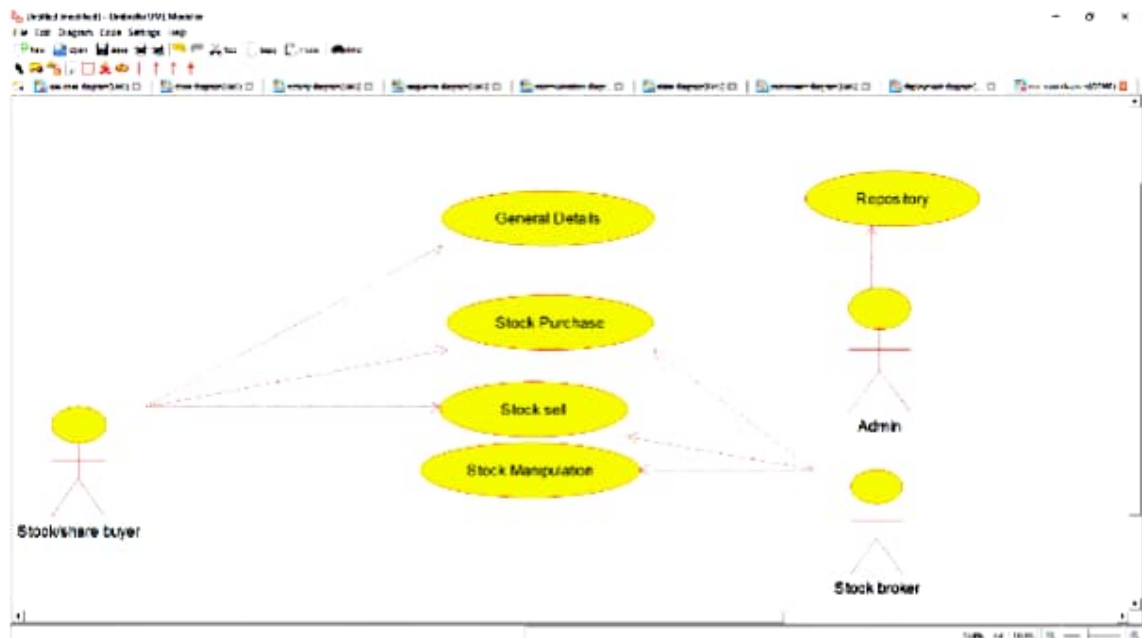
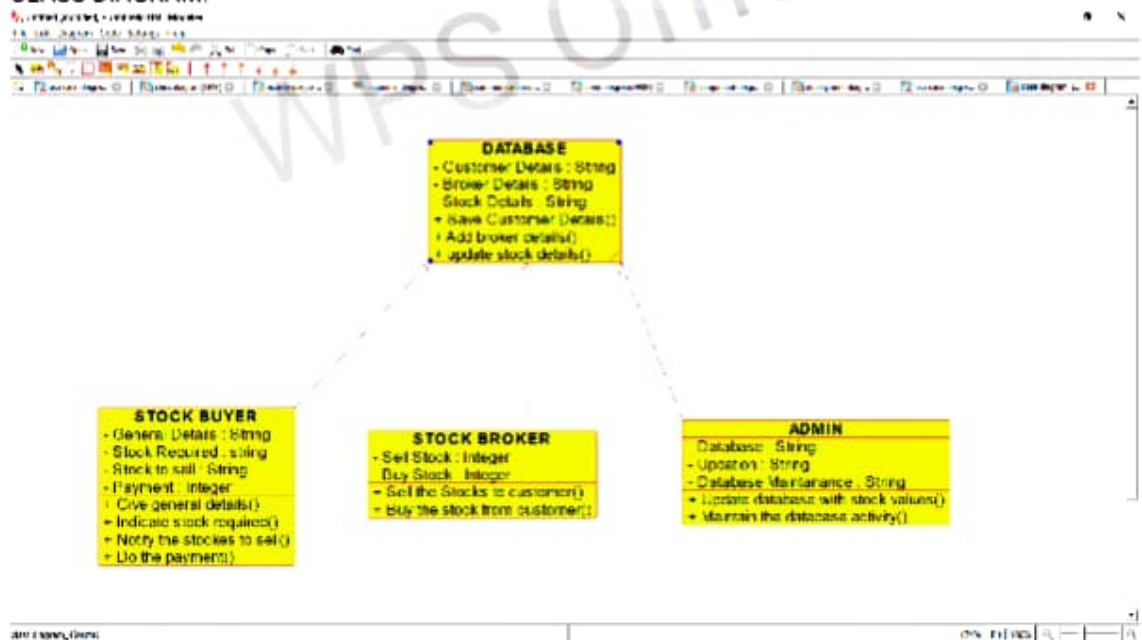


