Port City International University

Excellence in Higher Education

UGC & Govt. Approved University at Khulshi in Chittagong

Final-Term Lab Report

Course Code: CSE 212
Course Title: Object Oriented Programming Sessional

Experiment Name:

Final Lab Report

Submitted by

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Batch: 21-D-B

Submitted To

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Department of : Computer science and engineering
Port City International University

Date: 02-12-2021

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Problem:01

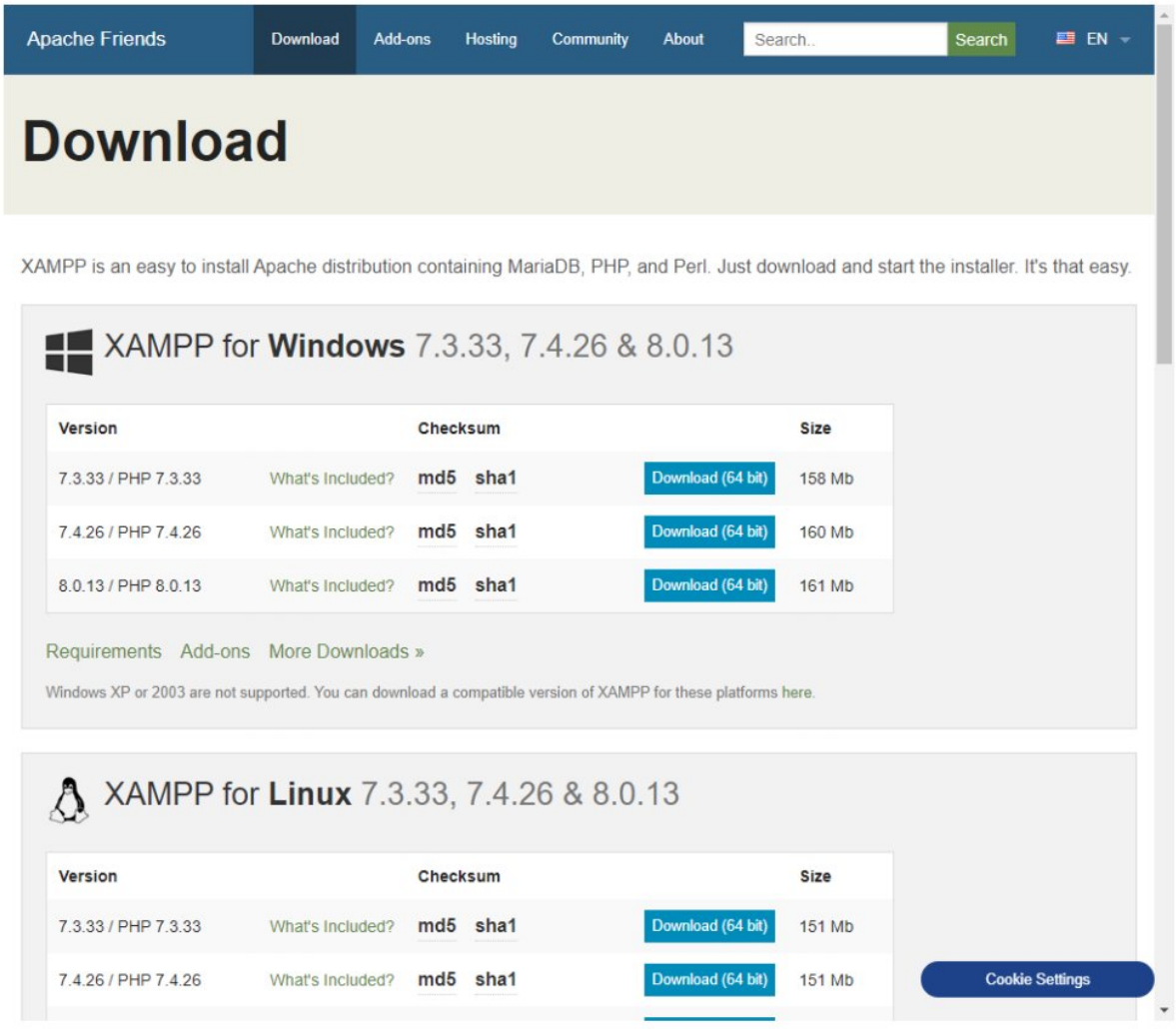
Problem Statement: XAMPP Installation **.**

Problem Description: XAMPP is the most popular PHP development environment. XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP, and Perl. The XAMPP open source package has been set up to be incredibly easy to install and to use.

