

Customers

This project views Customer Details and allows for File Maintenance (Add, Edit, Delete). It uses the Northwind database.

Ensure that you have downloaded the Northwind set-up script from Moodle and run the script in SQL Server. The Northwind database is required for this and all subsequent practicals.

Create the following forms, samples of which are attached

- Login Screen (LoginForm1)
- Customers Main Form MDI form (MainMenu)
- View Grid Showing Customer Details(ViewCustGrid) Assignment 5
- View Customer Details (ViewCustDetails) Assignment 6
- Add Customer Details (AddCustomer) Assignment 7
- Edit Customer Details (EditCustomer) Assignment 8
- Delete Customer Details using FindBy(DeleteByFind) Assignment 9

The forms are to be created and coded according to the above sequence

Login

A password is required to proceed from this screen to the Main Screen.

If the correct password is not entered an appropriate message box is displayed, the focus is then set to the Password text box and the incorrect entry highlighted. The cancel button exits the system

Customer Main

This is a MDI form with a menu.

Use Grid to View Customer Details

View Customer Details

Maintain Customer Records

Add Customer

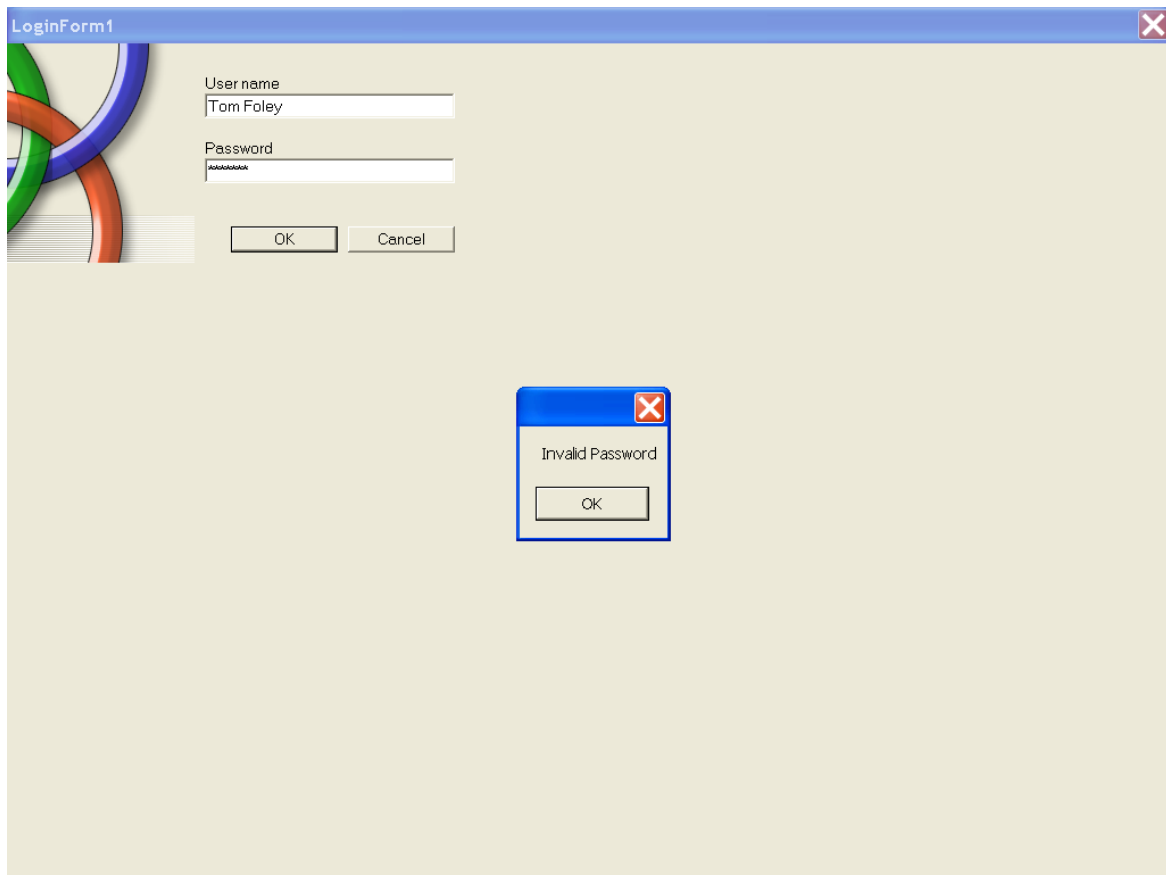
Allows details for new customer to be added to the customer table

