

Online Post Office Management System

Supervisor: *TRƯỜNG THÀNH TRUNG*

Semester: *III*

Batch No: *T1.2206.E1*

Group No: *4*

Order:	Full name	Roll No.
1.	<i>Phạm Quốc Chiến</i>	<i>Student1376109</i>
2.	<i>Nguyễn Phương Hoa</i>	<i>Student1376108</i>
3.	<i>Trương Ngọc Minh Cát</i>	<i>Student1376134</i>
4.	<i>Trương Ngô Mạnh Đan</i>	<i>Student1341546</i>

Month:09 Year:2023

This is to certify that

Mr. PHAM QUOC CHIEN

Ms. NGUYEN PHUONG HOA

Mr. TRUONG NGOC MINH CAT

Mr. TRUONG NGO MANH DAN

Have successfully Designed & Developed

**ONLINE POST OFFICE
MANAGEMENT SYSTEM**

Submitted by:

Mr. TRUONG THANH TRUNG

Date Of Issue:

26/09/2023

Authorized Signature:

Content

Content

Acknowledge

Synopsis

Review1	1
Review2	10
Review3	20
Testing Document	37
Final Checklist	38
Task sheet	39

Acknowledge

As we understand that the e-Project is a step-by- step learning environment that closely simulates the classroom and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to.

- ✓ Practice step by step i.e. ladder approach.
- ✓ Build a larger more robust application.
- ✓ Usage of certain utilities in applications designed by user.
- ✓ Single program to unified code leading to a complete application.
- ✓ Learn implementation of concepts in a phased manner.
- ✓ Enhance skills and add value.
- ✓ Work on real life projects.
- ✓ Give a real-life scenario and help to create applications more complicated and useful.
- ✓ Mentoring through email support.

We would like to send great thanks to our professor, Mr. Truong Thanh Trung and others student for the adorable support during the time in project. Besides several mistakes we had made in the project, we hope to have more opportunities to widen our knowledge in web-building world.

We also thank you so much for your information and the e-Project from India APTECH to help us get more reality experience in this project. Since we have gained more experience from this project, we will not stop learning anything as much as we can be more successful in the future.

Your Sincerely,

Team Group 4

Synopsis

The Objective of this program we aim is to give a sample project to work on real-life projects. These applications help us build a larger more robust application.

The objective is not to teach us front-end or back-end technology but to provide us with a real-life scenario and help us create basic applications using the tools.

Hence, we can revise the chapters before we start with the project.

This project is meant for students like us who have completed the module of Semester III, as well as special subjects those are ASP.NET Core 6.0 and ASP.NET Web API. These programs should be done in the Lab sessions with assistance of the faculty if required.

The website (in this project) application is focused on the operation of post office management system of TARS Delivery and giving the best experience for customers so that they can use more services for sending parcels and money orders.

. It is very essential for us that will have a clear understanding of the subject. We think we should go through the project and solve the assignments as per requirements. given

Review 01

Design Plan: Online Post Office Management System	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 1 of 48

Problem Definition

1. Introduction

TARS Delivery System is a postal service with several branches in various locations that delivers mail using a variety of methods, including money orders, courier services, rapid post, regular post, and VPP. Mail delivery fees were previously determined by the desired service, the weight of the mail, and the distance.

Indeed, with advancement of the technology, numerous companies consisting of TARS would like to develop their own system management with modern tools such as website and mobile apps. TARS have a plan to direct their customers as well as employees to approach the online platform for saving time and using more features from their services.

2. Problem Definition

Currently, TARS uses a stand-alone application that stores mail facts such as the delivery number, date of posting, weight, method of delivery selected, destination address, address of the person who posted it, contact information, and so on. The date of reception at the destination place office and the date of delivery to the destination address are recorded as soon as the packet or letter is received. Some of them (businesses, etc...) send many envelopes, couriers, and so on....

The online application included into the system so that the customer may check from his end when the packet or letter is delivered, as most packets or letters posted are primarily for business purposes, such as tenders, application forms, and so on..... Also, instead of maintaining different apps at each site, department personnel can utilize the same application (online) that performs all the responsibilities and tasks of the

	Prepared by (Student) Project Group No: 4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Problem Definition	SWD/Form No.01/PD/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 2 of 48

application that they are using. Giving the best platform for the customer and administrators.

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 3 of 48

Customer Requirements Specifications

2.1 Functional Requirements

	User	Admin	Employee
1.1. Login / Registered page	R1: allow users to enter the page with registered account or can register new account to access the page.	R1: Login to account.	R1: Login to account.
1.2. Profile page	R1: Change the password. R2: Allow to see personal information R3: Personal information can be edited and updated	R1: Create employee account. R1: View employee 's information.	R1: Change the password R2: Allow to see personal information. R3: Personal information can be edited and updated.
1.3.Order page	R1: Can see the details of the deliverables that he/she has sent through the Delivery number provided at the time of the submission. R2: Can choose the services of order R3: Can search the fee of orders	R1: Can see all user's orders. R2: Can update the fee of services R3: Can update the details of services	R1: Can see and edit the details of the deliverables

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 4 of 48

1.4. Shipping page	R1: Can see details of the orders.	R1: Can see tracking history of all employees	R1: Can update the status of orders R2: History-updates will be recorded
1.5.Statistic page	R1: Can view all of orders and calculations which are contained in the form of chart or table	R1: Can update the status of services or change the charge of all services	
1.5. Search page	R1: Can look up the fee based on the pin codes, type of service, parcel weight R2: Search the details of services.	R1: Search the details of services	R1: Can look up the details of service charges, contact address based on the location, and the pin codes of the locations.
1.6.Money Orders page	R1: Visit Money Orders page. R2: create of transferring money to receivers by create new orders and filling the digit which they would like to send as long as meeting the conditions.	R1: Update fee rate of money order service. R2: See details of all transactions	R1: Update and notify the status of transactions.
1.7. Sitemap	R1: Can view the page sitemap.	R1: Can view the page sitemap.	None

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 5 of 48

1.9. Contact us	R1: Visit Contact Page. R2: Can view contact information.	R1: Visit Contact Page. R2: Can edit contact information.	
----------------------------------	--	--	--

2.2. Non-functional Requirement Specifications

- **User-friendly:** The application should be easy to navigate with clear menus and other elements and easy to understand.
- **Operability:** The application should operate in a reliably efficient manner.
- **Performance:** The application should demonstrate high value of performance through speed and throughput. In simple terms, the application should be fast to load and page redirection should be smooth.
- **Scalability:** The application architecture and infrastructure should be designed to handle increasing user traffic, data storage, and feature expansions.
- **Security:** The application should implement adequate security measures such as authentication. For example, only registered users can access certain features.