Installation Process:

Step 01:At First Download XAMPP Form the following Link:
https://www.apachefriends.org/download.html

Step 02: Goto ⟶ downloads ⟶And Complete Installation.



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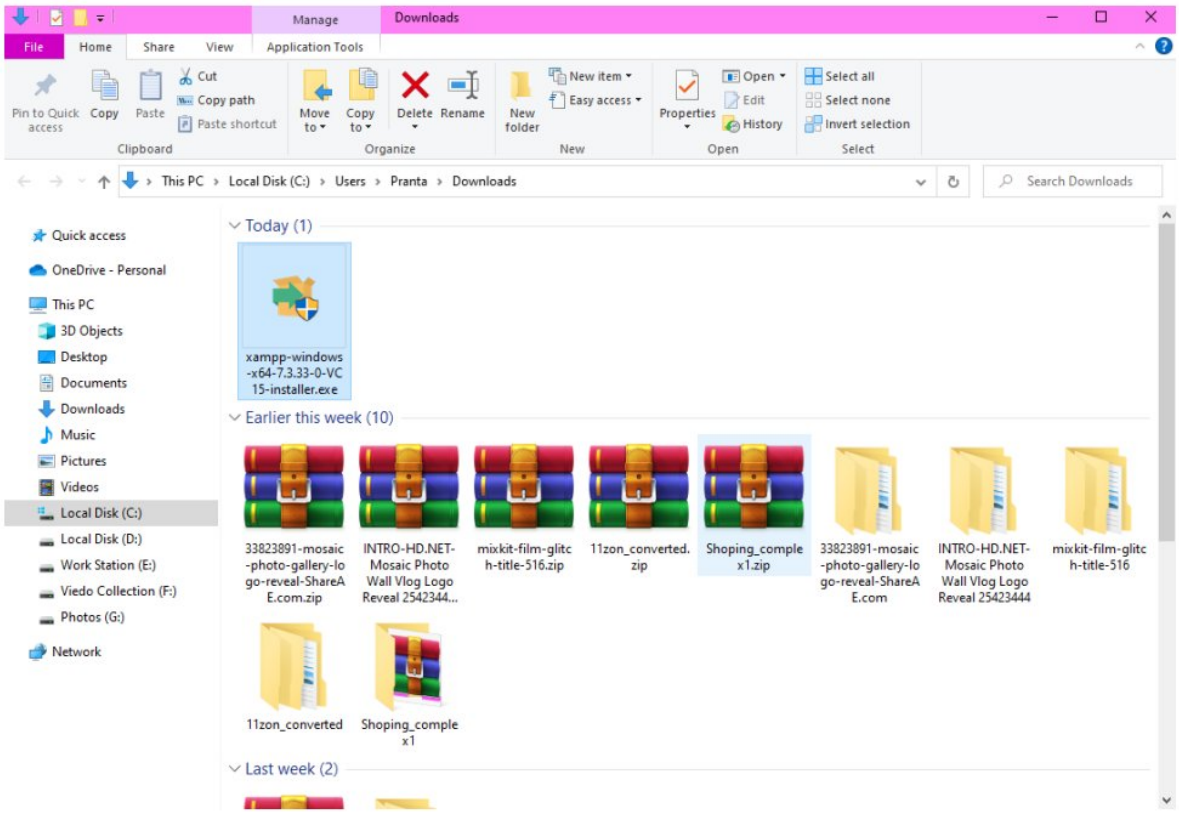

