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Final Project Summary

DGL 123 Introduction to PHP

# Project Summary

## Project Goals

The final project I chose for DGL123: Introduction to PHP was a reverse-engineering project, where I recreated a dynamic web page which allows users to learn about different characters from the popular TV show, The Simpsons.

The goal is to have users select which character they want to learn more about, click the “Display Character Information” button, and have cards display below containing the name, photo, age, occupation, and voice actor for each character selected.

## PHP Features Utilized

This project was completed mainly with PHP and MySQL, and also features some HTML and CSS. The web page and form are generated by HTML being output by PHP, and the character data is being stored in a MySQL database, accessed with SQL queries and PHP commands.

I used a variety of PHP language features, such as control flow loops, conditional statements, and custom and built-in functions and methods. Additionally, I tested my code each step of the way by frequently reloading and testing the form buttons, as well as manually changing values in the database.

## Project Difficulties & Hurdles

In its current state, this project is not working as expected. When a character’s display value is updated in the database, the cards display as appropriate, however, the user is not able to toggle the cards using the form button. I ran into issues with accessing the values from the checkbox form, that I was unable to resolve.