﻿using System;

using System.Security.Policy;

using System.Globalization;

using System.Diagnostics;

class CAS

{

public void Uniform()

{

while (true)

{

Console.WriteLine("\n\nWelcome to CICTE Uniform!");

Console.Write("Enter Limit Order: ");

int size;

bool validSize = int.TryParse(Console.ReadLine(), out size);

if (!validSize)

{

Console.WriteLine("Invalid Input number only! ");

CAS bla = new CAS();

bla.Uniform();

}

OrderList cas = new OrderList(size);

Console.WriteLine("\nCAS Uniform List");

string[] CASSuniform = { "1.) SUNN Uniform", "2.) Department T-shirt", "3.) Sports Jersey" };

for (int i = 0; i < CASSuniform.Length; i++)

{

Console.WriteLine(CASSuniform[i]);

}

Console.Write("Enter your choice! ");

int item;

bool validInput = int.TryParse(Console.ReadLine(), out item);

if (!validInput || item < 1 || item > 3)

{

Console.WriteLine("\nInvalid Input! Please select (1-5) only! ");

}

switch (item)

{

case 1:

cas.pushUniform("CAS: " + "SUNN Uniform\n");

string[] SUNNuniform = { "1.) Small", "2.) Medium", "3.) Large" };

foreach (string items in SUNNuniform)

{

Console.WriteLine(items);

}

Console.Write("Enter your size: ");

int Uniform\_Size;

bool vInput = int.TryParse(Console.ReadLine(), out Uniform\_Size);

if (!vInput || Uniform\_Size < 1 || Uniform\_Size > 3)

{

Console.WriteLine($"Invalid Input ({Uniform\_Size}), Please input (1-3)! ");

}

switch (Uniform\_Size)

{

case 1:

cas.pushSizes("Small\n");

break;

case 2:

cas.pushSizes("Medium\n");

break;

case 3:

cas.pushSizes("Large\n");

break;

}

Console.Write("Enter the quantity of your order: ");

int quantity = int.Parse(Console.ReadLine());

cas.pushQuantity(quantity);

Console.Write("Type 'order' to order and 'display' to display your order and 'back': ");

string decision = Console.ReadLine();

switch (decision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cas.DisplayQuantity();

Console.Write("\nType back to exit: ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\nback");

return;

}

else

{

Console.WriteLine("Invalid Input!");

}

break;

case "order":

Console.WriteLine("List of you order!");

Console.Write("\nUniform Price:30,000 ");

cas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cas.DisplayQuantity();

Console.Write("\nType yes to proceed payment or back to exit: ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("Available payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("\nInvalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("Gcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("Type your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("Proceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"\nThank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("\nExit");

return;

}

break;

case 2: Console.WriteLine("Exit"); return;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

case 2:

cas.pushUniform("CAS: " + "Department T-shirt\n");

Console.WriteLine("CFAS Department T-Shirt Sizes");

string[] DpartmentSize = { "1.) Small", "2.) Medium", "3.) Large" };

for (int i = 0; i < DpartmentSize.Length; i++)

{

Console.WriteLine(DpartmentSize[i]);

}

Console.Write("Enter your size: ");

int Department\_Size;

bool DvInput = int.TryParse(Console.ReadLine(), out Department\_Size);

if (!DvInput || Department\_Size < 1 || Department\_Size > 3)

{

Console.WriteLine($"\nInvalid Input ({Department\_Size}), Please input (1-3)! ");

}

switch (Department\_Size)

{

case 1:

cas.pushSizes("Small\n");

break;

case 2:

cas.pushSizes("Medium\n");

break;

case 3:

cas.pushSizes("Large\n");

break;

}

Console.Write("Enter the quantity of your order: ");

int Dquantity = int.Parse(Console.ReadLine());

cas.pushQuantity(Dquantity);

Console.Write("\nType 'order' to order and 'display' to display your order and 'back': ");

string Ddecision = Console.ReadLine();

switch (Ddecision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cas.DisplayQuantity();

Console.Write("\nType back: ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\nback");

return;

}

else

{

Console.WriteLine("Invalid Input!");

}

break;

case "order":

Console.WriteLine("List of you order!");