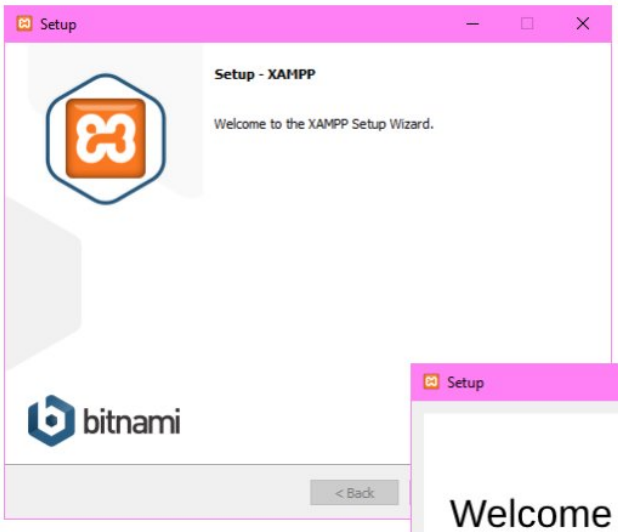

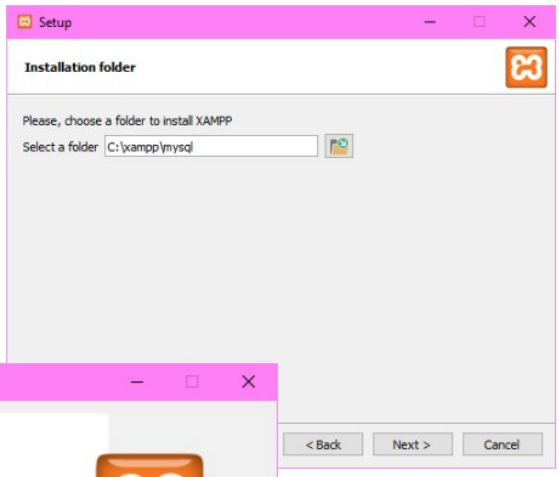

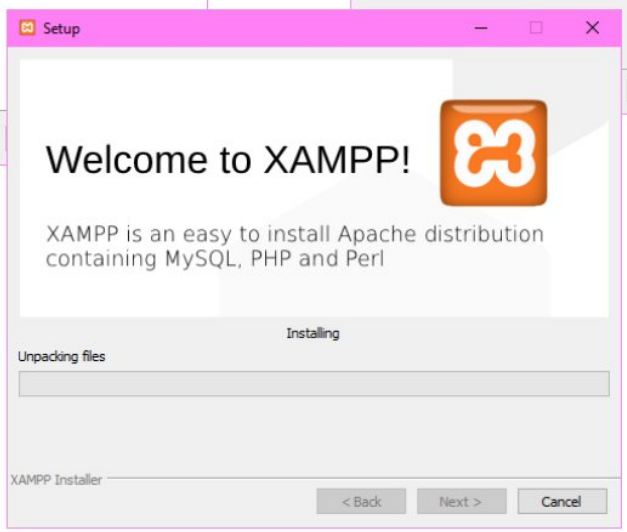

