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| **Faculty of Science and Technology**  **CISC3003 – Web Programming** | |
| **Project Title: Shopping Cart System** | |
| **Group Members:** | |
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# 1 Abstract

The project offers a simple shopping cart system implemented with PHP PDO and a MySQL database, along with basic web programming scripts including HTML, JavaScript, and CSS. The main goal of implementing this system is to provide a user-friendly user interface for online shopping and product management.

The system enables users to add products to a product view by uploading specific product details, including the name, description, price, and image. This feature enables a dynamic and customizable product catalogue that can be tailored to the user’s preferences or business needs.

Once the products are listed in the product view, users have the choice to either add these products to their shopping cart or directly place an order from the product view itself. The two entrances to the same feature provide users the ability to shop along their paces.

The shopping cart feature of the system allows users to review their selected products. These are products user decided to buy but didn’t buy immediately. Users can modify quantities of these products or remove the unneeded items before finalizing their purchase. The system eventually generates an order view where users can view the details of their orders, including purchasing date and order status.

# 2 List of Services

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| Add products into product view |
| Add products from product view into shopping cart |
| Purchase directly within the product view |
| Place a summarized order in the shopping cart |
| Delete individual products in the shopping cart |
| Empty the entire shopping cart |

# 3 List of Tasks

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| Create Database in phpMyAdmin |
| Retrieve data from database using PDO |
| Define UI styles using CSS |
| Define interactions using JavaScript |

# 4 Project Accomplishments

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| add\_products.php |
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# 5 Project Incomplete

This project lacks a user login system, where a user can login using his or her email and password. Moreover, a login token is also provided for verifying the email of the user.