2.3. System Requirement Specifications

2.3.1 Server Requirement:

- Hardware:
 - ❖ Component CPU:
 - Processor type:
 - Pentium IV-compatible processor or faster
 - Processor speed: Recommended: 2.0 GHz or faster

	Prepared by (Student) Project Group No: 4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 6 of 48

❖ OS:

- Microsoft Windows XP or higher with IIS

❖ Memory (RAM):

- Minimum: 512MB
- Recommended: 2GB or more

❖ Hard Drive:

- Minimum: 200 MB
- Recommended: 50 GB or more
- Maximum: Operating system maximum

● Software:

- ❖ ASP.NET Core Version .NET Core 6.0
- ❖ RDBMS SQL Server

2.3.2 Client requirements:

● Hardware:

❖ Component CPU:

- Processor type:
- Pentium IV-compatible processor or faster
- Processor speed: Recommended: 2.0 GHz or faster

❖ OS:

- Microsoft Windows XP or MacOS ...

❖ Memory (RAM):

- Minimum: 512MB
- Recommended: 2GB or more

❖ Hard Drive:

- Minimum: 512MB

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 7 of 48

➤ Recommended: 1 GB or more

- Software:

❖ Web Browser: Microsoft Edge, Mozilla Firefox, Chrome

2.3.3 Development Software:

- Microsoft SQL server Management Studio
- Microsoft Visual Studio 2022.
- Microsoft Visual Code

2.3.4 Technology:

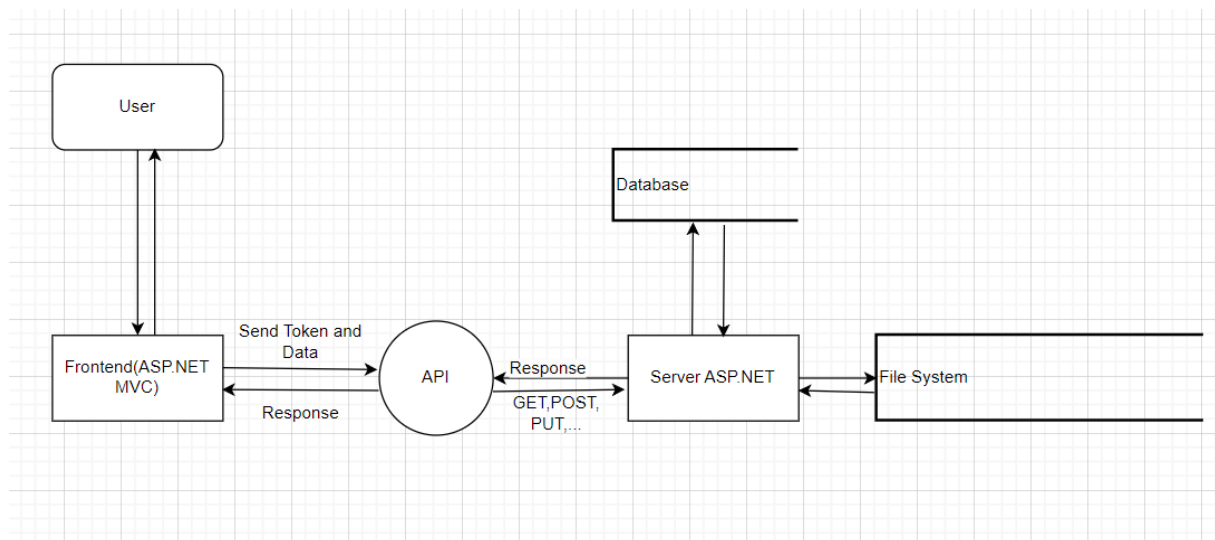
- ASP.Net Core 6.0
Entity Framework Core 6.0.7

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Review 02

Design Plan: Online Post Office Management System	Document Name: Architecture & Design of the Project	SWD/Form No.03/DFD/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 9 of 48

Architecture & Design of the Project



1. Presentation Tier

-This is the tier in which the users interact with applications. Presentation Tier contains Model, View, Controller used to receive a request and response to User.

-Technology: ASP.NET CORE 6 WEB MVC, HTML, CSS, JS

2. Business Logic Tier

-Is mainly working as the bridge between Data Tier and Presentation Tier. All the Data passes through the Business Tier before passing to the Presentation Tier.

-Technology: ASP.NET CORE API

3. Data Access Tier

-This is basically the server which stores all the application's data. Data tier contents Database Tables, Database Views and other means of storing Application's data.

	Prepared by (Student) Project Group No: 4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

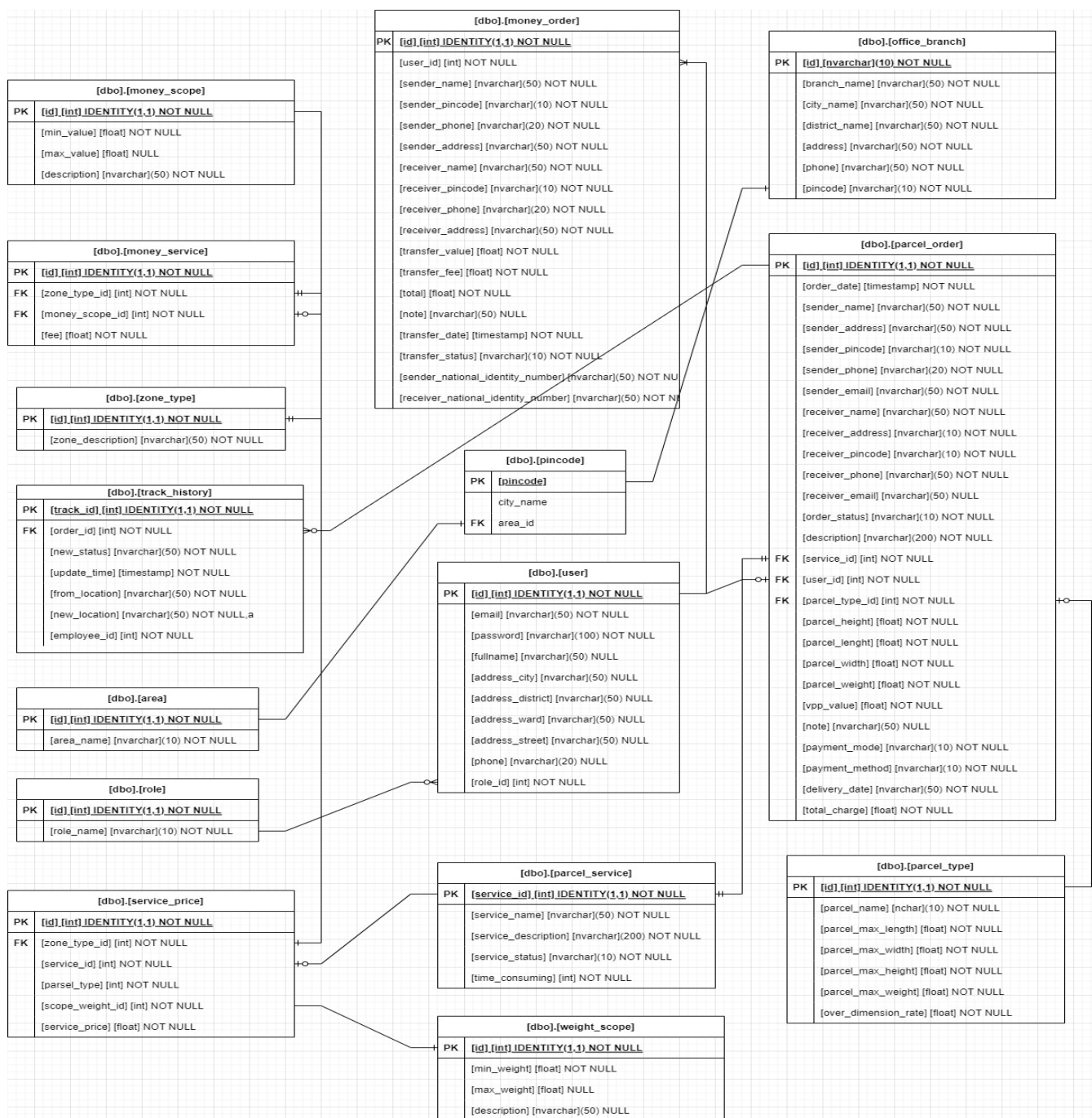
Design Plan: Online Post Office Management System	Document Name: Architecture & Design of the Project	SWD/Form No.03/DFD/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 10 of 48