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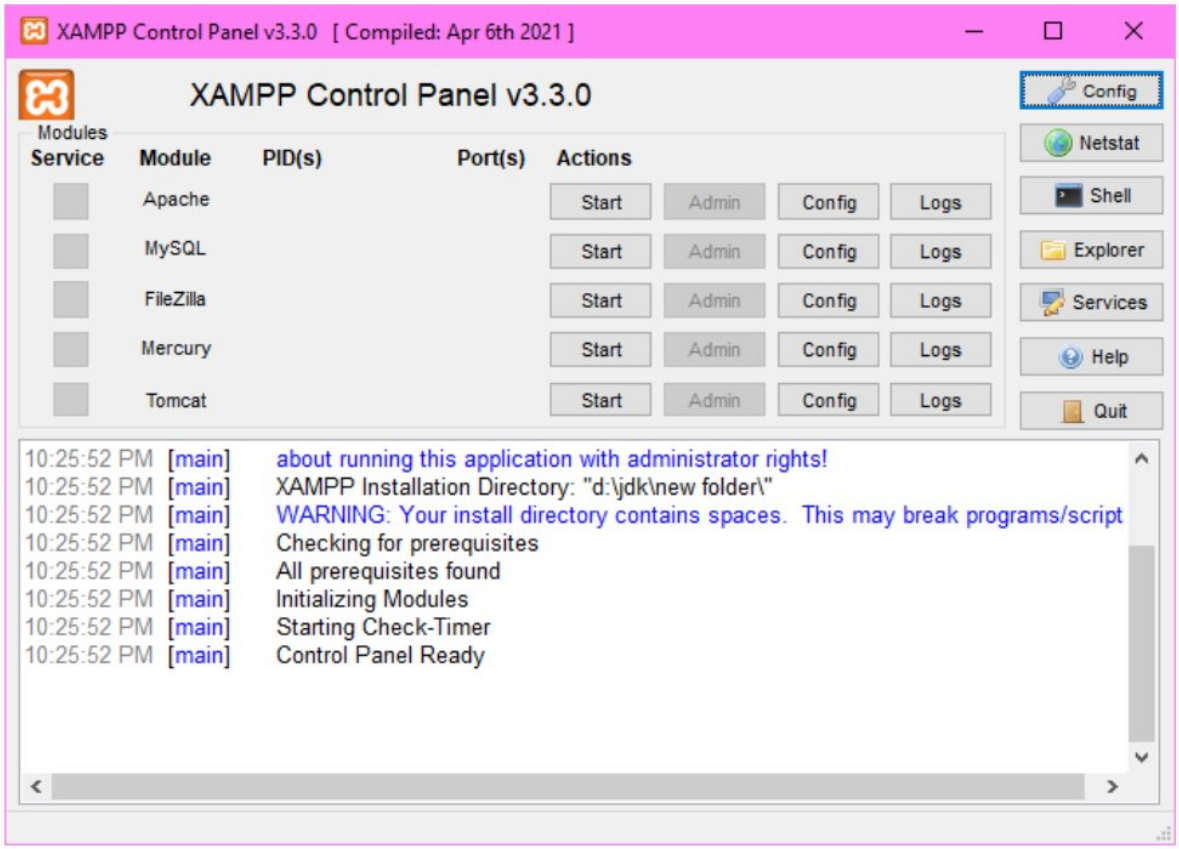
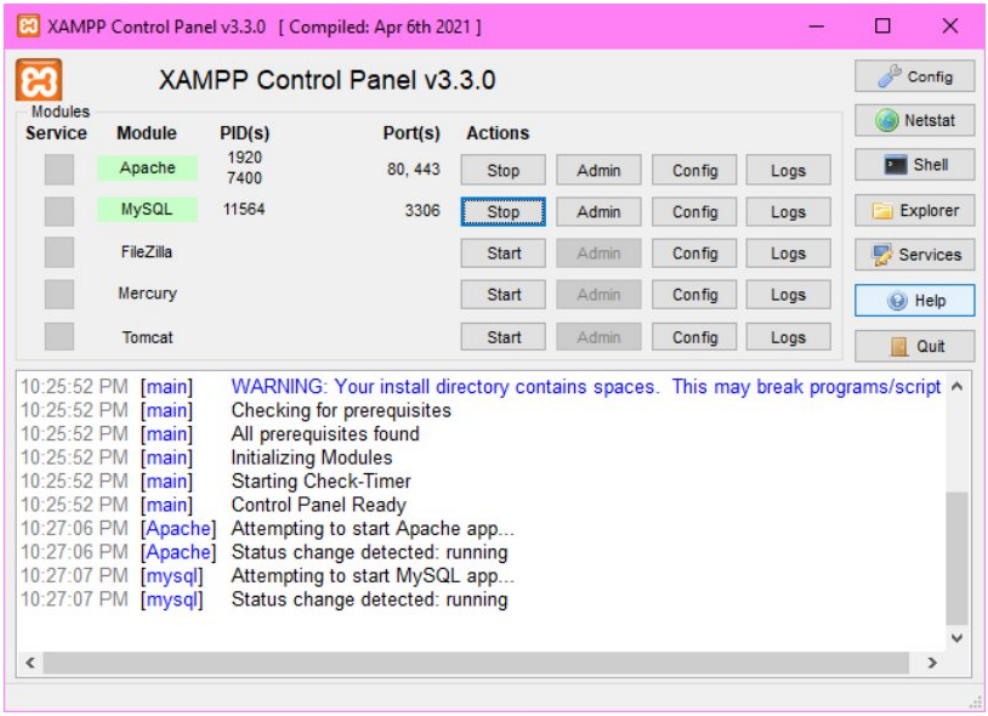
Step 03: Now Open XAMPP.



