**IT Capstone Project Proposal**

**CIS 2910C: IT Capstone**

Summer 2023

Professor Dr. Mahendra Gossai  

**Group 1**

Members:

Gaspar Dantas Jr

Asif Kaiser Anto

Trevor Baker

Axel Alicea

**Project: Online Shopping Website**

**Description:** We're developing a website for online commerce where users can browse, and purchase goods and administrators can manage products. HTML, CSS, JavaScript, and Bootstrap will be used to develop a user-friendly design for our website. A MySQL, PHP database will be used to record client information, product details, and purchase history. We’ll host the website on 00webhost and use GitHub as our code repository. To manage the project, we'll use MS Project and create Gantt charts to track our progress.

**Criteria:**

User Interface:

Using HTML, CSS, JavaScript, and Bootstrap, we'll build a visually pleasing website. Both users and admins will have unique login information. Customers may effortlessly add items to their shopping carts and complete transactions. Customers can access their purchase history.

Database:

To store client information, product details, and purchase history, a MySQL or PHP database will be set up.

We'll make sure that customer login information is secure.

Customers can access their purchase history.

Cloud Hosting:

We'll deploy the website and database on 00webhost to make it accessible and reliable.

Code Repository:

We'll use GitHub as our code repository to manage version control and collaborate effectively. All our HTML, CSS, JavaScript, and database scripts will be stored in the repository.

Project Management:

To stay organized, we'll use MS Project to track tasks, monitor progress, and create Gantt charts for milestone submissions.

**Assigned Tasks:**

* Gasper, Asif & Trevor: Design and develop the front-end using HTML, CSS, and Bootstrap.
* Asif & Trevor: Enhance user experience and interactivity with JavaScript.
* Gasper & Axel: Handle back-end development and database integration using MySQL, PHP.
* Axel: Take charge of project management tasks, including coordinating tasks, tracking milestones, and documenting progress.

*Note: We will collaborate and support each other with tasks, and we may adjust assigned tasks as necessary.*

**Conclusion:**

Our project proposal outlines the development of an online shopping website that meets the given criteria. By leveraging HTML, CSS, JavaScript, Bootstrap, MySQL, PHP, 00webhost, GitHub, and MS Project, we'll create a functional and visually appealing web application. Each group member's assigned tasks align with their skills and expertise, ensuring efficient collaboration and successful project completion. We'll use Gantt charts to visualize our progress and ensure we meet milestones.