

ID: 04200101466

NAME: Md. Mehedi Hasan

COURSE CODE: CSE 1290

COURSE TITLE: Software Development I (C Programming)

**Submitted to
Sanjida Akter
Senior lecturer, CSE, NUB**

PROJECT OVERVIEW AND DISCUSSION

POS System means point of sale, or point of purchase system. A POS system allows your business to accept payments from customers and keep track of sales. Our POS system calculates the price of the item, including any sales tax. Then the system updates the inventory count to show that the item is sold. It also store product stock information automatically when any product buy or sale. User can view stock information any time. User can see profit any time.

I use c++ language for this project. We use Code::Blocks and GCC to build this project. We need Computer, Monitor, Mouse and Keyboard to run this software. I use single link list to store information. I also use a library to show output beautifully called “tabulate”.

Using this POS System software user can add product, view product info, update product, delete product. User can also buy and sale product. Also can see product stock info. User can add customer, view customer info, update customer, delete customer. User can add supplier, view supplier info, update supplier, delete supplier. User can purchase product form supplier. User can sale product to customer. Stock will automatically update when user sale or buy product. And user can see stock information any time. User can see all sale invoice list at a time.