

2021

PRG521 Summative

Contents

Question 1:.....	2
Screen shots:.....	3
Code:	6

Question 1:



Question 1

25 pts

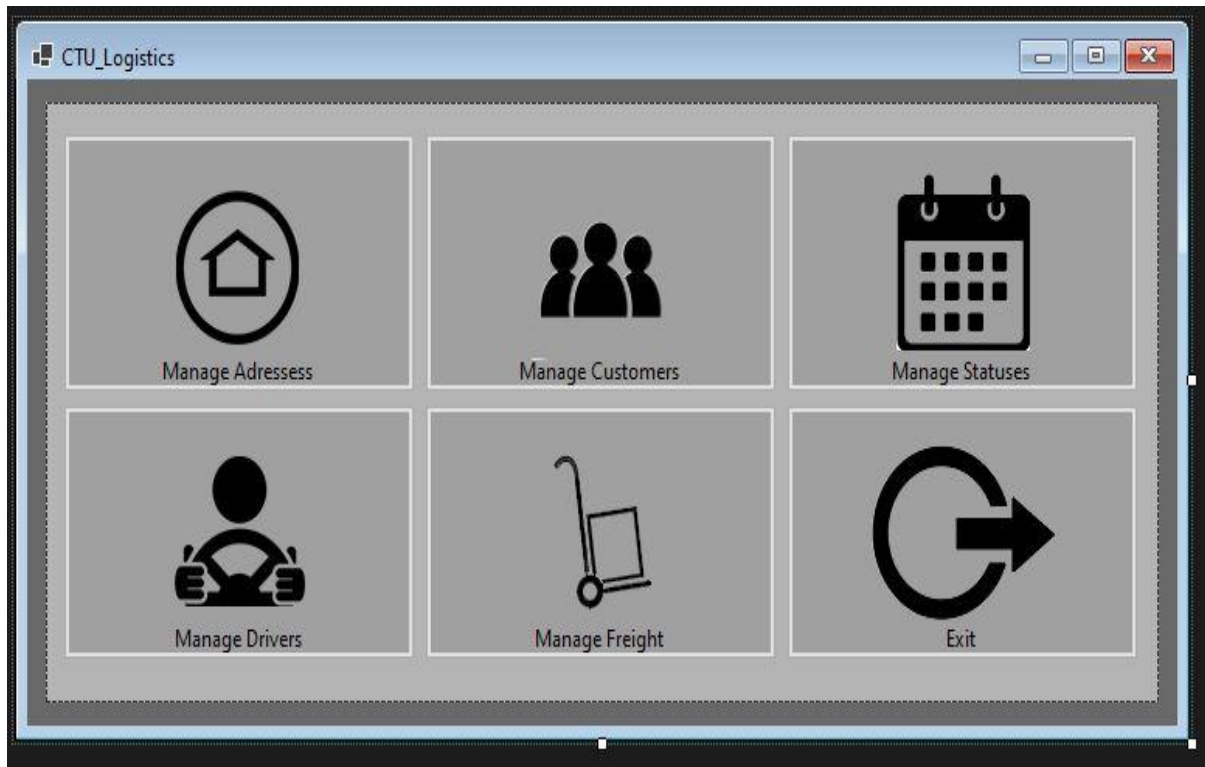
The below form will represent the main form from which the user will navigate to the other forms. Meaning each button should be linked to the appropriate form. E.g. If button Manage Addresses is clicked the form managed addresses should be displayed. The Exit button should successfully terminate the program.



Create a void method for each button and name them as follow: `LinkToAddresses()`, `LinkToCustomers()`, `LinkToDrivers()`, `LinkToStatus()`, and `LinkToFreight()`. The methods should be called under the appropriate button. For the exit button create a void method named `AppExit()` this should terminate the program.

Marks allocation: 3 Marks per Method (3x6=18) and 7 Marks for the interface design.