Console.Write("\nUniform Price:30,000 ");

cas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cas.DisplayQuantity();

Console.Write("\nType yes to proceed payment or no to exit: ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("Available payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("\nInvalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("\nGcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("Type your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("Proceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"\nThank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("\nExit");

return;

}

break;

case 2: Console.WriteLine("\nExit"); return;

}

break;

case "no": Console.WriteLine("\nExit"); return;

}

break;

}

break;

case 3:

cas.pushUniform("CAS: " + "Sport Jersey\n");

Console.WriteLine("\nCAS Sport Jersey Sizes:");

string[] SportJersey = { "1.) Small", "2.) Medium", "3.) Large" };

for (int i = 0; i < SportJersey.Length; i++)

{

Console.WriteLine(SportJersey[i]);

}

Console.Write("Enter your size: ");

int Jersey\_Size;

bool SvInput = int.TryParse(Console.ReadLine(), out Jersey\_Size);

if (!SvInput || Jersey\_Size < 1 || Jersey\_Size > 3)

{

Console.WriteLine($"\nInvalid Input ({Jersey\_Size}), Please input (1-3)! ");

}

switch (Jersey\_Size)

{

case 1:

cas.pushSizes("Small\n");

break;

case 2:

cas.pushSizes("Medium\n");

break;

case 3:

cas.pushSizes("Large\n");

break;

}

Console.Write("Enter the quantity of your order: ");

int Squantity = int.Parse(Console.ReadLine());

cas.pushQuantity(Squantity);

Console.Write("Type 'order' to order and 'display' to display your ordera and 'back': ");

string Sdecision = Console.ReadLine();

switch (Sdecision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cas.DisplayQuantity();

Console.WriteLine("\nType 'back': ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\back");

return;

}

else

{

Console.WriteLine("\nInvalid Input");

}

break;

case "order":

Console.WriteLine("List of you order!");

Console.Write("\nUniform Price:30,000 ");

cas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cas.DisplayQuantity();

Console.Write("\nType yes to proceed payment or no to exit: ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("Available payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("\nInvalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("Gcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("Type your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("Proceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"Thank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("Exit");

return;

}

break;

case 2: Console.WriteLine("\nExit"); return;

}

break;

case "no": Console.WriteLine("\nExit"); break;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

}

}

}

}

class CFAS

{

public void Uniform()

{

while (true)

{

Console.WriteLine("\n\nWelcome to CFAS Uniform!");

Console.Write("Enter Limit Order: ");

int size;

bool validSize = int.TryParse(Console.ReadLine(), out size);

if (!validSize)

{

Console.WriteLine("\nInvalid Input number only! ");

CFAS bla = new CFAS();

bla.Uniform();

}

OrderList cfas = new OrderList(size);

string[] CFASuniform = { "\n1.) SUNN Uniform", "2.) Department T-shirt", "3.) Sports Jersey" };

Console.WriteLine("\nCFAS Uniform List");

for (int i = 0; i < CFASuniform.Length; i++)

{

Console.WriteLine(CFASuniform[i]);

}

Console.Write("Enter your choice! ");

int item;

bool validInput = int.TryParse(Console.ReadLine(), out item);

if (!validInput || item < 1 || item > 5)

{

Console.WriteLine("\nInvalid Input! Please select (1-5) only! ");

}

switch (item)

{

case 1:

cfas.pushUniform("CFAS " + "SUNN Uniform\n");

Console.WriteLine("\nCFAS Uniform Sizes List");

string[] SUNNuniform = { "1.) Small", "2.) Medium", "3.) Large" };

foreach (string items in SUNNuniform)

{

Console.WriteLine(items);

}

Console.Write("Enter your size: ");

int Uniform\_Size;

bool vInput = int.TryParse(Console.ReadLine(), out Uniform\_Size);

if (!vInput || Uniform\_Size < 1 || Uniform\_Size > 3)

{

Console.WriteLine($"\nInvalid Input ({Uniform\_Size}), Please input (1-3)! ");

}

switch (Uniform\_Size)

{

case 1:

cfas.pushSizes("Small\n");

break;

case 2:

cfas.pushSizes("Medium\n");

break;

case 3:

cfas.pushSizes("Large\n");

break;

