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Withdrawal interface

Using  System;

Using  System.Collections.Generic;

Using  System.ComponentModel;

Using  System.Data;

Using  System.Drawing;

Using  System.Linq;

Using System.Text;

Using System.Windows.Forms;

Using  System.Threading;

Namespace ATM1

{

    Public partial class Case Form : Form

    {

        public CashFormstring  cardID ( )

        {

            InitializeComponent();

            this.cardID = cardID;

        }

Private void  pbBack\_Click(object  sender, EventArgs  e)

        {

this.Dispose();

EndForm

 endForm = new EndForm();

            endForm.ShowDialog();

        }

Private void CashForm\_Load(object sender,  EventArgs  e)

        {

            userService = UsersService.getService();

        }

//Take 100 yuan

Private void pbOne\_Click(object sender, EventArgs e)

        {

this.all\_Get(userService.changeBalance(this.cardID,-100));

     }

//Take 200 yuan

Private void pbTwo\_Click(object sender, EventArgs e)

        {

this.all\_Get(userService.changeBalance(this.cardID, -200));

        }

 //Take 300 yuan

Private void  pbThree\_Click(object  sender, EventArgs e)

        {

            this.all\_Get(userService.changeBalance(this.cardID, -300));

        }

//Take 400 yuan

Private void pbFour\_Click(object sender, EventArgs  e)

        {

        this.all\_Get(userService.changeBalance(this.cardID, -400));

        }

  //Take 500 yuan

Private void pbFive\_Click(object sender, EventArgs e)

        {

            this.all\_Get(userService.changeBalance(this.cardID, -500));

        }

//Take 600 yuan

Private void pictureBox1\_Click(object sender, EventArgs e)

        {

this.all\_Get(userService.changeBalance(

this.cardID, -600));

        }

 //Enter the amount in the box

Private void pbEnsure\_Click(object sender, EventArgs e)

        {

        Int  money=0;

try

            {

if

 (this.tbIputBalance.Text.Trim().Length != 0)

                {money = Int32.Parse(this.tbIputBalance.Text);}

else

                {infoForm = new InfoForm(this.cardID, "The amount can not be empty!");    }

               if

 (userService.changeBalance(this.cardID, ((-1) \* money)))

                {       infoForm = new InfoForm(this.cardID, "Withdrawals successful.");    }

else

                {   infoForm = new InfoForm(this.cardID, "Withdrawal failure, the card amount is insufficient!");    }

            }

      catch (Exception ex)             {

                Console.WriteLine(ex.StackTrace);

                infoForm = new InfoForm(this.cardID, "Please enter the correct amount!");             }

            finally             {

                this.Dispose();

                infoForm.ShowDialog();             }         }

    /// <summary>

        /// Select jump and display of information      /// </summary>

        /// <param name="is Sucessed">Whether the withdrawal is successful</param>         private void all\_Get(bool is Sucessed)         {

            if (isSucessed)

            {            //If successful

 infoForm = new InfoForm(this.cardID, "Withdrawals successful.");             }

   else

            {      //If it fails

 infoForm = new InfoForm(this.cardID, "Withdrawals failed, the card amount is not enough.");             }

            this.Dispose();

            infoForm.ShowDialog();           }

        private void pbReturn\_Click(object sender, EventArgs e)         {

            this.Dispose();

            father = new MainForm(this.cardID);             father.ShowDialog()

                     }

        private InfoForm infoForm;         private string cardID;

        private UsersService userService;         private MainForm father;

}

 }

Query interface

using System;

using System.Collections.Generic; using System.ComponentModel; using System.Data; using System.Drawing; using System.Linq; using System.Text;

using System.Windows.Forms;

namespace ATM1 {

    public partial class QueryForm : Form     {

        public QueryForm(string cardID)

{

            InitializeComponent();             this.cardID = cardID;         }

        private void QueryForm\_Load(object sender, EventArgs e)         {

            userService = UsersService.getService();

            lAcountBalance\_zh.Text =""+userService.getCardBalance(this.cardID);             lAcountBalance\_en.Text = "" + userService.getCardBalance(this.cardID);             lAvaBalance\_zh.Text = "" + userService.getCardBalance(this.cardID);             lAvaBalance\_en.Text = "" + userService.getCardBalance(this.cardID);         }

        private void pictureBox3\_Click(object sender, EventArgs e)         {

            this.Dispose();

            EndForm endForm = new EndForm();             endForm.ShowDialog();         }

        //Back button

        private void pbBack\_Click(object sender, EventArgs e)

{

            this.Dispose();

            father = new MainForm(this.cardID);             father.ShowDialog();         }

        //Take button

 private void pbCash\_Click(object sender, EventArgs e)         {

            this.Dispose();

            CashForm cashForm = new CashForm(this.cardID);             cashForm.ShowDialog();         }

        private UsersService userService;         private string cardID;         private MainForm father;         public string CardID         {

            get { return cardID; }             set { cardID = value; }         }     } }

Transfer interface

using System;

using System.Collections.Generic; using System.ComponentModel; using System.Data; using System.Drawing; using System.Linq; using System.Text;

using System.Windows.Forms;

namespace ATM1 {

    public partial class TransferForm : Form     {

        public TransferForm(string cardID)         {

            InitializeComponent();             this.cardID = cardID;

 }

        private void TransferForm\_Load(object sender, EventArgs e)

  {

  userService = UsersService.getService();

 }

        //Cancel button event

        private void pbBack\_Click(object sender, EventArgs e)         {

            this.Dispose();

            father = new MainForm(this.cardID);             father.ShowDialog();         }

        //determine button event

  private void pbEnsure\_Click(object sender, EventArgs e)         {

            int money = 0;             try             {

                if (tbTransferBalance.Text.Trim().Length != 0)

                {    money = Int32.Parse(tbTransferBalance.Text);  }

         else

   {infoForm = new InfoForm(this.cardID, "Sorry, the amount is not enough");  }                 string otherID = tbToCardID.Text.Trim();

                string otherID\_re = tbToCardID\_re.Text.Trim();

                if (otherID.Length != 10 || otherID\_re.Length != 10)

                {infoForm = new InfoForm(this.cardID, "Please enter the correct card number!");}                 else if (!otherID.Equals(otherID\_re))

                { infoForm = new InfoForm(this.cardID, "Sorry, the card number you entered does not match");                 }                 else

                {  userService.transferBalance(this.cardID, otherID, money); infoForm = new InfoForm(this.cardID, "Transfer successful.");   }             }

            catch (Exception ex)

    {    Console.WriteLine(ex.StackTrace);

                infoForm = new InfoForm(this.cardID, "Sorry, the amount you entered is incorrect!");  }             finally

            {     this.Dispose();        infoForm.ShowDialog();       }             }

        private UsersService userService;         private string cardID;         private MainForm father;         private InfoForm infoForm;         public string CardID

        {  get { return cardID; }             set { cardID = value; }}}

}