<div align="center">

TECHBAY
Online Computer Store

Amala Benny
Roll no:04

</div>

Introduction

Online computer store is a form of electronic ecommerce which allows consumers to directly buy wide range of different computers and its accessories including laptops, keyboards, mice, monitors, graphic cards, storage devices, and more from a seller over the Internet using a web browser. The system will automate various processes, ensuring efficient inventory management, order processing, and customer service.

For this project, a preliminary study was conducted on the online computer store sales management system at TECHBAY International ,Mukkam. Key observations from the study include online computer sales manangement , inventory management, order processing, ensure timely delivery ,ensure secure payment and better customer service.

In existing computer sales management system in TECHBAY International operates as a retail sales and service of computers, laptops, and accessories, along with Bajaj Finance services for customers. TECHBAY international is a proprietorship firm has registered under the Goods & Service Department, Government of India. It has dramatically grown, serving over 1,000 happy customers all over kerala, employing 12 staff members, and partnering with renowned brands such as Dell, HP, ASUS, Lenovo, and more. Delivery partners include E Com, Delhivery, Professional, DTDC, and Blue Dart. This collaborates with leading brands such as Dell, HP, ASUS, Lenovo, Toshiba, Acer, and more, to offer a wide range of products. Customers want to visit the mukkam branch to purchase products including computer and its accessories. The existing system relies heavily on manual processes for inventory management, customer interaction, and order processing, which can lead to inefficiencies. Despite the success of the physical retail model, the absence of an online platform limits Techbay International's ability to reach a broader audience and provide the convenience of online shopping and home delivery, thus restricting the customer base to those within geographical proximity.

The proposed system for Techbay International involves developing a comprehensive eCommerce website to enhance the shopping experience for customers seeking computer and its accessories. This platform will feature an extensive catalog of products, including keyboards, mice, monitors, graphic cards, and storage devices, each with detailed specifications, customer reviews, and competitive pricing to aid informed decisions. The user-friendly interface will facilitate easy navigation, efficient search filters, and product comparisons, while personalized recommendations will enhance the shopping experience. Sellers will benefit from robust tools to manage listings, track sales, and engage with customers, along with detailed product pages and analytics. The platform will ensure secure payment processing and reliable delivery through trusted partners such as E Com, Delhivery, Professional, DTDC, and Blue Dart, with real-time tracking for shipments. By expanding Techbay International's reach beyond its physical store in Mukkam, Kerala, the website will attract a nationwide audience, offering automated inventory management and seamless integration with existing systems. The aim is to create a one-stop destination for buyers and sellers, combining a wide range of high-quality products with exceptional customer support, thus enhancing market presence and operational efficiency.

Objective and Scope of the Project

The objective of the Online computer store project is to develop a comprehensive software solution that automates and optimizes online computer sales operations, including order management, inventory management, order processing, ensure timely delivery, ensure secure payment system and better customer service. The system aims to enhance efficiency, reduce costs, and improve customer satisfaction by integrating these features into a unified platform. The scope includes creating a web-based interface to provides analytics and reporting features to help seller monitor their performance, understand market trends, and optimize sales strategies. Secure payment processing and reliable logistics support foster a trustworthy environment for both buyers and sellers. Overall, this website aims to become a one-stop destination for buyers and sellers seeking reliable and high-quality products including computer and its accessories to manage all aspects of online computer sales management system, handling various user roles, and integrating with existing e-commerce platforms and payment gateways. This project will provide a scalable solution tailored to the needs identified during the preliminary study.