}

Console.Write("Enter the quantity of your order: ");

int quantity = int.Parse(Console.ReadLine());

cfas.pushQuantity(quantity);

Console.Write("\nType 'order' to order and 'display' to display your order and 'back': ");

string decision = Console.ReadLine();

switch (decision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cfas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cfas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cfas.DisplayQuantity();

Console.Write("Tye back: ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\nback");

return;

}

else

{

Console.WriteLine("\nInvalid Input!");

}

break;

case "order":

Console.WriteLine("List of you order!");

Console.Write("\nUniform Price:30,000 ");

cfas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cfas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cfas.DisplayQuantity();

Console.Write("\nType yes to proceed payment or no to exit: ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("Available payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("\nInvalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("Gcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("Type your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("Proceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"Thank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("Exit");

return;

}

break;

case 2: Console.WriteLine("\nExit"); return;

}

break;

case "no": Console.WriteLine("\nExit"); return;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

case 2:

cfas.pushUniform("CFAS: " + "Department T-shirt\n");

Console.WriteLine("\nCFAS Department T-Shirt Sizes List");

string[] DpartmentSize = { "1.) Small", "2.) Medium", "3.) Large" };

for (int i = 0; i < DpartmentSize.Length; i++)

{

Console.WriteLine(DpartmentSize[i]);

}

Console.Write("Enter your size: ");

int Department\_Size;

bool DvInput = int.TryParse(Console.ReadLine(), out Department\_Size);

if (!DvInput || Department\_Size < 1 || Department\_Size > 3)

{

Console.WriteLine($"\nInvalid Input ({Department\_Size}), Please input (1-3)! ");

}

switch (Department\_Size)

{

case 1:

cfas.pushSizes("Small\n");

break;

case 2:

cfas.pushSizes("Medium\n");

break;

case 3:

cfas.pushSizes("Large\n");

break;

}

Console.Write("Enter the quantity of your order: ");

int Dquantity = int.Parse(Console.ReadLine());

cfas.pushQuantity(Dquantity);

Console.WriteLine("Type 'order' to order and 'display' to display your order and back: ");

string Ddecision = Console.ReadLine();

switch (Ddecision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cfas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cfas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cfas.DisplayQuantity();

Console.WriteLine("Type back: ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\back");

return;

}

else

{

Console.WriteLine("\nInvalid Input");

}

break;

case "order":

Console.WriteLine("List of you order!");

Console.Write("\nUniform Price:30,000 ");

cfas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cfas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cfas.DisplayQuantity();

Console.Write("\nType yes to proceed payment or no to exit: ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("Available payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("Invalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("Gcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("Type your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("Proceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"Thank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("Exit");

return;

}

break;

case 2: Console.WriteLine("\nExit"); return;

}

break;

case "no": Console.WriteLine("\nExit"); return;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

case 3:

cfas.pushUniform("CFAS: " + "Sport Jersey\n");

Console.WriteLine("\nCFAS Sport Jersey Sizes");

string[] SportJersey = { "1.) Small", "2.) Medium", "3.) Large" };

for (int i = 0; i < SportJersey.Length; i++)

{

Console.WriteLine(SportJersey[i]);

}

Console.Write("Enter your size: ");

int Jersey\_Size;

bool SvInput = int.TryParse(Console.ReadLine(), out Jersey\_Size);

if (!SvInput || Jersey\_Size < 1 || Jersey\_Size > 3)

{

Console.WriteLine($"\nInvalid Input ({Jersey\_Size}), Please input (1-3)! ");

}

switch (Jersey\_Size)

{

case 1:

cfas.pushSizes("Small\n");

break;

case 2:

cfas.pushSizes("Medium\n");

break;

case 3:

cfas.pushSizes("Large\n");

break;

}

Console.Write("Enter the quantity of your order: ");

int Squantity = int.Parse(Console.ReadLine());

cfas.pushQuantity(Squantity);

Console.Write("Type 'order' to order and 'display' to display your order and back: ");

string Sdecision = Console.ReadLine();

switch (Sdecision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cfas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cfas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cfas.DisplayQuantity();

Console.Write("Type back: ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\nback");

return;

}

else

{

Console.WriteLine("Invalid Input!");

}

break;

case "order":

