A database will be necessary to store restaurants and users.

This website will have the following pages

Login

Registration

Add new restaurant

Home page: where users will select tags and when finished will see a list of results.

Assignment 2

User stories:

* Create database w/ necessary tables
  + Points: 12
  + Priority: 1
* Create UI Skeleton
  + Points: 2
  + Priority: 2
* Create functioning login/registration process
  + Points: 5
  + Priority: 2
* Create adding restaurant/Tags functionality
  + Points: 3
  + Priority: 3
* Create searching functionality
  + Points: 8
  + Priority: 4
* Create test data
  + Points: 5
  + Priority: 3
* Create css styling (transitions/fine tuning):
  + Points: 3
  + Priority: 5

Sprints:

Sprint1: Create database/ necessary table

Sprint2: Create UI Skeleton, Create functioning login/registration process

Sprint 3: Create adding restaurant/tags functionality, Create test data

Sprint 4: Create searching functionality, Create css styling.

**Class Diagram**

