Elizabeth Castaneda Project Breakdown

Database Design & Management – Fall 2025

Project: collection tracking app

Application Features:

1. Secure login/signup age – hashed passwords
2. Homepage – welcome {user}, nav bar, view all possible collectible elements, sort function
3. Profile page – update profile(biography, profile picture), view collection, view followers/following
4. Community – page to view/create community posts, search users, follow users, sort posts

Tasks:

1. HTML and CSS styling
2. Frontend basic JavaScript – user text and file input, input requirements
3. Create backend/databases
4. Connect frontend and backend
5. Secure the login/signup function
6. Minor changes + project demo video and slides
7. Final report document and complete project code

Timeline for Tasks:

1. Task 1 complete by 9/25/25
2. Task 2 complete by 10/2/25
3. Task 3 complete by 10/23/25
4. Task 4 complete by 11/20/25
5. Task 5 complete by 11/27/25
6. Task 6 complete by 12/4/25
7. Task 7 complete by 12/11/25

Queries about what you want to see from the data:

* Get user info: username, bio, profile picture
* Sort collectibles by: alphabetical, still in production, owned by
* Sort community posts by: date, collectible, posted by
* Login check: user exists, username matches, password hatch matches

Actions for manipulating the data:

* Create new user signup
* Update user bio, profile image
* Add/remove collectible
* Create, edit, remove post
* ADMIN: create, edit, remove collectible