Console.WriteLine("List of you order!");

Console.Write("\nUniform Price:30,000 ");

cfas.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cfas.DisplayUniformSize();

Console.Write("\nQuantity: ");

cfas.DisplayQuantity();

Console.Write("\nType yes to proceed payment or no to exit: ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("Available payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("Invalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("Gcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("Type your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("Proceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"Thank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("Exit");

return;

}

break;

case 2: Console.WriteLine("\nExit"); return;

}

break;

case "no": Console.WriteLine("\nback"); return;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

}

}

}

}

class CICTE

{

public void cicte()

{

while (true)

{

Console.WriteLine("\n\nWelcome to CICTE Uniform!");

Console.Write("Enter Limit Order: ");

int size;

bool validSize = int.TryParse(Console.ReadLine(), out size);

if (!validSize)

{

Console.WriteLine("\nInvalid Input number only!");

CICTE bla = new CICTE();

bla.cicte();

}

OrderList cicte = new OrderList(size);

string[] CICTESuniform = { "1.) SUNN Uniform", "2.) Department T-shirt", "3.) Sports Jersey" };

Console.WriteLine("\nCICTE Uniform List");

for (int i = 0; i < CICTESuniform.Length; i++)

{

Console.WriteLine(CICTESuniform[i]);

}

Console.Write("Enter your choice! ");

int item;

bool validInput = int.TryParse(Console.ReadLine(), out item);

if (!validInput || item < 1 || item > 3)

{

Console.WriteLine("\nInvalid Input! Please select (1-5) only! ");

}

switch (item)

{

case 1:

cicte.pushUniform("CICTE: " + "SUNN Uniform\n");

Console.WriteLine("\nCICTE Uniform Sizes");

string[] SUNNuniform = { "1.) Small", "2.) Medium", "3.) Large" };

Console.WriteLine("\nSize List");

foreach (string items in SUNNuniform)

{

Console.WriteLine(items);

}

Console.Write("Enter your size: ");

int Uniform\_Size;

bool vInput = int.TryParse(Console.ReadLine(), out Uniform\_Size);

if (!vInput || Uniform\_Size < 1 || Uniform\_Size > 3)

{

Console.WriteLine($"\nInvalid Input ({Uniform\_Size}), Please input (1-3)! ");

return;

}

switch (Uniform\_Size)

{

case 1:

cicte.pushSizes("Small\n");

break;

case 2:

cicte.pushSizes("Medium\n");

break;

case 3:

cicte.pushSizes("Large\n");

break;

}

Console.Write("\nEnter the quantity of your order: ");

int quantity = int.Parse(Console.ReadLine());

cicte.pushQuantity(quantity);

Console.Write("\nType 'order' to order and 'display' to display your order and type 'back': ");

string decision = Console.ReadLine();

switch (decision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cicte.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cicte.DisplayUniformSize();

Console.Write("\nQuantity: ");

cicte.DisplayQuantity();

Console.Write("\nType 'back' to back: ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\nback");

return;

}

else

{

Console.WriteLine("\nInvalid Input!");

}

break;

case "order":

Console.WriteLine("\nList of you order!");

Console.Write("\nUniform Price:30,000 ");

cicte.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cicte.DisplayUniformSize();

Console.Write("\nQuantity: ");

cicte.DisplayQuantity();

Console.Write("\nType 'yes' to proceed payment or 'back': ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("\nAvailable payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("\nInvalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("Gcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("\nType your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("\nProceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"\nThank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("\nExit");

return;

}

break;

case 2: Console.WriteLine("\nExit"); return;

}

break;

case "back": Console.WriteLine("\nBack"); return;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

case 2:

cicte.pushUniform("CICTE: " + "Department T-shirt\n");

Console.WriteLine("\nCICTE Department T-Shirt Sizes");

string[] DpartmentSize = { "1.) Small", "2.) Medium", "3.) Large" };

for (int i = 0; i < DpartmentSize.Length; i++)

{

Console.WriteLine(DpartmentSize[i]);

}

Console.Write("Enter your size: ");

int Department\_Size;

bool DvInput = int.TryParse(Console.ReadLine(), out Department\_Size);

if (!DvInput || Department\_Size < 1 || Department\_Size > 3)

