



**CS5054NI Advanced Programming & Technologies**

**50% Group Coursework 1**

**Sprint Semester 2025**

**15 Credit Semester Long Module**

**Group Information**

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| **London Met ID** | **Student Name** |
| **23050347** | **Madan Shrestha (C9)** |
| **23050274** | **Abhinav Paudyal (C9)** |
| **23049027** | **Pratyush Badal (C9)** |
| **23050409** | **Dikshant Timsina (C9)** |
| **23048888** | **Rijan Buddhacharya (C9)** |

**Project Title:** Gaming and Pc E-Commerce site

**Assignment Due Date:** Tuesday, May 14, 2025

**Assignment Submission Date:** Click or tap to enter a date.

**Submitted to:** Mr. Prithivi Maharjan

**Word Count:** Enter the total word count

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| **GitHub Link:** |  |

*I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.*

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# 1. Introduction

## Purpose

## Audience

Our target audience consists of individuals looking for PCs and gaming accessories.

OneZ e-commerce website is designed for customers who are looking for powerful gaming PCs and accessories. We serve all customers looking for affordable gaming PCs to gamers in search of high-end pc setups. Similarly, it also offers a variety of accessories, including a mouse, keyboards, mousepads, graphics cards, and processors, all available through our website.

Not only gamers, but we also serve to content creators and students who need powerful setups that fit their budget. By contacting to us, customers can build custom PCs based on their specific requests, offering quality components and ensuring better user experience. Similarly, a wide range of PCs and accessories, from basic to high-end are offered by us to suit customers’ requirements.

## Aim and Objectives

## Feature List

### 1.4.1 User Authentication

There are two sets of user’s admin and customer, each will get different access accordingly. The user’s will be able to register and then login.

### 1.4.2 Add to cart and Wishlist

With this feature customers will be able to add the items chosen to cart to either buy or view it later. Also, with the Wishlist the customers will be able to save products that are out of stock.

### 1.4.3 Search and filter product

Users will be able to search for the required products and filter out the products based on prices and popularity.

### 1.4.4 Payment

Customers will be redirected to various payment option after confirming the purchase of a product. Customers will be allowed to pay online or cash on delivery, for online they can pay via different online platforms.

### 1.4.5 Feedback

Customers will be able to give reviews and rating on the products bought on accordance to its prize and quality.

### 1.4.6 Inventory management

Admin can add, update or delete a product on the inventory. Also, the system will automatically alert the admin if any product stocks run low.

### 1.4.7 Dashboard

Admins can view the sales details in profit and loss. Also, they can see which items are top sellers.

### 1.4.8 feedback review

Admins can view the feedback given by customers on their product and give feedback on their reviews making customers more comfortable with the customer service.