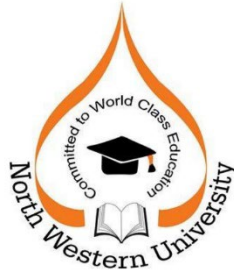


NORTH WESTERN UNIVERSITY



Report

Course Code: CSE-2102

Course Title: Object Oriented Programming Laboratory

Special Thanks to:

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1.Introduction

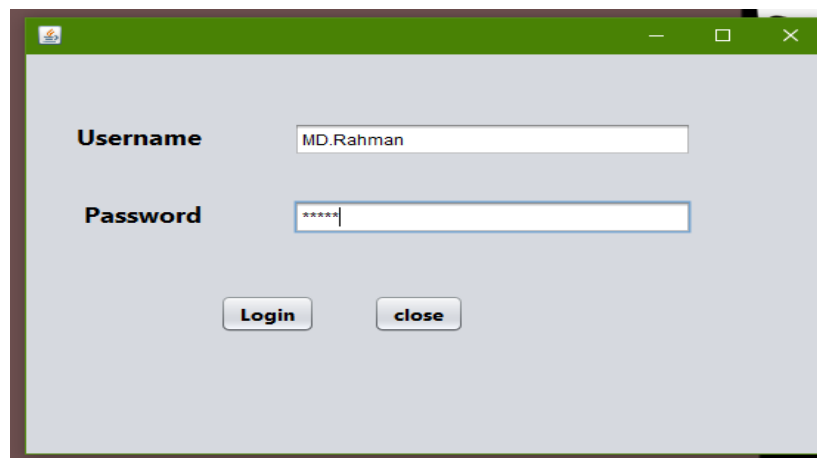
GUI, which stands for Graphical User Interface, is a user-friendly visual experience builder for Java applications. It comprises graphical units like buttons, labels, windows, etc. via which users can connect with an application. Swing and JavaFX are two commonly used applications to create GUIs in Java.

2.Objectives

The purpose of this lab project was to learn and implement java swing application which is a GUI widget toolkit for Java . The objective of this project is to create a program that can calculate the total bill of online shopping with product and customer details. The receipt of the bill have to be in pdf format.

3.Description

Log In: This the login frame of “The Billing System” Project. Enter the username (which can be anything) and password (12345).



Press the “**Log in**” button.

Billing System Frame: This is the Billing system frame which the main frame of the project. Here we need to input the necessary information and Click on the “submit” button.

The screenshot displays a software window titled "Billing System" with a green title bar. The window contains several input fields and buttons. On the left, there are fields for "Product Name" (Keyboard), "Quantity" (5 pieces), "Company Name" (Private.Co), "Discount" (15 %), "Price" (2000), and "Seller ID" (qw123ew). On the right, there are fields for "Customer name" (Raquib Rumi), "Address" (Khulna), and "Mobile Number" (01723456790). Below these fields are two buttons: "Submit" and "Reset". In the bottom right corner, there is a red "Exit" button. At the bottom of the window, there is a "Receipt:" section with a "Print" button. The receipt is divided into two columns: "Customer Information" and "Product Information". The customer information includes the name "Raquib Rumi", address "Khulna", and mobile number "01723456790". The product information includes "Keyboard", "5 Pieces", "8500.0 Taka (with discount)", "Private.Co", and "Seller ID: qw123ew".

Billing System	
Product Name: Keyboard	Customer name: Raquib Rumi
Quantity: 5 pieces	Address: Khulna
Company Name: Private.Co	Mobile Number: 01723456790
Discount: 15 %	Submit
Price: 2000	Reset
Seller ID: qw123ew	

Receipt:	
Print	
Customer Information	Product Information
Raquib Rumi	Keyboard
Khulna	5 Pieces
01723456790	8500.0 Taka (with discount)
	Private.Co
	Seller ID: qw123ew

PDF Generate: After pressing the “Print” button the receipt is going to be converted into pdf.

The screenshot shows the 'Billing System' window with an 'Exit' button in the top right corner. The form contains the following fields and values:

Field	Value
Product Name:	Keyboard
Customer name:	Raquib Rumi
Quantity:	5 pieces
Address:	Khulna
Company Name:	Private.Co
Mobile Number:	01723456790
Discount:	15 %
Price:	2000
Seller ID:	qw123ew

Below the form are 'Submit' and 'Reset' buttons. A green message box titled 'Message' is displayed in the center, containing an information icon and the text 'Bill Generated', with an 'OK' button.

At the bottom, there is a 'Receipt:' section with a 'Print' button. To the right of the button are two scrollable areas for 'Customer Information' and 'Product Information'.

AKR Billing System
Contact Number: +8801641630834

****Customer Information****

Customer Name: Raquib Rumi
Contact NO: 01723456790
Address: Khulna

****Product Information****

Product name: Keyboard
Quantity: 5 pieces
Company Name: Private.Co
Discount: 15%
Price: 8500.0 Taka
Seller ID: qw123ew

Thank You For Visiting! Please Come Again

4.Dependencies:

NetBeans IDE 15: NetBeans is an integrated development environment for Java. NetBeans allows applications to be developed from a set of modular software components called modules. NetBeans runs on Windows, macOS.

NetBeans IDE lets you quickly and easily develop Java desktop. To built this project we use Java language and Java Built in Packages.

21 June, 2023

North Western University

Khulna, Bangladesh.