Edit Customer Details

Customer Details can be modified.

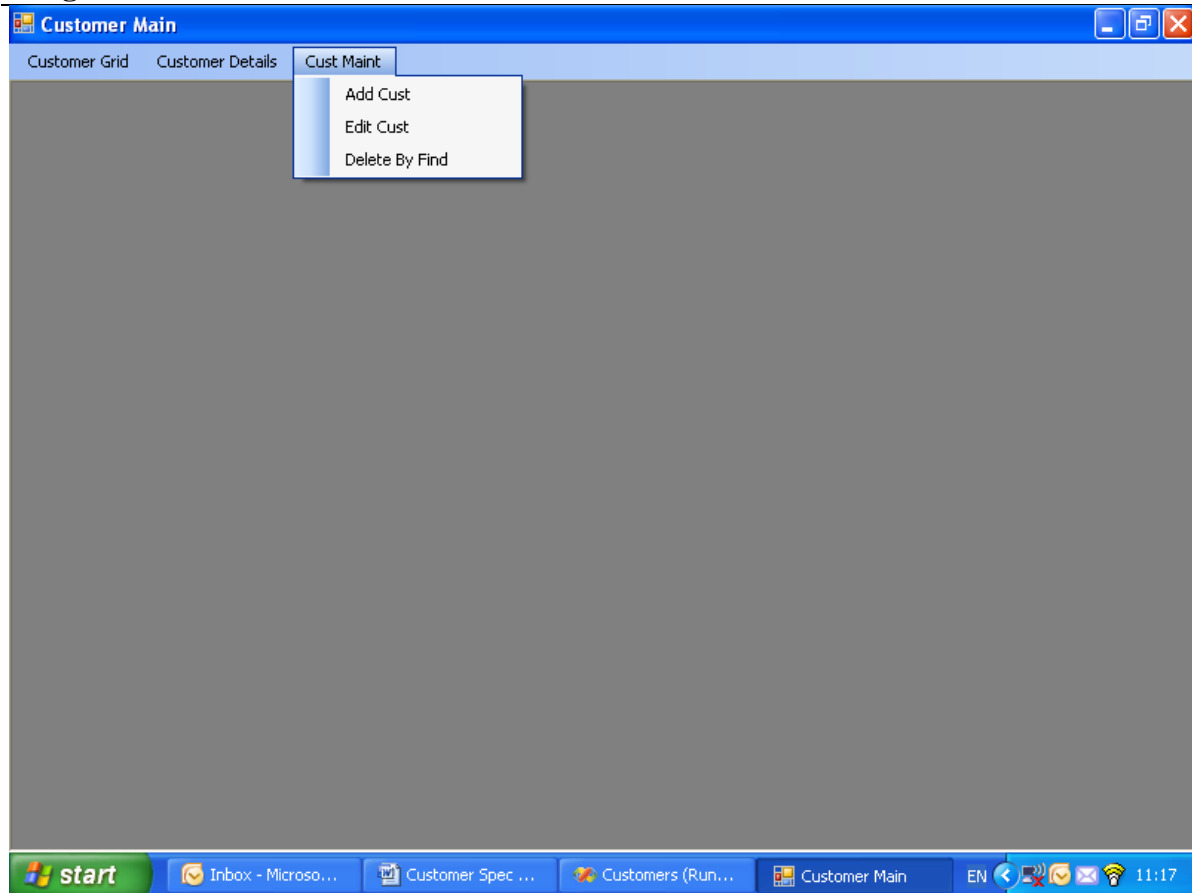
Delete Customer Details

Deletes row from Customer Table. A message box is used to confirm the request for delete (Note only Customers without orders can be deleted)



