Elizabeth Castaneda Project Plan

Database Design & Management – Fall 2025

Project Idea: collection tracking app

Description: web app that allows users to login and track their collection (jellycat, labubu, some sort of popular collectible). users can select elements from a general database to add to or remove from their own databases: collection, wishlist, etc. users can share pictures of their own collection with other users. admin login can update the general database with new collectibles.

Developing Environment: Visual Studio Code, html, css, javascript, MySQL

Initial Design:

1. Login/signup page (user database)
2. Nav bar : browse/home tab (general collection database), my profile tab, community tab
   1. Browse tab (main page): view all elements of general collection database, sort by… options
      1. For each element panel in the general tab: options for “add to collection”, “add to wishlist”, “view community posts” (this feature will filter all community posts to only show posts that are tagged with this certain element)
   2. Community tab : users can share photos of their own collection (tagging feature to share what elements are shown in the photo), user scroll feature to view community gallery posts (personal collection photos). users can click on other users to follow and view their profiles.
   3. My profile tab : page displaying user’s photo, bio, favorite element, user collection/gallery, user wishlist, followers/friends

* Users (UserID, Username, Bio, Password hash)
* Gallery (PostID, UserID, CollectibleID, Description)
* Collectibles (CollectibleID, type, ReleaseDate, Status)

Data Source: the source of my database data will come from user and admin input such as sign up input, profile personalization, gallery posts.