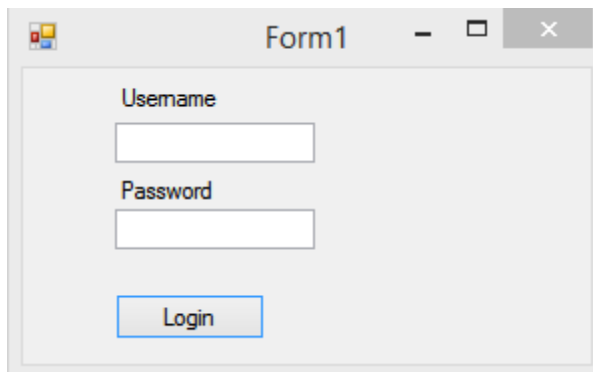

ADV VB ASSESSMENT 1

Running the Application

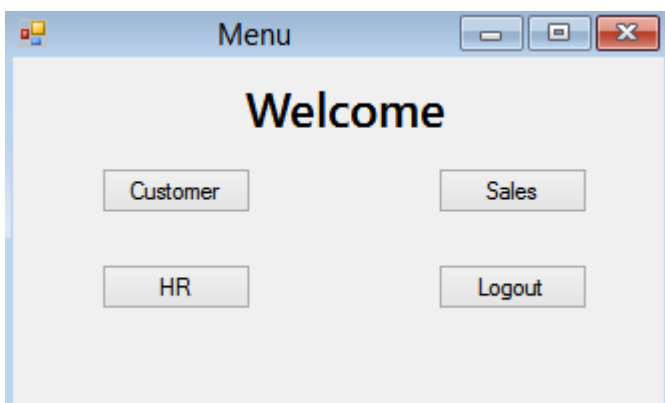
To successfully run this application, you must make sure you have both the library and the form projects on your machine. This application runs on the internal network, so please use this within the network that the server is on.

Login Form

A screenshot of a Windows application window titled "Form1". Inside the window, there are two text input fields. The first field is labeled "Username" and the second is labeled "Password". Below these fields is a button labeled "Login". The window has a standard Windows title bar with minimize, maximize, and close buttons.

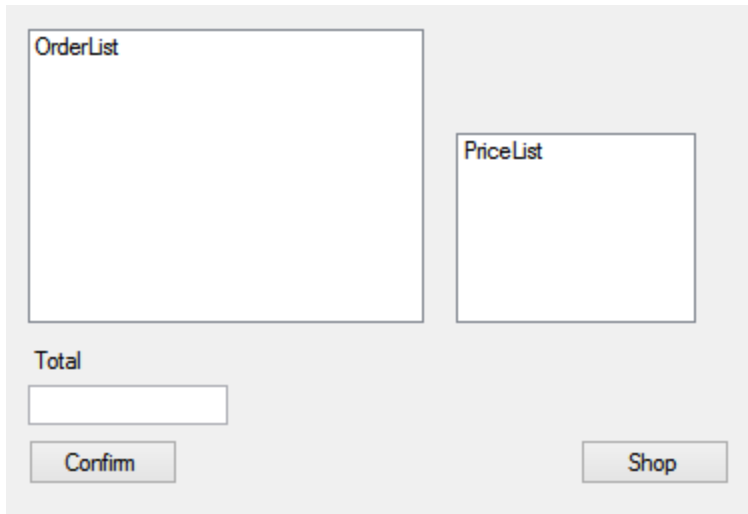
Here, users will be able to authenticate into the system. The application will validate the user's access level, and navigate to the main menu, allowing them to access other forms, suited to their access level.

Menu Form

A screenshot of a Windows application window titled "Menu". The window has a blue title bar. The main content area has a large "Welcome" text at the top. Below it, there are four buttons arranged in a 2x2 grid: "Customer", "Sales", "HR", and "Logout". The window has a standard Windows title bar with minimize, maximize, and close buttons.

Here, users will be able to navigate to other forms, suited to their level. Customers can only go to the customer form, sales can only go to the Sales form, and HR users can only go to the HR form. The user can also logout, if they wish.

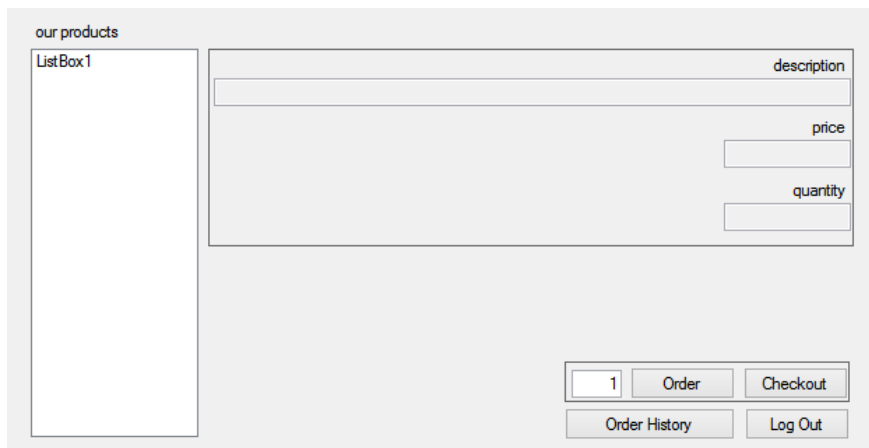
Checkout Form



The Checkout Form UI mockup consists of a light gray container. On the left, there is a large white rectangular area labeled "OrderList" in red text at its top-left corner. To its right is a smaller white rectangular area labeled "PriceList" in red text at its top-left corner. Below the "OrderList" area, the word "Total" is displayed in black text above a white input field. At the bottom left of the container is a gray button labeled "Confirm". At the bottom right is a gray button labeled "Shop".