Step 04: Start Apache And Start My SQL. And here we can see their port numbers.



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Problem:02

Problem Statement: Smart Shop Management System Project.

Problem Description: The Smart Shop Management System Project In Java is developed using Java Programming Language, This Smart Shop Management System Project And MySQL is simple and basic level small project**.** A Smart Shop Management System Project Java Code allows you to keep the product records and manage them when needed. This is a simple java project with a good and interactive-looking GUI. This Project Use My SQL Database for managing all the data that store in the database.In this project we first need to log in with user ID password. Then we will be able to manage the data of the product of our departmental shop.

LOG In Codes:

```
public class lon_in_page extends javax.swing.JFrame {
    public lon_in_page() {
        initComponents();
        jLabel2.setVisible(false);
    }
private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jTextField1ActionPerformed
private void jTextField1FocusGained(java.awt.event.FocusEvent evt) {//GEN-
FIRST:event_jTextField1FocusGained
   jLabel2.setVisible(false);
   if(jTextField1.getText().equals("Enter User Name"))
   {
```

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```
        jTextField1.setText("");
    }
     }//GEN-LAST:event_jTextField1FocusGained

    private void jTextField1FocusLost(java.awt.event.FocusEvent evt) {//GEN-
FIRST:event_jTextField1FocusLost
    jLabel2.setVisible(false);
    if(jTextField1.getText().equals(""))
    {
        jTextField1.setText("Enter User Name");
    }
     }//GEN-LAST:event_jTextField1FocusLost

    private void jPasswordField1FocusGained(java.awt.event.FocusEvent evt)
{//GEN-FIRST:event_jPasswordField1FocusGained
    jLabel2.setVisible(false);
    if(jPasswordField1.getText().equals("Enter Password"))
    {
        jPasswordField1.setText("");
    }
     }
    private void jPasswordField1FocusLost(java.awt.event.FocusEvent evt)
{//GEN-FIRST:event_jPasswordField1FocusLost
    jLabel2.setVisible(false);
    if(jPasswordField1.getText().equals(""))
    {
        jPasswordField1.setText("Enter Password");
```

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```
}
    }
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jButton2ActionPerformed
if(jTextField1.getText().equals("Admin") &&
jPasswordField1.getText().equals("admin") )
{
    setVisible(false);
    new Dashbord().setVisible(true);
}
else
    jLabel2.setVisible(true);

    }//GEN-LAST:event_jButton2ActionPerformed

    private void jCheckBox1ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jCheckBox1ActionPerformed
   if(jCheckBox1.isSelected())
   {
  jPasswordField1.setEchoChar((char)0);
          }
   else
   {
   jPasswordField1.setEchoChar('*');
   }
```

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Our Dashbord Codes:

```
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import java.sql.DriverManager;
import java.sql.Connection;
import java.sql.SQLException;
import java.sql.Statement;
import java.sql.ResultSet;
import java.util.logging.Level;
import java.util.logging.Logger;

public class Dashbord extends javax.swing.JFrame {

    public Dashbord() {

        initComponents();

    }
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)
{//GEN-FIRST:event_jButton3ActionPerformed
DefaultTableModel model = (DefaultTableModel)jTable1.getModel();
   model.addRow(new Object[]{jtextid.getText(), jtextproduct.getText(),
                             jtextqnt.getText(), jtextprice.getText()});
```

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```
    }
private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {//GEN-
FIRST:event_jTable1MouseClicked
     DefaultTableModel model = (DefaultTableModel)jTable1.getModel();
     int selectedRowIndex = jTable1.getSelectedRow();
      jtextid.setText(model.getValueAt(selectedRowIndex, 0).toString());
      jtextproduct.setText(model.getValueAt(selectedRowIndex, 1).toString());
      jtextqnt.setText(model.getValueAt(selectedRowIndex, 2).toString());
      jtextprice.setText(model.getValueAt(selectedRowIndex, 3).toString());
    }

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt)