To Check Password on Login Screen

```
private void btnOK_Click(object sender, EventArgs e)
{
    if (txtPassword.Text == "Moylish")
    {
        MainMenu mainMenu = new MainMenu();
        mainMenu.Show();
        this.Hide();
    }
    else
    {
        MessageBox.Show("Invalid Password");
        txtPassword.Focus();
        txtPassword.SelectAll();
    }
}
```

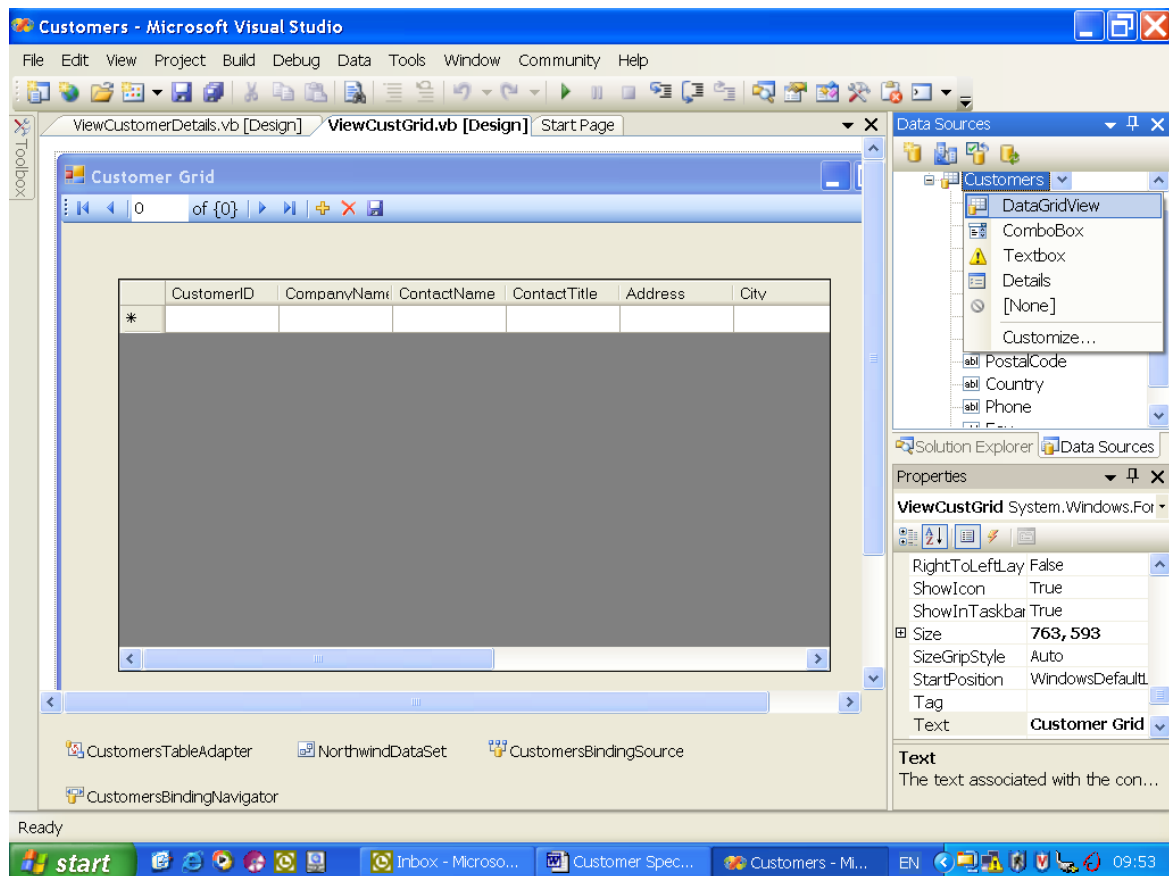


This is the main MDI form that is called by the login screen after a correct password has been entered.