EXPERIMENT 24: ONLINE STOCK MONITORING SYSTEM

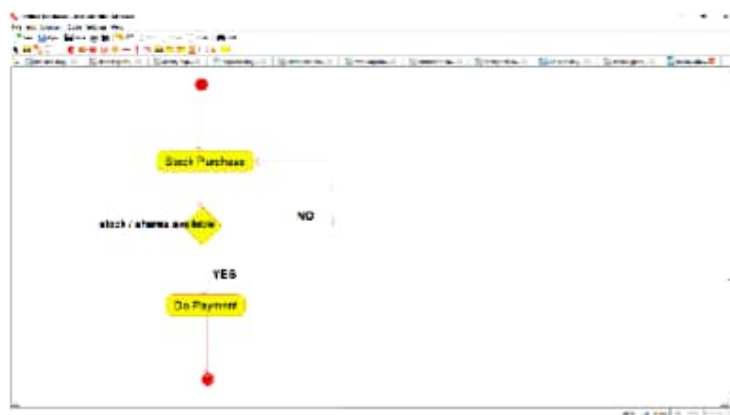
USE CASE DIAGRAM:



CLASS DIAGRAM:



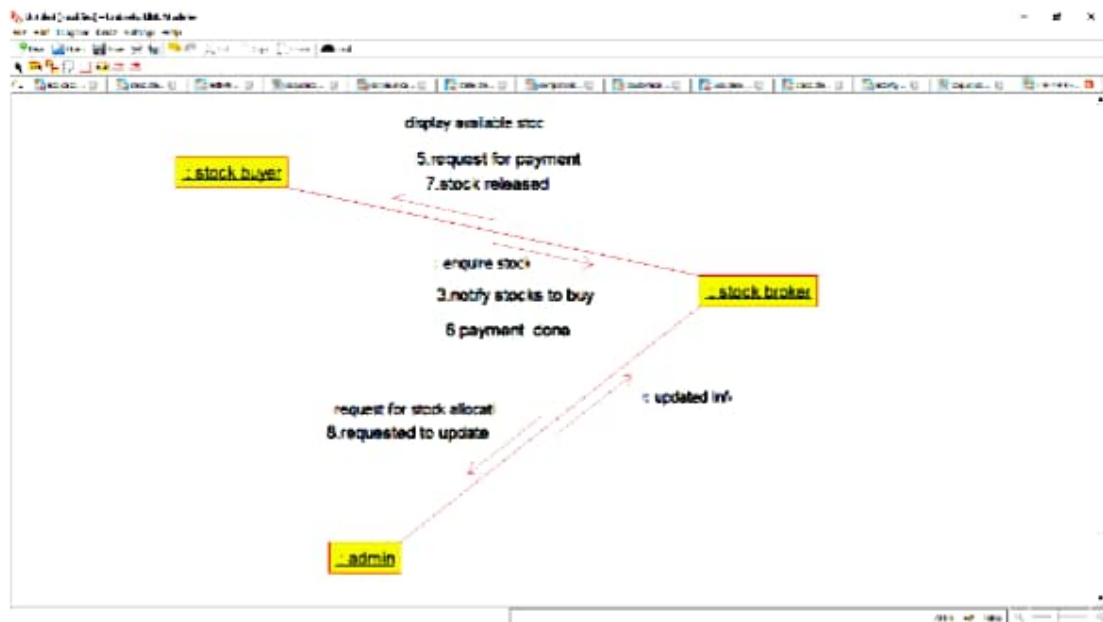
ACTIVITY DIAGRAM:



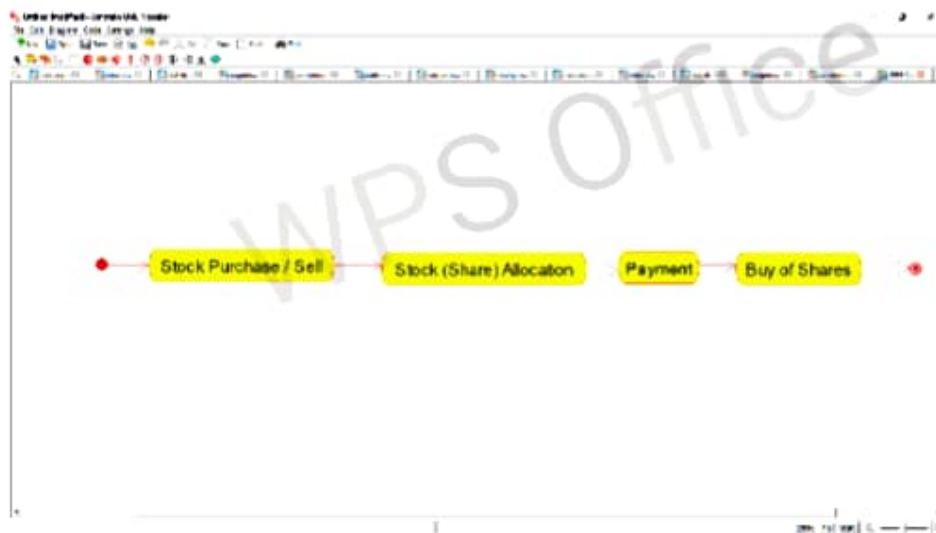
SEQUENCE DIAGRAM:



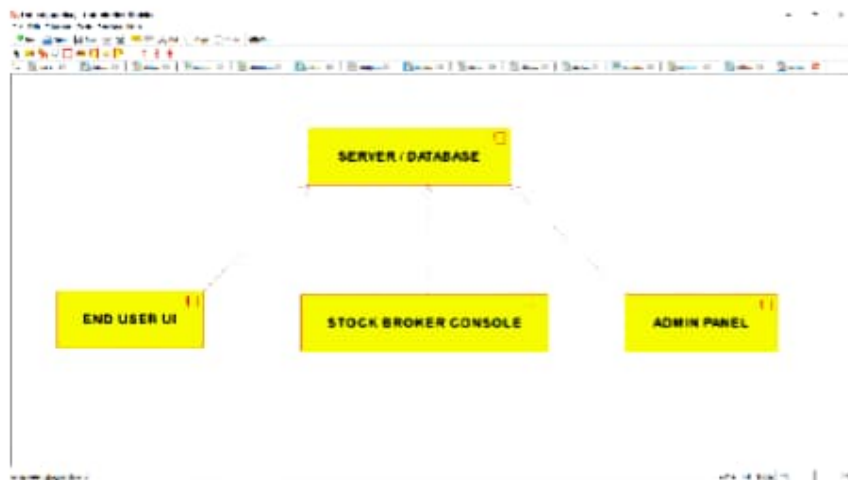
COLLABORATION DIAGRAM:



STATE CHART DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



PROGRAM CODING:

```

/**
 * Class ADMIN
 */
public class ADMIN {
    //
    // Fields
    //
    private String Database;
    private String Updation;
    private String Database_Maintanance;
    //
    // Constructors
    //
    public ADMIN () {};
    //
    // Methods
    //
    //
  
```

```

// Accessor methods
//
/**
 * Set the value of Database
 * @param newVar the new value of Database
 */
private void setDatabase (String newVar) {
    Database = newVar;
}
/**
 * Get the value of Database
 * @return the value of Database
 */
private String getDatabase () {
    return Database;
}
/**
 * Set the value of Updation
 * @param newVar the new value of Updation
 */
private void setUpdation (String newVar) {
    Updation = newVar;
}
/**
 * Get the value of Updation
 * @return the value of Updation
 */
private String setUpdation () {
    return Updation;
}
/**
 * Set the value of Database_Maintanance
 * @param newVar the new value of Database_Maintanance
 */
private void setDatabase_Maintanance (String newVar) {
    Database_Maintanance = newVar;
}
/**
 * Get the value of Database_Maintanance
 * @return the value of Database_Maintanance
 */
private String getDatabase_Maintanance () {
    return Database_Maintanance;
}
//
// Other methods
//
/**
 */
public void Update_database_with_stock_values()
{
}
/**
 */
public void Maintain_the_database_activity()
{
}
}
/**
 * Class DATABASE
 */
public class DATABASE {
    //
    // Fields
    //
    private String Customer_Details;
    private String Broker_Details;
    private String Stock_Details;
    //
    // Constructors
    //
    public DATABASE () { };
    //
    // Methods
    //