-Technology: SQL Server

	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 11 of 48

Entity Relationship Diagram

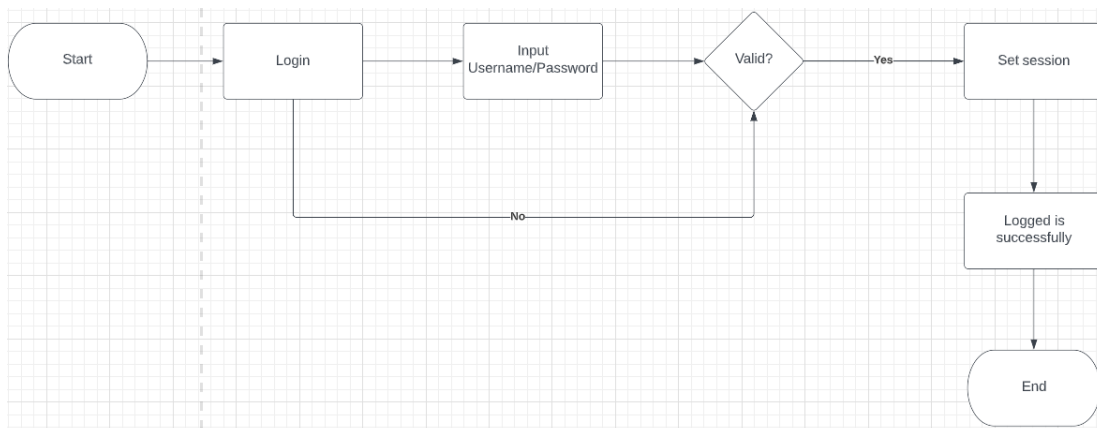


	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

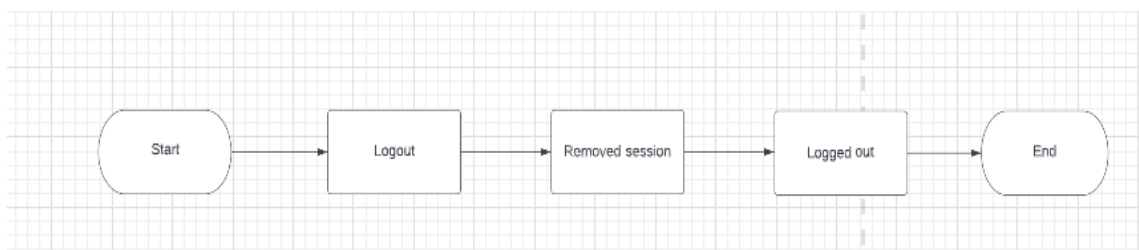
Design Plan: Online Post Office Management System	Document Name: Algorithms	SWD/Form No.05/TAB/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 12 of 48

Algorithms

1.Login(users)



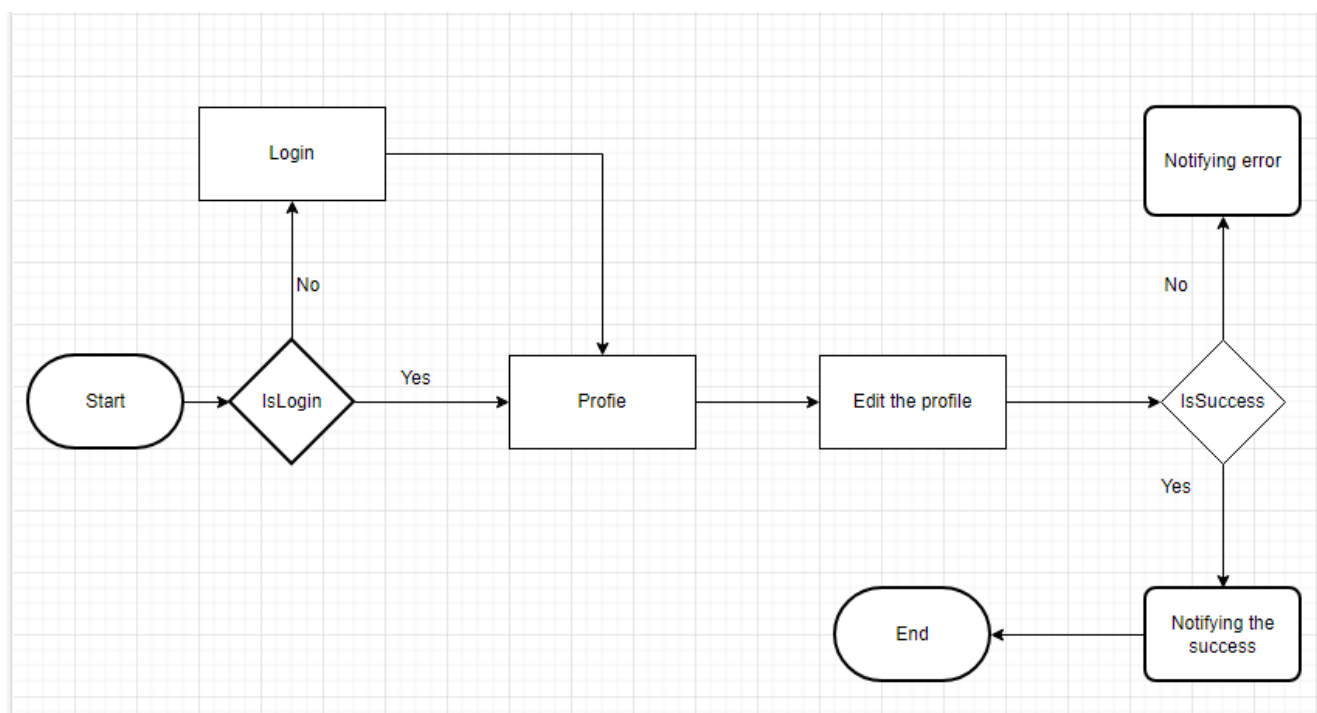
2 Logout (all users)