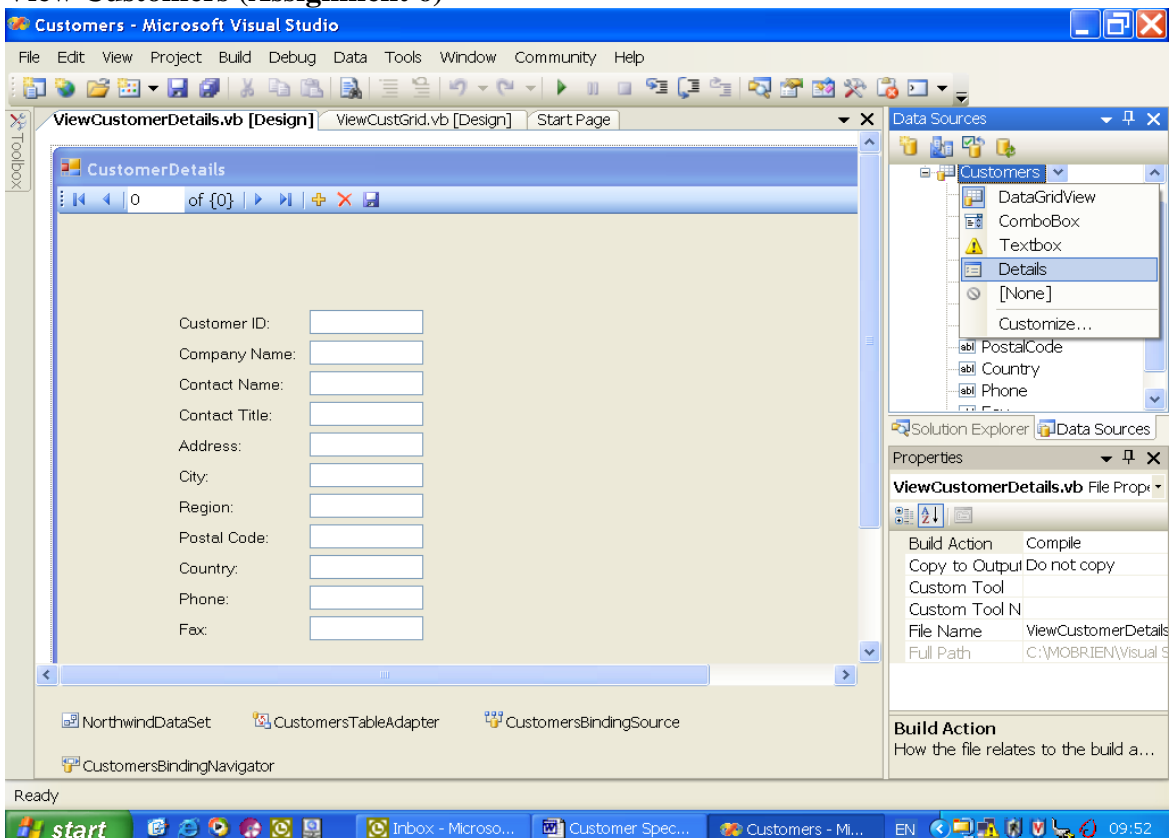
Before beginning the remaining screens, you should create a connection to the Northwind database that you set up at the beginning of this practical. Go ahead and do this based on the method shown in the accompanying lecture.

The rest of the required screens are shown in the remaining pages of this document.