       String querysave = "insert into list (Product Name,ID,Price,Quantity)
values
('"+jtextproduct.getText()+"','"+jtextid.getText()+"','"+jtextprice.getText()+"','"+
jtextqnt.getText()+"')";
       System.out.println(querysave);
       try {
          Class.forName("com.mysql.cj.jdbc.Driver");
          Connection connection = (Connection)
DriverManager.getConnection("jdbc:mysql://3306/shop_management","root",""
);
          Statement statement = connection.createStatement();
          statement.executeUpdate(querysave);
          statement.close();
          connection.close();

       } catch (ClassNotFoundException ex) {
          Logger.getLogger(Dashbord.class.getName()).log(Level.SEVERE, null,
ex);
       } catch (SQLException ex) {
          Logger.getLogger(Dashbord.class.getName()).log(Level.SEVERE, null,
ex);
       }

    }
public static void main(String args[]) {
       java.awt.EventQueue.invokeLater(new Runnable() {
```

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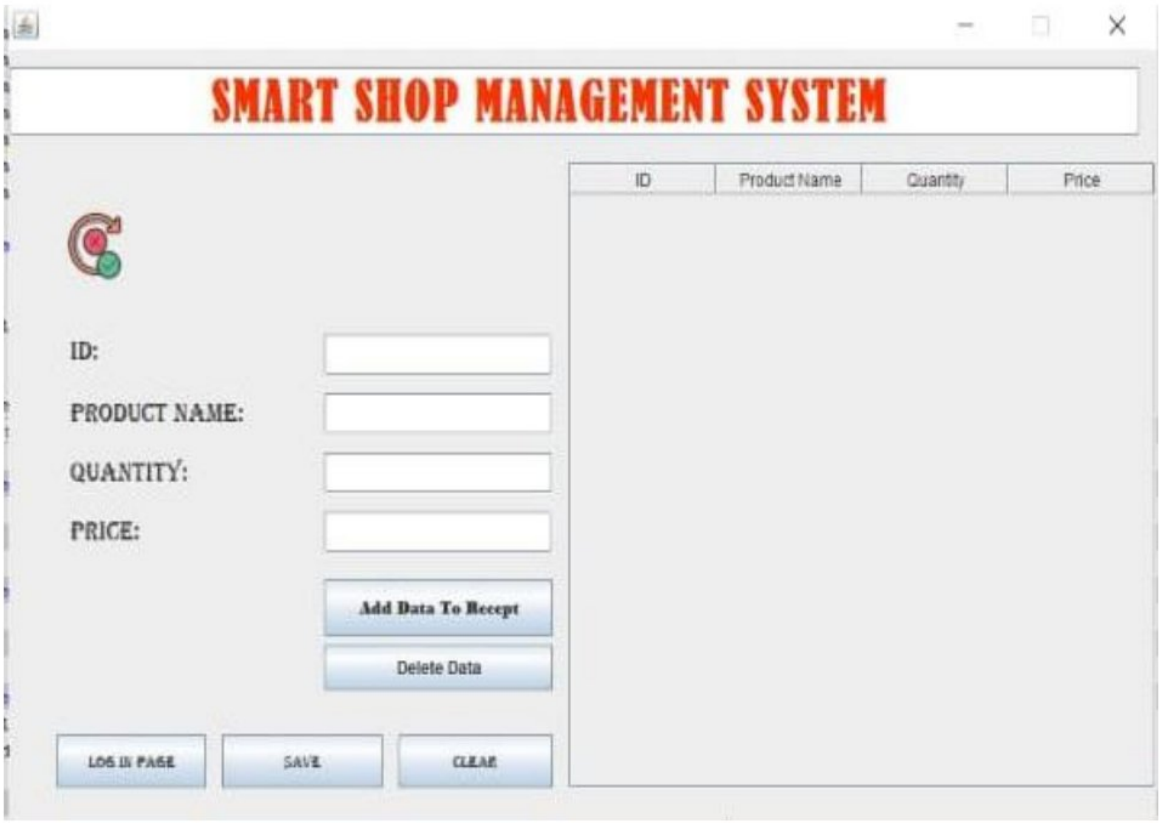
```
            public void run() {
                new Dashbord().setVisible(true);
            }
        });
    }
```

Our Dashboard:



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