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Algorithms	SWD/Form No.05/TAB/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 13 of 48

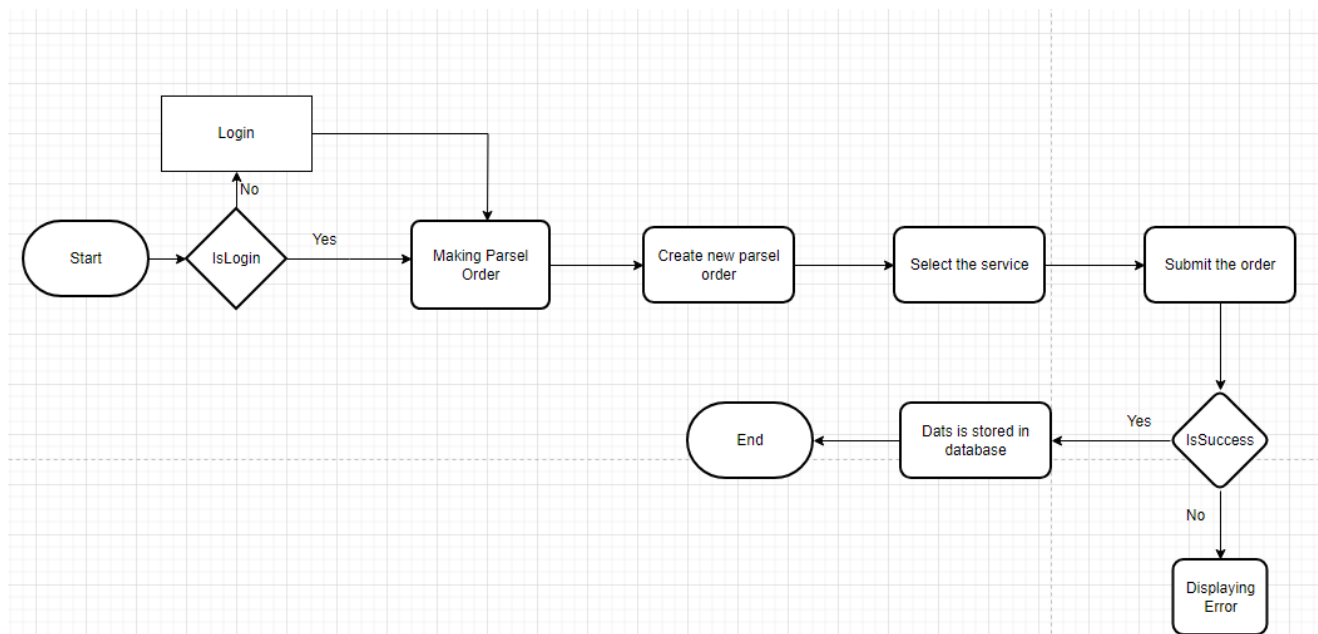
3.Profile:



	Prepared by (Student) Project Group No: 4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Algorithms	SWD/Form No.05/TAB/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 14 of 48

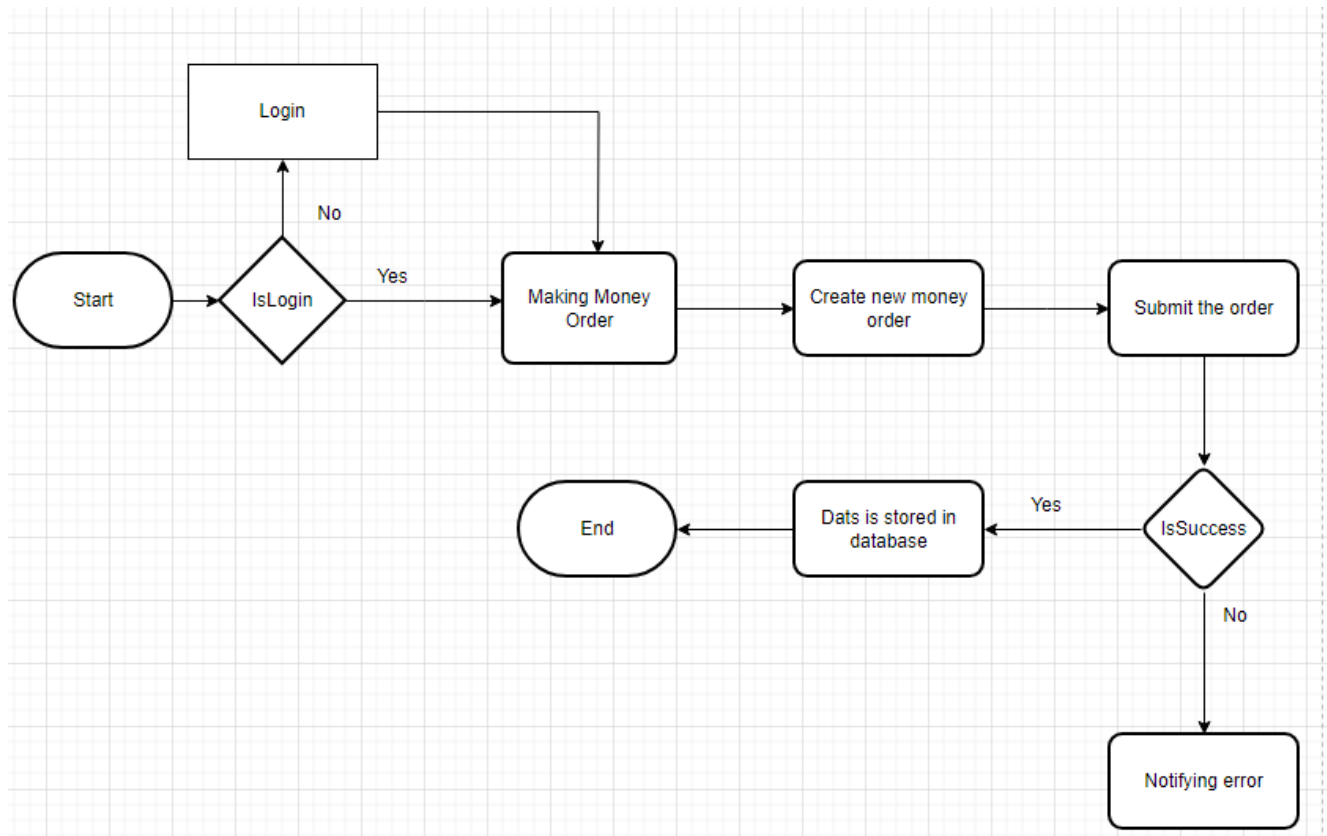
4. Parcel Order:



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Algorithms	SWD/Form No.05/TAB/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 15 of 48