View Customers Using Data Grid (Assignment 5)



View Customers (Assignment 6)



Add New Customer (Assignment 7)

The screenshot shows a Windows application titled "AddCustomer". The main window has a title bar with standard Windows controls. The content area is titled "Northwind Customers". It contains a "Customer Details" form with the following fields:

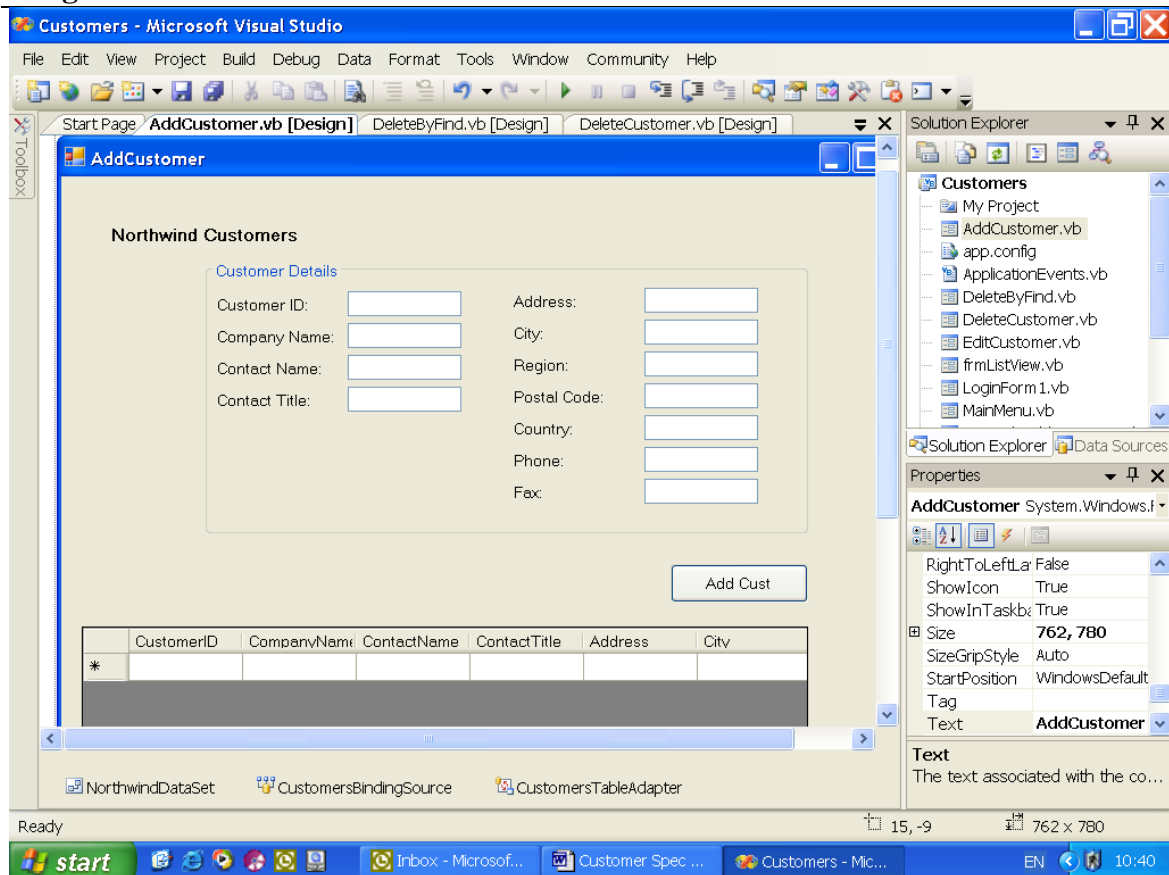
Customer ID:	JK234	Address:	24 Main Street
Company Name:	Jackson Tiles	City:	Limerick
Contact Name:	Pat Jackson	Region:	na
Contact Title:	Owner	Postal Code:	na
		Country:	Ireland
		Phone:	061333444
		Fax:	0-61333455