```

```

//
// Accessor methods
//
/**
 * Set the value of Customer_Details
 * @param newVar the new value of Customer_Details
 */
private void setCustomer_Details (String newVar) {
    Customer_Details = newVar;
}
/**
 * Get the value of Customer_Details
 * @return the value of Customer_Details
 */
private String getCustomer_Details () {
    return Customer_Details;
}
/**
 * Set the value of Broker_Details
 * @param newVar the new value of Broker_Details
 */
private void setBroker_Details (String newVar) {
    Broker_Details = newVar;
}
/**
 * Get the value of Broker_Details
 * @return the value of Broker_Details
 */
private String getBroker_Details () {
    return Broker_Details;
}
/**
 * Set the value of Stock_Details
 * @param newVar the new value of Stock_Details
 */
private void setStock_Details (String newVar) {
    Stock_Details = newVar;
}
/**
 * Get the value of Stock_Details
 * @return the value of Stock_Details
 */
private String getStock_Details () {
    return Stock_Details;
}
//
// Other methods
//
/**
 */
public void Save_Customer_Details()
{
}
/**
 */
public void Add_broker_details()
{
}
/**
 */
public void update_stock_details()
{
}
}
/**
 * Class STOCK_BROKER
 */
public class STOCK_BROKER {
    //
    // Fields
    //
    private Integer Sell_Stock;
    private Integer Buy_Stock;
    //
    // Constructors

```

```

//
public STOCK_BROKER () { };
//
// Methods
//
//
// Accessor methods
//
/**
 * Set the value of Sell_Stock
 * @param newVar the new value of Sell_Stock
 */
private void setSell_Stock (Integer newVar) {
    Sell_Stock = newVar;
}
/**
 * Get the value of Sell_Stock
 * @return the value of Sell_Stock
 */
private Integer getSell_Stock () {
    return Sell_Stock;
}
/**
 * Set the value of Buy_Stock
 * @param newVar the new value of Buy_Stock
 */
private void setBuy_Stock (Integer newVar) {
    Buy_Stock = newVar;
}
/**
 * Get the value of Buy_Stock
 * @return the value of Buy_Stock
 */
private Integer getBuy_Stock () {
    return Buy_Stock;
}
//
// Other methods
//
/**
 */
public void Sell_the_Stocks_to_customer()
{
}
/**
 */
public void Buy_the_stock_from_customer()
{
}
}
/**
 * Class STOCK_BUYER
 */
public class STOCK_BUYER {
//
// Fields
//
private String General_Details;
private String Stock_Required;
private String Stock_to_sell;
private Integer Payment;
//
// Constructors
//
public STOCK_BUYER () { };
//
// Methods
//
//
// Accessor methods
//
/**
 * Set the value of General_Details
 * @param newVar the new value of General_Details
 */

```

```

private void setGeneral_Details (String newVar) {
    General_Details = newVar;
}
/**
 * Get the value of General_Details
 * @return the value of General_Details
 */
private String getGeneral_Details () {
    return General_Details;
}
/**
 * Set the value of Stock_Required
 * @param newVar the new value of Stock_Required
 */
private void setStock_Required (String newVar) {
    Stock_Required = newVar;
}
/**
 * Get the value of Stock_Required
 * @return the value of Stock_Required
 */
private String getStock_Required () {
    return Stock_Required;
}
/**
 * Set the value of Stock_to_sell
 * @param newVar the new value of Stock_to_sell
 */
private void setStock_to_sell (String newVar) {
    Stock_to_sell = newVar;
}
/**
 * Get the value of Stock_to_sell
 * @return the value of Stock_to_sell
 */
private String getStock_to_sell () {
    return Stock_to_sell;
}
/**
 * Set the value of Payment
 * @param newVar the new value of Payment
 */
private void setPayment (Integer newVar) {
    Payment = newVar;
}
/**
 * Get the value of Payment
 * @return the value of Payment
 */
private Integer getPayment () {
    return Payment;
}
//
// Other methods
//
/**
 */
public void Give_general_details()
{
}
/**
 */
public void Indicate_stock_required()
{
}
/**
 */
public void Notify_the_stockes_to_sell()
{
}
/**
 */
public void Do_the_payment()
{
}

```


WPS Office