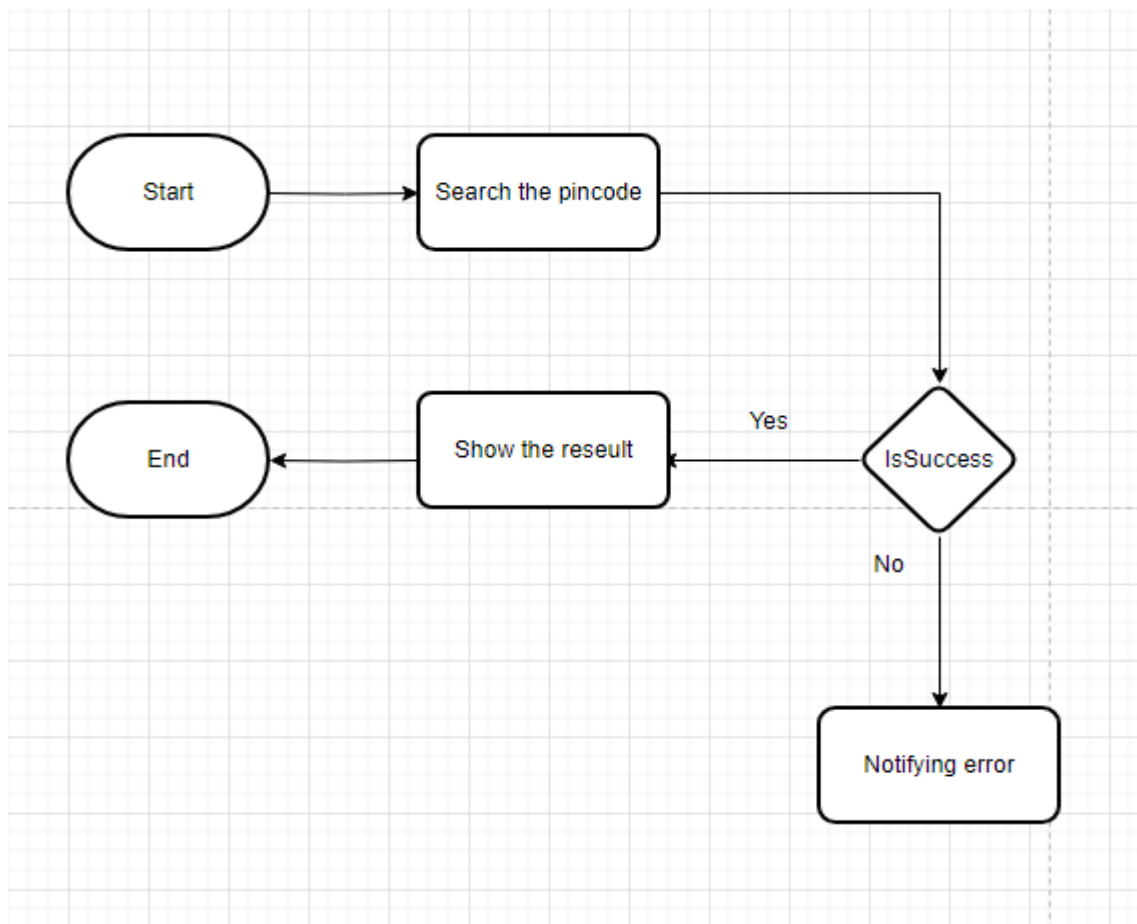
5. Money Order:



	Prepared by (Student) Project Group No: 4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Algorithms	SWD/Form No.05/TAB/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 16 of 48

6. Search Pin code:

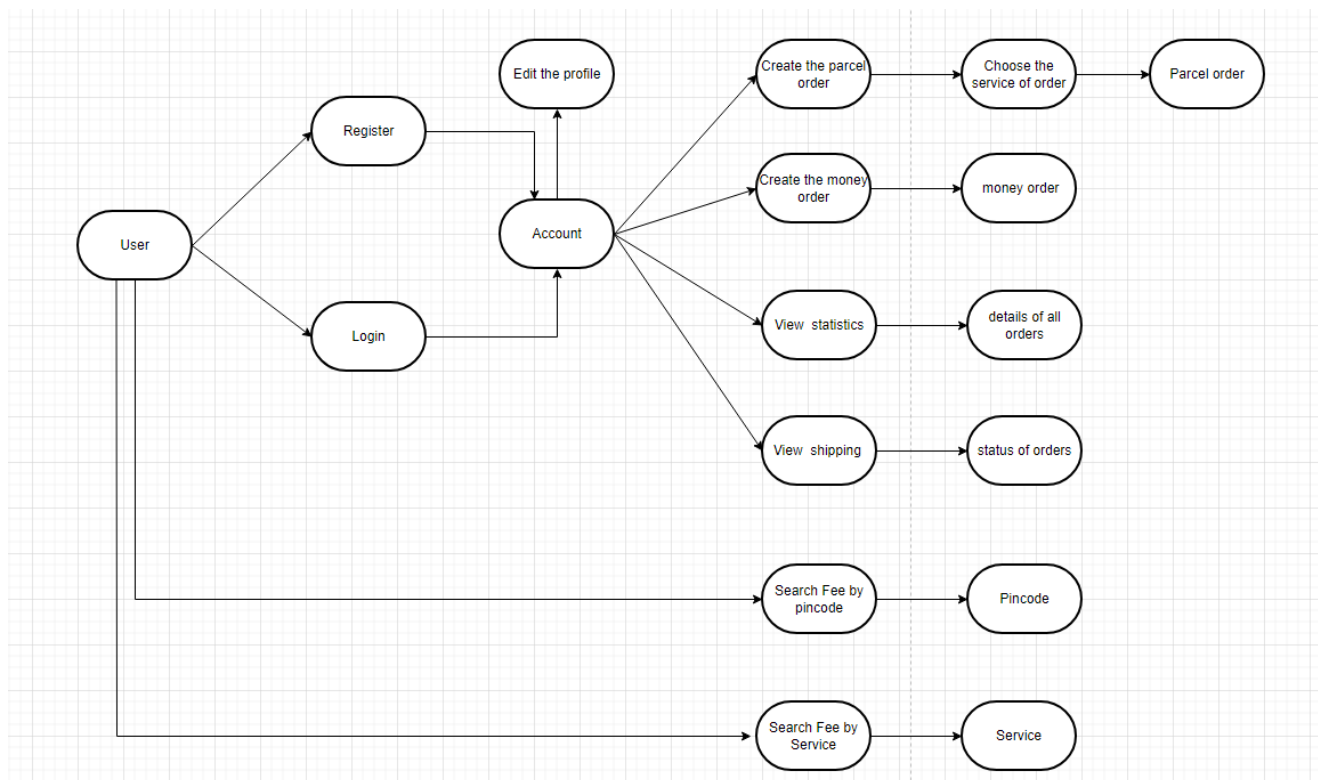


	Prepared by (Student) Project Group No: 4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Use Case Diagram	SWD/Form No.05/TAB/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 17 of 48