Below the form is an "Add Cust" button. At the bottom of the window is a "Return" button. A table of existing customers is displayed below the form:

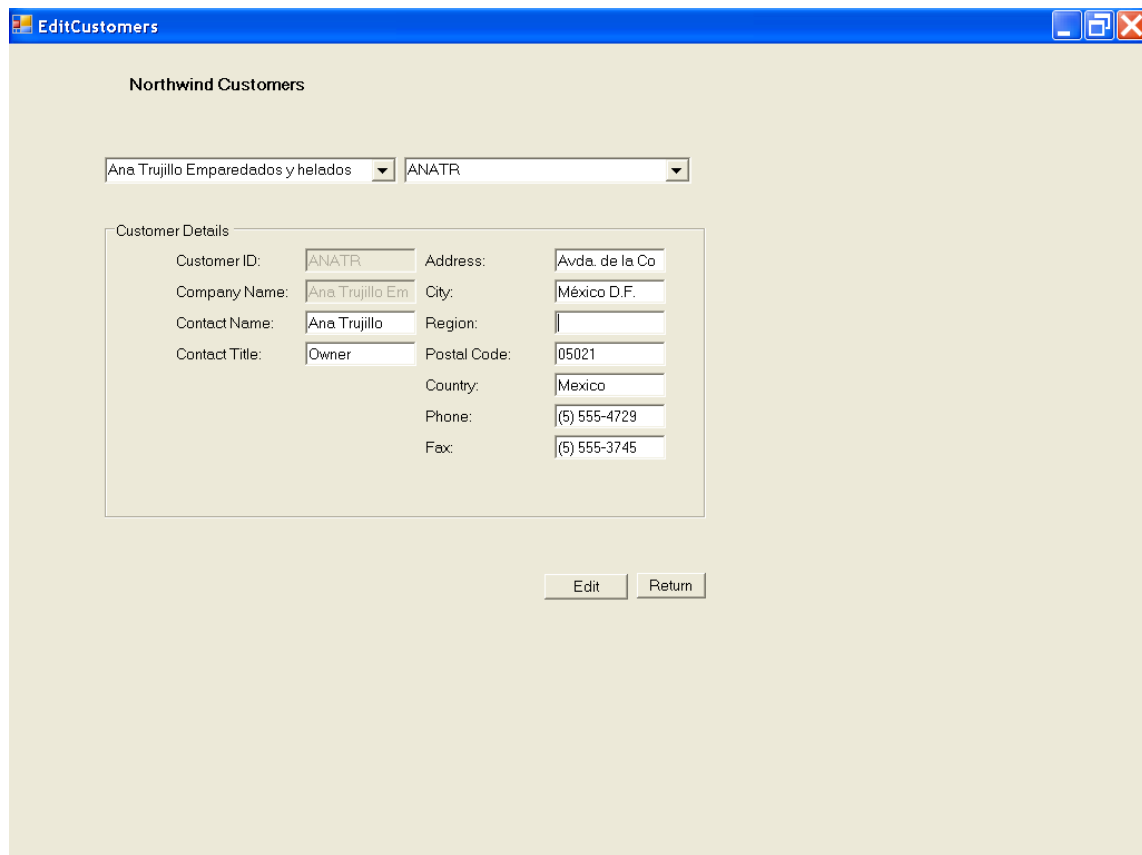
CustomerID	CompanyName	ContactName	ContactTitle	Address	City
WANDK	Die Wander...	Rita Müller	Sales Repre...	Adenauerall...	Stuttgart
WARTH	Wartian Her...	Pirkko Koski...	Accounting ...	Torikatu 38	Oulu
WELLI	Wellington I...	Paula Parente	Sales Mana...	Rua do Mer...	Resende
WHITC	White Clove...	Karl Jablonski	Owner	305 - 14th A...	Seattle
WILMK	Wilman Kala	Matti Karttu...	Owner/Mark...	Keskuskatu ...	Helsinki
WOLZA	Wolski Zaja...	Zbyszek Pie...	Owner	ul. Filtrowa 68	Warszawa
nmj56	nnnnn	gggg	ggggggggg	uuuuuu	8888888
JK234	Jackson Tiles	Pat Jackson	Owner	24 Main Str...	Limerick

A small dialog box titled "Update successful" with an "OK" button is visible on the right side of the main window.

