1. **Name:** Carly Romig

   GitHub link: https://github.com/icarly10910/cluein

   link/inspiration: https://www.youtube.com/watch?v=XNDubWJU0aU

2. **Title:** Clue-in

   Description: A website that takes articles of clothing from a user's closet and helps the user visualize them so that they can turn clothing into cohesive, fashionable outfits.

Project Requirements:

Label	User Requirements Description
UR-1	Users must be able to add articles of clothing from their closet
UR-2	Users must be able to remove articles of clothing from their closet
UR-3	Users must be able to search for articles of clothing that they want for their closet from store inventory
UR-4	Users must be able to add articles of clothing that they want for their closet from store inventory
UR-5	Users must be able to visualize their outfits

3. **List the features that were implemented (table with ID and title).**

As shown in the project requirements table above, I was able to implement UR #1, UR #2, and UR #5. I also was able to create a feature that updates articles of clothing from a user's closet. Although this was not in the original requirements, I realized through the project that I needed to make sure I could update information before adding more complexity.

4. **List the features were not implemented (table with ID and title).**

I was not able to implement #UR-3 and #UR-4. Although in the beginning of the semester I thought all my requirements were achievable, I struggled with trying to implement UR-3 and

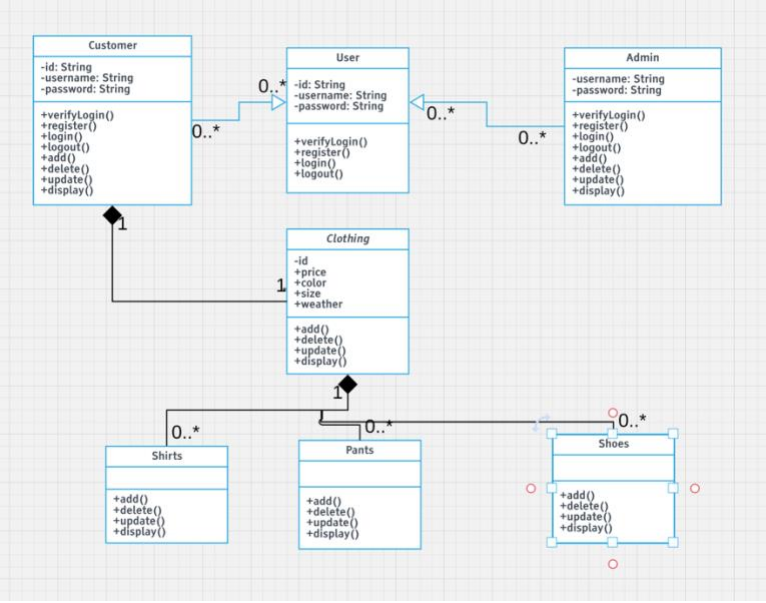
UR-4. While I finished my primary functionality for my project, it proved to be too difficult to try to implement a Search algorithm into my web app.

5. **Show your final class diagram.**

   What changed? Why? If it did not change much, then discuss how doing the design up front helped in the development.

I eliminated my inventory class, because I didn't realize how big the task would be to just create, delete, and update articles of clothing into a user's closet. My class diagram decreased in size, but I think it's more robust in it's concept as I began to implement it.

6. **For each design pattern implemented,**
   - **Show the classes from your class diagram that implement each design pattern.**



I implemented the MVC pattern, which is implemented in the Shirts, Pants, and Shoes classes as well as the ShirtsForm, PantsForm, and ShoesForm classes. I also attempted to implement the decorator design pattern in Django, which wasn't fully functioning. It's in the python file decorator.py, which was trying to call an old class and reassign it to a new class after it went

through the new class. I used MVC because it was extremely valuable structure to learn in the development industry. I also decided to go with the decorator pattern because it's easily reusable and is a powerful tool for reinstantiating classes.

7. **What have you learned about the process of analysis and design now that you have stepped through the process to create, design and implement a system?**

I've learned that working alone from scratch is a very difficult job, and that I should've sought out more of the TAs earlier in the semester. I've also learned that Django is an extremely easy and helpful framework, and made the project run a lot more smoother than when I was originally starting with Java EE. I've learned that I'm more resourceful than I thought, and that I think this project would've been easier to tackle with a partner.