Use Case Diagram

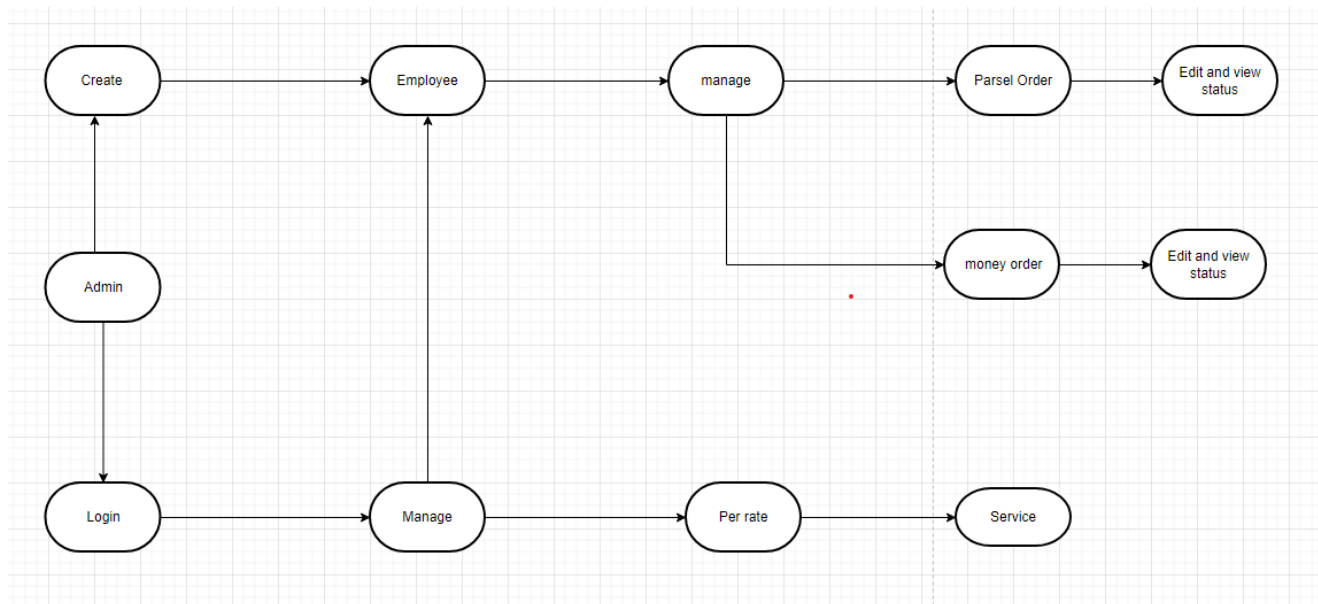
1. User:



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Use Case Diagram	SWD/Form No.05/TAB/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 18 of 48

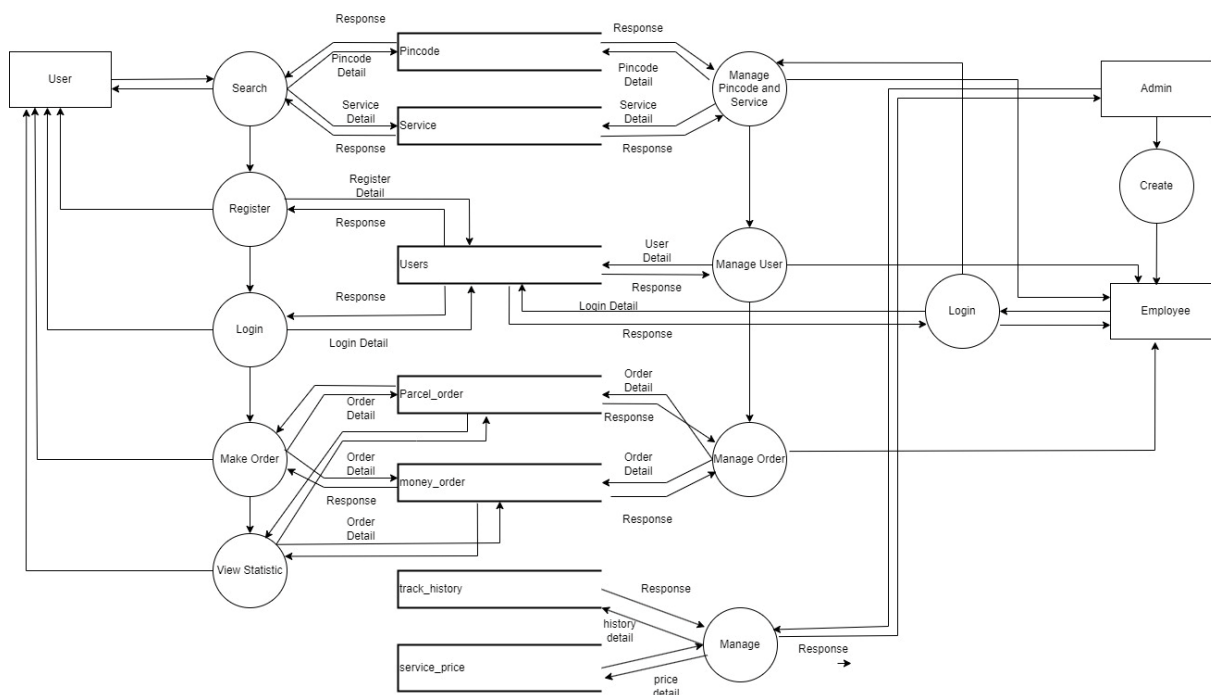
2. Admin:



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Data Flow Chart	SWD/Form No.07/ALG/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 19 of 48

Data Flow Chart



	Prepared by (Student)	Approved by (Faculty)
	Project Group No: 4	TRUONG THANH TRUNG
Signature		
Date		