{

Console.WriteLine($"\nInvalid Input ({Department\_Size}), Please input (1-3)! ");

}

switch (Department\_Size)

{

case 1:

cicte.pushSizes("Small\n");

break;

case 2:

cicte.pushSizes("Medium\n");

break;

case 3:

cicte.pushSizes("Large\n");

break;

}

Console.Write("Enter the quantity of your order: ");

int Dquantity = int.Parse(Console.ReadLine());

cicte.pushQuantity(Dquantity);

Console.Write("Type 'order' to order and 'display' to display your order and 'back': ");

string Ddecision = Console.ReadLine();

switch (Ddecision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cicte.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cicte.DisplayUniformSize();

Console.Write("\nQuantity: ");

cicte.DisplayQuantity();

Console.Write("\ntype 'back': ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\nBack");

return;

}

else

{

Console.WriteLine("\nInvalid Input");

}

break;

case "order":

Console.WriteLine("List of you order!");

Console.Write("\nUniform Price:30,000 ");

cicte.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cicte.DisplayUniformSize();

Console.Write("\nQuantity: ");

cicte.DisplayQuantity();

Console.Write("\nType yes to proceed payment or back: ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("Available payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("Invalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("Gcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("Type your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("Proceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"Thank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("Exit");

return;

}

break;

case 2: Console.WriteLine("\nExit"); return;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

case "back": Console.WriteLine("\nback"); return;

}

break;

case 3:

cicte.pushUniform("CICTE: " + "Sport Jersey\n");

Console.WriteLine("\nCICTE Sport Jersey Sizes");

string[] SportJersey = { "1.) Small", "2.) Medium", "3.) Large" };

for (int i = 0; i < SportJersey.Length; i++)

{

Console.WriteLine(SportJersey[i]);

}

Console.Write("Enter your size: ");

int Jersey\_Size;

bool SvInput = int.TryParse(Console.ReadLine(), out Jersey\_Size);

if (!SvInput || Jersey\_Size < 1 || Jersey\_Size > 3)

{

Console.WriteLine($"\nInvalid Input ({Jersey\_Size}), Please input (1-3)! ");

}

switch (Jersey\_Size)

{

case 1:

cicte.pushSizes("Small\n");

break;

case 2:

cicte.pushSizes("Medium\n");

break;

case 3:

cicte.pushSizes("Large\n");

break;

}

Console.Write("Enter the quantity of your order: ");

int Squantity = int.Parse(Console.ReadLine());

cicte.pushQuantity(Squantity);

Console.Write("Type 'order' to order and 'display' to display your order and 'back': ");

string Sdecision = Console.ReadLine();

switch (Sdecision)

{

case "display":

Console.Write("\nUniform Price: 30,000, ");

cicte.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cicte.DisplayUniformSize();

Console.Write("\nQuantity: ");

cicte.DisplayQuantity();

Console.Write("\nType 'back': ");

string back = Console.ReadLine();

if (back == "back")

{

Console.WriteLine("\nback");

return;

}

else

{

Console.WriteLine("\nback");

}

break;

case "order":

Console.WriteLine("List of you order!");

Console.Write("\nUniform Price:30,000 ");

cicte.DisplayUniform();

Console.Write("\nUniform Sizes: ");

cicte.DisplayUniformSize();

Console.Write("\nQuantity: ");

cicte.DisplayQuantity();

Console.Write("\nType yes to proceed payment or no to exit: ");

string order = Console.ReadLine();

switch (order)

{

case "yes":

Console.WriteLine("Available payment method: ");

Console.WriteLine("1.) Gcash");

Console.WriteLine("2.) Exit");

Console.Write("Enter your payment method: ");

int payment;

bool paymentValid = int.TryParse(Console.ReadLine(), out payment);

if (!paymentValid || payment < 1 || payment > 2)

{

Console.WriteLine("Invalid Input or not available payment method!");

}

switch (payment)

{

case 1:

Console.WriteLine("Gcash");

Console.WriteLine("Payment: 30,000");

Console.WriteLine("Delivery: 500");

Console.WriteLine($"Total Payment: 30,500");

Console.Write("Type your location: ");

string location = Console.ReadLine();