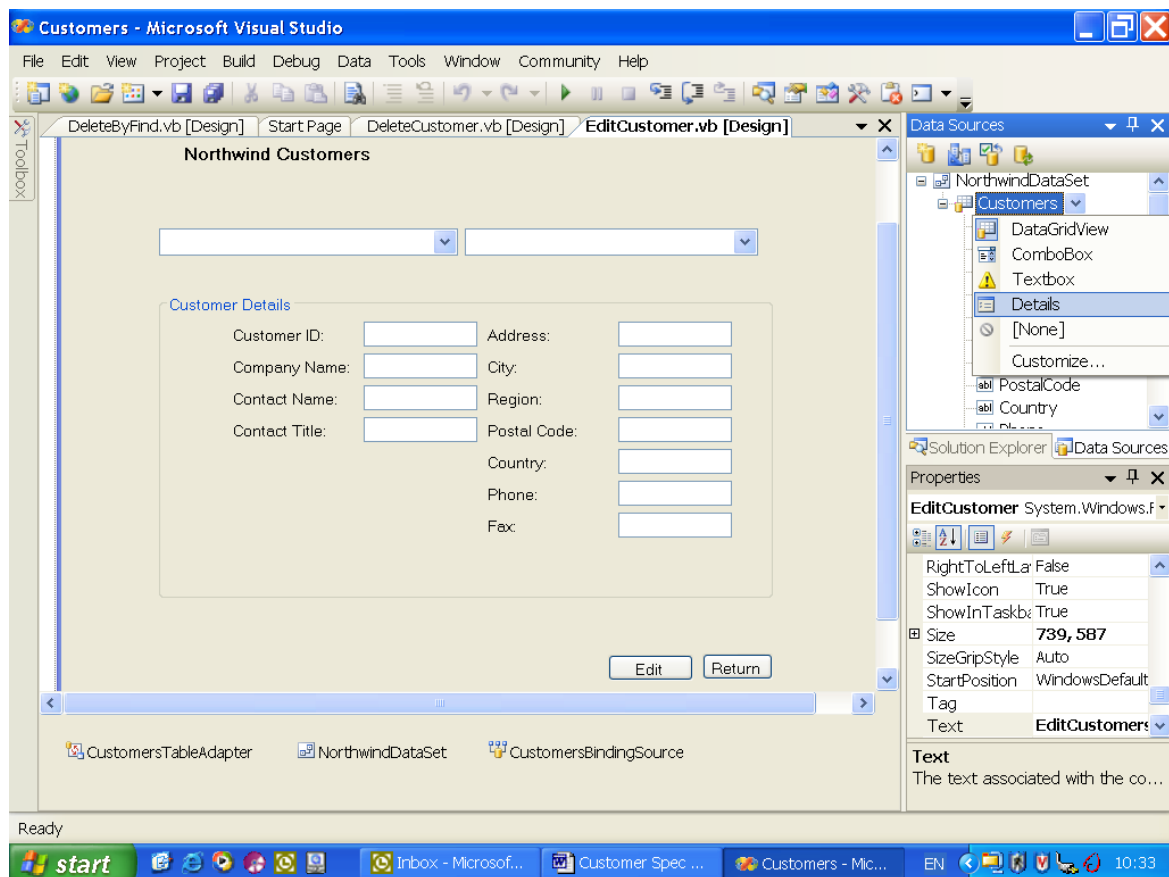
Add New Customer – Design Time



Edit Customer Details (Assignment 8)



Edit Customer Details – Design Time



Delete Customer Details (Assignment 9)

