**Lab Assignment 7**

Due Date: 31st October 2023

Points: 5

Submission Type: File Upload

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| **Important Note:** Do not steal anyone's work, please. If we come across such a problem, we will adhere to the extremely risky UI academic regulations. Please be mindful of the deadline. Unless you notify me that you are ill or have another urgent matter, you will receive 0 if you miss the deadline. You must upload your work to Canvas. Please refrain from emailing your submissions. Any inquiries? Send me an email, please. Contact information: [knaha@uidaho.edu](mailto:knaha@uidaho.edu)  **Deliverable:**   1. A word doc file where you have to include all of the page’s screenshots of your work. For example: Screenshot of Pets page, Owners page etc.   \*\*Only doc file is allowed, no other file formats are allowed and acceptable.   1. A zip file where your source code could be found. |

**Task:**

1. **Set Up the Database Models:**

Create a Pets database with the following tables:

**Pets (PetID, Name, Age, Street, City, ZipCode, State, TypeofPet)**

**Owners (OID, LastName, Street, City, ZipCode, State, Age, AnnualIncome)**

**Owns (PetID, Year, OID, PetAgeatOwnership, PricePaid)**

**Likes (PetID, TypeofFood)**

**Foods (FoodID, Name, Brand, TypeofFood, Price, ItemWeight, ClassofFood)**

**Purchases (OID, FoodID, PetID, Month, Year, Quantity)**

1. **Download the Theme:**

Download the [BootstrapDash Star Admin 2](https://github.com/BootstrapDash/star-admin2-free-admin-template) (<https://github.com/BootstrapDash/star-admin2-free-admin-template>) free admin template from GitHub.

1. **Create a Web Application:**

Create a web application using Flask (or Laravel if preferred). Use the downloaded theme as the project's front-end design. Ensure the design and components align with the BootstrapDash Star Admin 2 template.

1. **Implement CRUD Operations:**

Create five distinct pages for Pets, Owners, Owns, Foods, and Purchases. Implement CRUD (Create, Read, Update, Delete) operations for each page.

1. **Capture Screenshots:**

For each implemented page, capture screenshots to demonstrate the interfaces and functionality.

1. **Submission:**

Upload the screenshots of each page to the Canvas platform. Additionally, submit the complete source code of your Flask (or Laravel) project, excluding virtual environment/vendor files. Include the database dump file as well.