Console.Write("Type your Gcash number: (11)");

long Gcash = long.Parse(Console.ReadLine());

Console.Write("Proceed to oder Y/n: ");

string proceed = Console.ReadLine();

switch (proceed)

{

case "Y":

Console.WriteLine($"Thank you! Your order will be deliver on Date: June 6,2070\n Your Location: {location} Number Gcash: {Gcash}");

break;

case "n":

Console.WriteLine("Exit");

return;

}

break;

case 2: Console.WriteLine("\nExit"); return;

}

break;

case "no": Console.WriteLine("\nExit"); return;

}

break;

case "back": Console.WriteLine("Back"); return;

}

break;

}

}

}

}

class OrderList

{

private string[] Uniforms;

private int[] Quantity;

private string[] Uniform\_Sizes;

private int top;

private int maxSize;

public OrderList(int size)

{

maxSize = size;

Uniforms = new string[maxSize];

Uniform\_Sizes = new string[maxSize];

Quantity = new int[maxSize];

top = -1;

}

public bool pushUniform(string item)

{

if (top >= maxSize - 1)

{

Console.WriteLine($"\nOops You've reached your order limit {maxSize}! :)");

}

Console.WriteLine("\nUniform Pushed!");

Uniforms[++top] = item;

return true;

}

public bool pushSizes(string item)

{

if (top >= maxSize - 1)

{

Console.WriteLine("\noops You've reached your order limit! ");

}

Console.WriteLine("\nSize Pushed!");

Uniform\_Sizes[++top] = item;

return true;

}

public void pushQuantity(int item)

{

if (top >= maxSize - 1)

{

Console.WriteLine($"\nOops You've rich your order limit {maxSize}! :)");

}

Console.WriteLine("\nQuantity Pushed!");

Quantity[++top] = item;

}

public void DisplayUniform()

{

if (top == -1)

{

Console.WriteLine("Order List is empty");

}

else

{

for (int i = top; i >= 0; i--)

{

Console.Write(Uniforms[i]);

}

}

}

public void DisplayUniformSize()

{

if (top == -1)

{

Console.WriteLine("Oder List is empty");

}

else

{

for (int i = top; i >= 0; i--)

{

Console.Write(Uniform\_Sizes[i]);

}

}

}

public void DisplayQuantity()

{

if (top == -1)

{

Console.WriteLine("Order List is empty");

}

else

{

for (int i = top; i >= 0; i--)

{

Console.Write(Quantity[i] + ",");

}

}

}

}

class Department

{

public void Uniform()

{

while (true)

{

Console.WriteLine("\nWelcome to School Uniform Ordering System!\n");

Console.Write("List of Department Uniform!" +

"\n1.) CICTE\n" +

"2.) CAS\n" +

"3.) CFAS\n" +

"4.) Exit\n" +

"Please select a number to choose: ");

int choice;

bool validInput = int.TryParse(Console.ReadLine(), out choice);

if (!validInput || choice < 1 || choice > 4)

{

Console.WriteLine("\nInvalid Input! Please Input (1-4)");

}

switch (choice)

{

case 1:

CICTE cicte = new CICTE();

cicte.cicte(); break;

case 2:

CAS department2 = new CAS();

department2.Uniform(); break;

case 3:

CFAS department3 = new CFAS();

department3.Uniform(); break;

case 4:

Console.WriteLine("\nThank You! Come Again!");

return;

}

}

}

}

class Admin

{

public string Username;

public string Password;

public Admin()

{

Username = "admin";

Password = "password123";

}

}

class Login

{

public bool authentication = false;

public void login()

{

Console.WriteLine("\n>>Login<<");

Console.Write("\nEnter Username: ");

string user = Console.ReadLine();

Console.Write("Enter Password: ");

string pass = Console.ReadLine();

Admin admin = new Admin();

if (user == admin.Username && pass == admin.Password)

{

Console.WriteLine("\nLogin Successfully! ");

Department department = new Department();

department.Uniform();

}

else

{

Console.WriteLine("\nInvalid Users and Password! Please input the predefined admin account! ");

return;

}

}

}

class Program

{

static void Main()

{

while (true)

{

Login login = new Login();

login.login();

if (login.authentication)

{

return;

}

}

}

}