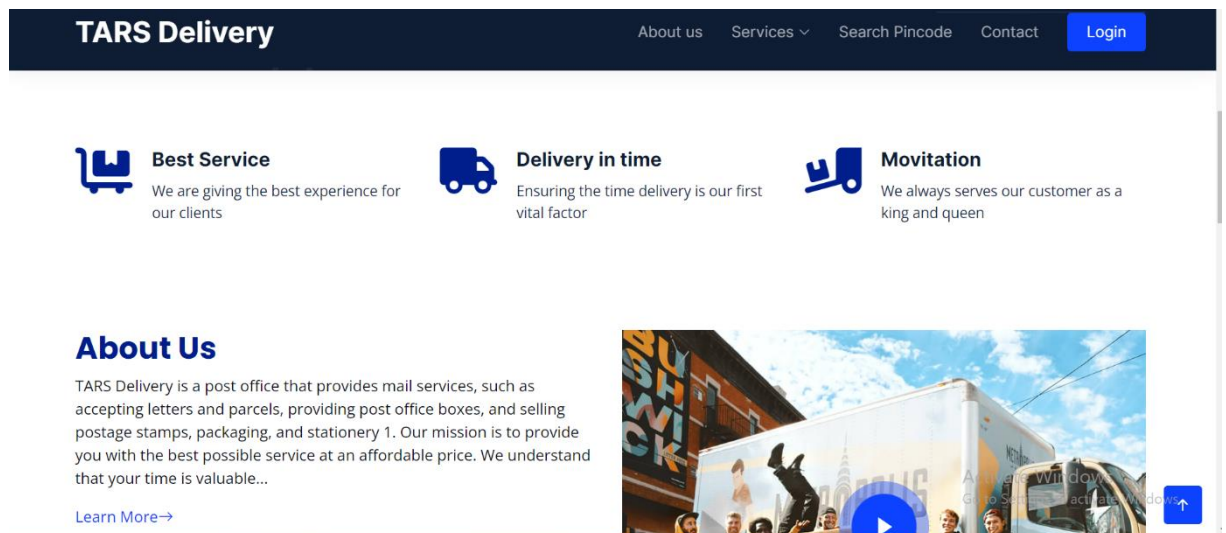
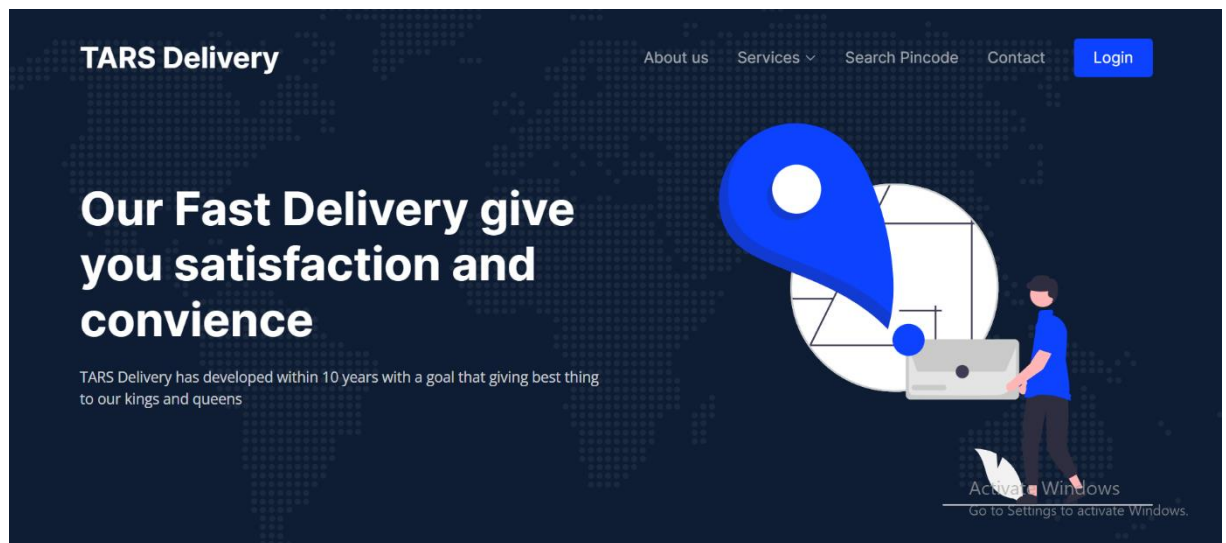
Review 03

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 21 of 48

GUI Design

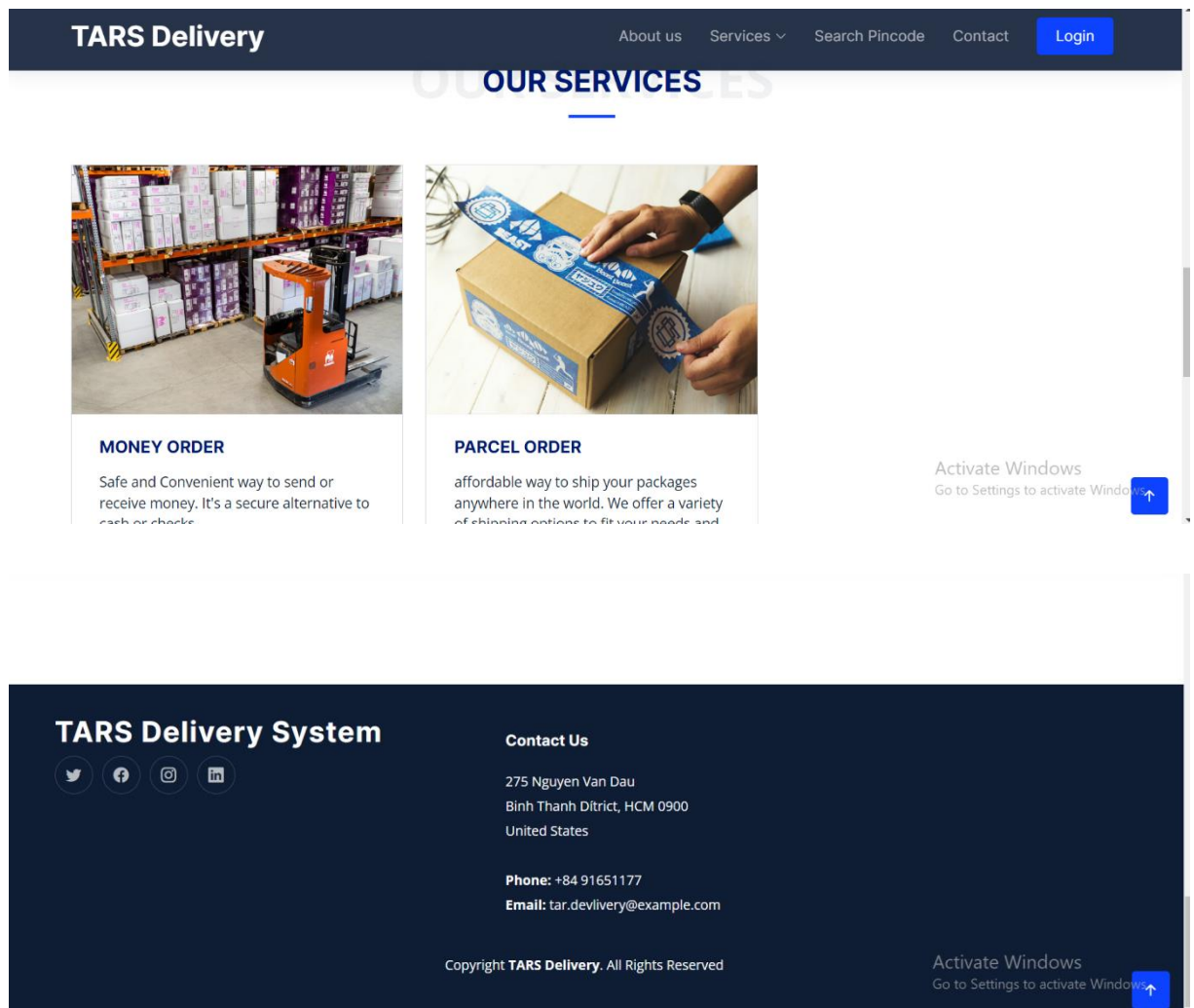
Client:

1. Home page:



	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 22 of 48



Description: The Home Page show all services: Parcel Order, Money Order, Contact us,...

