Pak-Austria Fachhochschule Institute of Applied Sciences and Technology

SHOP MANAGEMENT SYSTEM

Submitted by:

Group Members	Registeration No.
Imran Irshad	B21F0396CS029
Abdul Rehman Abbasi	B21F0225CS014

Client:

Computer Arena Shop (Haripur)

Submitted to:

Dr. Ghufran Ullah

Date:

March 14, 2023

Department of IT & Computer Science

Introduction:

We made a desktop-based application using C-Sharp (C#), in order to manage the shop. This project is fully based on Graphical user interface (GUI). We need an application to manage our client shop of laptops, so the basic requirements (functional) to store the record of products, total sell products, top customers, users (shop keeper/admin) and orders. So, we have to design a such application that fulfils these requirements.

Requirements:

User management:

The system should have the capability to create, edit, and delete user accounts with various levels of access permissions.

Inventory management:

The system should allow users to add, edit, and delete products and track their stock levels in real-time.

Purchase management:

The system should provide the functionality to create, edit, and delete purchase orders for products, track supplier information, and maintain a purchase history.

Security:

The system should have security features to prevent unauthorized access to sensitive information and protect against data loss or theft.

User-friendly interface:

The system should have a user-friendly interface that allows users to quickly and easily navigate the system and perform required actions.

Conclusion:

In conclusion, the Shop Management System is a comprehensive solution for managing the shop i.e., product list, users, customers, bills etc. It provides an efficient and organized way of storing and retrieving data. The system is designed to be user-friendly, making it easy for the users to navigate. The project is developed using C# as the front end and MySQL server as the

backend database. As a desktop-based application, the system can be accessed from a single computer, ensuring data security and ease of use.