Screen shots:



```
FrmLogistics.cs  X FrmLogistics.cs [Design]
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1 //6955 Laikin Barnard
2
3 using System;
4 using System.Collections.Generic;
5 using System.ComponentModel;
6 using System.Data;
7 using System.Drawing;
8 using System.Linq;
9 using System.Text;
10 using System.Threading.Tasks;
11 using System.Windows.Forms;
12 using System.Data.SqlClient;
13
14
15
16 namespace PRG521Summitive6955
17 {
18     //6955 Laikin Barnard
19     4 references
20     public partial class FrmLogistics : Form
21     {
22         1 reference
23         public FrmLogistics()
24         {
25             InitializeComponent();
26         }
27
28         2 references
29         private void LinkToAddresses()
30         {
31             this.Hide();
32             FrmAddresses frmaddresses = new FrmAddresses();
33             frmaddresses.Show();
34         }
35
36         1 reference
37         public void LinkToCustomers()
38         {
39             this.Hide();
40             FrmCustomers FrmCustomers = new FrmCustomers();
41             FrmCustomers.Show();
42         }
43
44         1 reference
45         public void LinkToDrivers()
46         {
47             this.Hide();
48             FrmDriver FrmDriver = new FrmDriver();
49             FrmDriver.Show();
50         }
51
52         1 reference
53         public void LinkToFreight()
54         {
55             this.Hide();
56             FrmFreight FrmFreight = new FrmFreight();
57             FrmFreight.Show();
58         }
59     }
60 }
```

98 % No issues found

```
47         FrmFreight FrmFreight = new FrmFreight();
48         FrmFreight.Show();
49     }
50     1 reference
51     public void LinkToStatus()
52     {
53         this.Hide();
54         FrmStatus FrmStatus = new FrmStatus();
55         FrmStatus.Show();
56     }
57     0 references
58     public void AppExit()
59     {
60         Application.Exit();
61     }
62     0 references
63     public void btnAddresses_Click(object sender, EventArgs e)
64     {
65         LinkToAddresses();
66     }
67     1 reference
68     public void FrmLogistics_Load(object sender, EventArgs e)
69     {
70         btnAddresses.Focus();
71     }
72     1 reference
73     private void btnAddresses_Click_1(object sender, EventArgs e)
74     {
75         LinkToAddresses();
76     }
77     1 reference
78     private void btnCustomers_Click(object sender, EventArgs e)
79     {
80         LinkToCustomers();
81     }
82     1 reference
83     private void btnFreight_Click(object sender, EventArgs e)
84     {
85         LinkToFreight();
86     }
87     1 reference
88     private void btnDriver_Click(object sender, EventArgs e)
89     {
90         LinkToDrivers();
91     }
92     1 reference
93     private void btnStatus_Click(object sender, EventArgs e)
94     {
95         LinkToStatus();
96     }
97 }
98
99 //6955 Laikin Barnard
100
```

Code:

//6955 Laikin Barnard

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace PRG521Summitive6955
{
    //6955 Laikin Barnard
    public partial class FrmLogistics : Form
    {
        public FrmLogistics()
        {
            InitializeComponent();
        }

        private void LinkToAddresses()
        {
            this.Hide();
            FrmAdresses frmadresses = new FrmAdresses();
            frmadresses.Show();
        }
        public void LinkToCustomers()
        {
            this.Hide();
            FrmCustomers FrmCustomers = new FrmCustomers();
            FrmCustomers.Show();
        }
        public void LinkToDrivers()
        {
            this.Hide();
            FrmDriver FrmDriver = new FrmDriver();
            FrmDriver.Show();
        }
        public void LinkToFreight()
        {
            this.Hide();
            FrmFreight FrmFreight = new FrmFreight();
            FrmFreight.Show();
        }
        public void LinkToStatus()
        {
            this.Hide();
            FrmStatus FrmStatus = new FrmStatus();
            FrmStatus.Show();
        }
        public void AppExit()
        {
            Application.Exit();
        }
        public void btnAdresses_Click(object sender, EventArgs e)
        {

```

```
        LinkToAddresses();
    }
    public void FrmLogistics_Load(object sender, EventArgs e)
    {
        btnAddresses.Focus();
    }
    private void btnAddresses_Click_1(object sender, EventArgs e)
    {
        LinkToAddresses();
    }
    private void btnCustomers_Click(object sender, EventArgs e)
    {
        LinkToCustomers();
    }
    private void btnFreight_Click(object sender, EventArgs e)
    {
        LinkToFreight();
    }
    private void btnDriver_Click(object sender, EventArgs e)
    {
        LinkToDrivers();
    }
    private void btnStatus_Click(object sender, EventArgs e)
    {
        LinkToStatus();
    }
}
//6955 Laikin Barnard
```