Here, users with customer-level permissions, can access this form. They can view their orders and price of these orders here, as well as the total price of all the items summed up. They can confirm the order, or continue shopping.

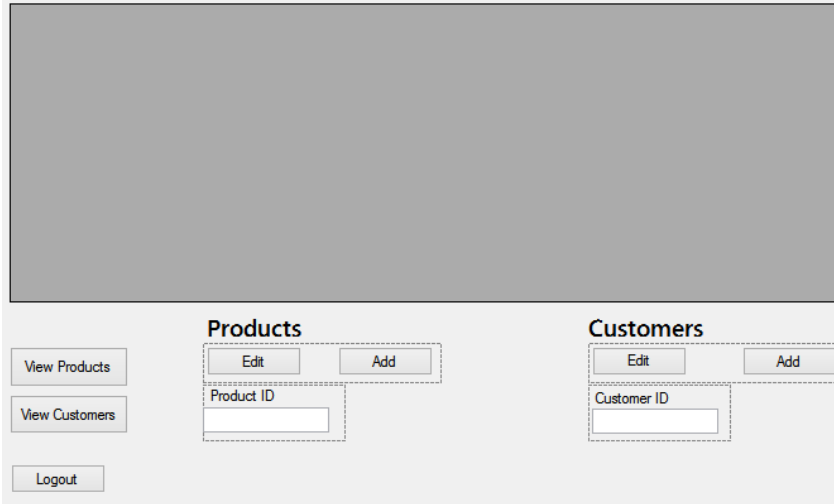
Customer Form



The Customer Form UI mockup is a light gray interface. On the left, under the heading "our products", is a vertical white list box labeled "ListBox1". To the right of the list box is a large white area containing a table with three rows and two columns. The first row has a header "description" in red text. The second row has a header "price" in red text. The third row has a header "quantity" in red text. Below the table, there is a white input field containing the number "1". To the right of the input field are two gray buttons: "Order" and "Checkout". Below these buttons are two more gray buttons: "Order History" and "Log Out".

Here, users with customer level permissions, can access this form. They can order products from the database, as well as make a transaction through the checkout form. Customers can view their order history, in a different from as well as logout.

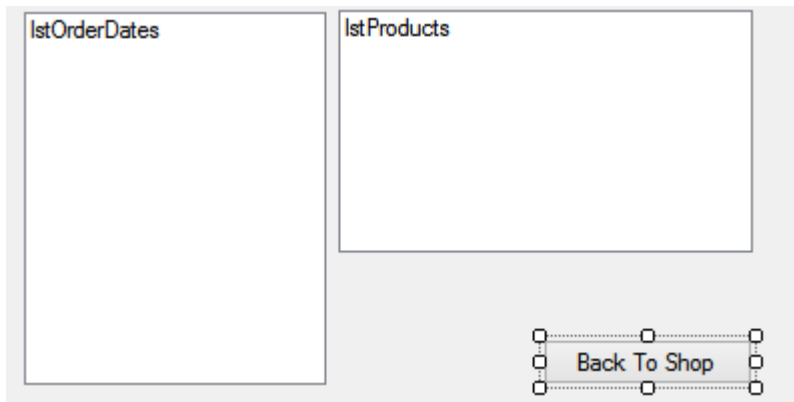
Employee Form



The Employee Form UI mockup features a large grey rectangular area at the top. Below this, on the left, are three buttons: 'View Products', 'View Customers', and 'Logout'. To the right of these buttons are two sections: 'Products' and 'Customers'. The 'Products' section contains an 'Edit' button, an 'Add' button, and a text input field labeled 'Product ID'. The 'Customers' section contains an 'Edit' button, an 'Add' button, and a text input field labeled 'Customer ID'.

Here, users with Sales level permissions, can view, edit and add products to the database. Sales users can also view, add and edit customer information.

Order History Form



The Order History Form UI mockup consists of two large rectangular areas on the left labeled 'lstOrderDates' and 'lstProducts'. At the bottom right of the form is a button labeled 'Back To Shop' with a dashed border and small square handles at its corners.

Here, users with customer level permissions, can view their order history. They can view the products and the date it was ordered.

HR Form

The HR Form interface consists of a header bar, a sidebar with navigation buttons, and two main content panels. The header bar is a solid gray rectangle. The sidebar on the left contains a 'Show Employees' button, a dashed box containing 'Edit Employee' and 'Add Employee' buttons, and a 'Logout' button at the bottom. The 'Add Employee' panel is a dashed box containing fields for Username, Password, First Name, Last Name, Date Of Birth, Salary, and an Access dropdown menu, with 'save' and 'cancel' buttons at the bottom. The 'Edit Employee' panel is a dashed box containing an ID field, an Employee ID field, and fields for First Name, Last Name, Date Of Birth, and Salary, with 'save' and 'cancel' buttons at the bottom.

Show Employees

Edit Employee

Add Employee

Logout

Add Employee

Username

Password

First Name

Last Name

Date Of Birth

Salary

Access

save

cancel

ID

Edit Employee

Employee ID

First Name

Last Name

Date Of Birth

Salary

save

cancel

Here, users with HR level authentication, can view, edit and add employees to the database. HR can assign an access level to new employees.