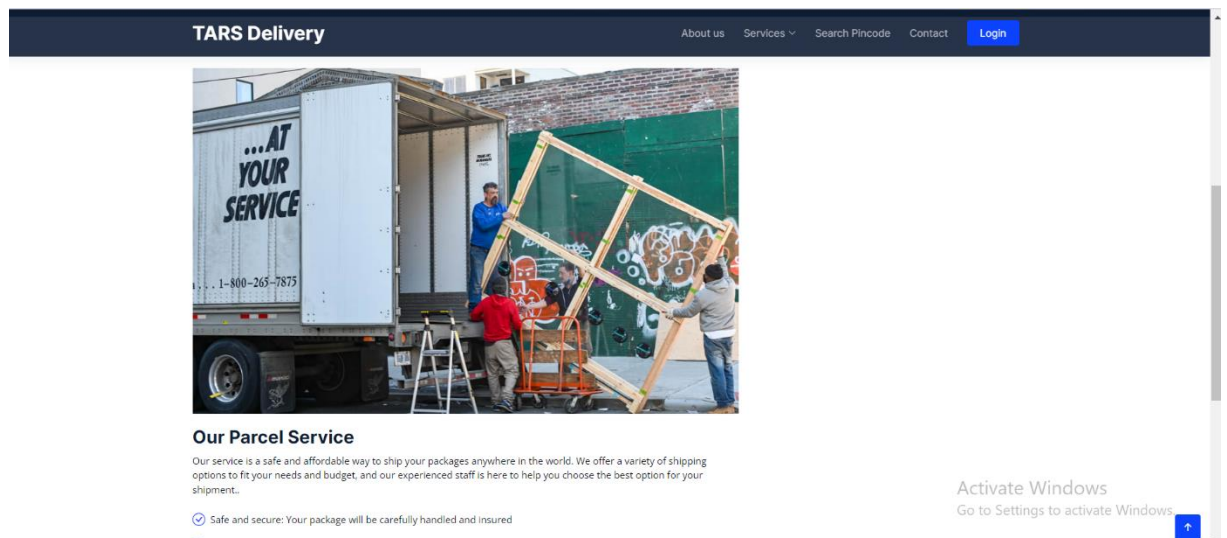
From: from the start prior to coming to login the website

To : Parcel Order Detail, Money Order Detail, Login

	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 23 of 48

2. Parcel Service page:



Description: The Service Page show all detail of parcel service:

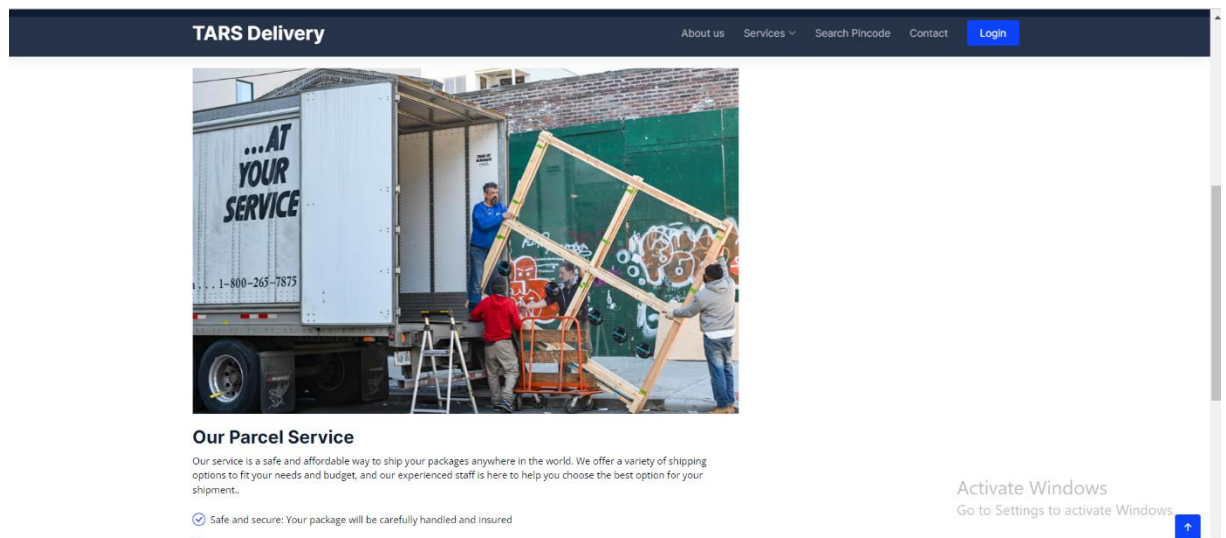
From: The Home page

To : Parcel Order Detail, Money Order Detail, Login,...

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 24 of 48

3. Parcel Service page:



Description: The Service Page show all detail of parcel service.

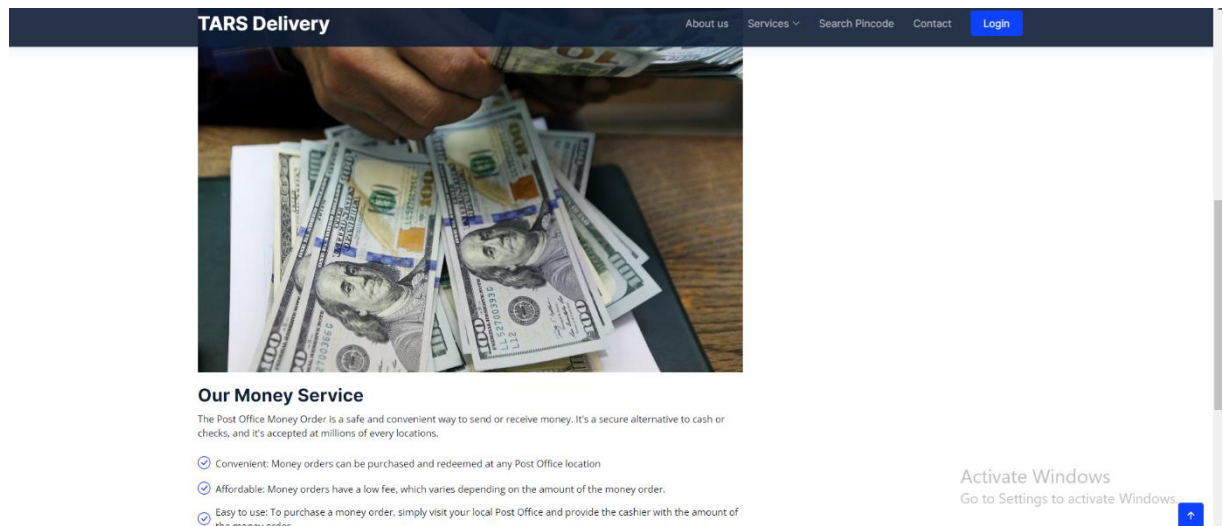
From: the Home page

To : Parcel Order Detail, Money Order Detail, Login,...

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 25 of 48

4. Money Order Service



Description: The Money Order Page show all detail of money service.

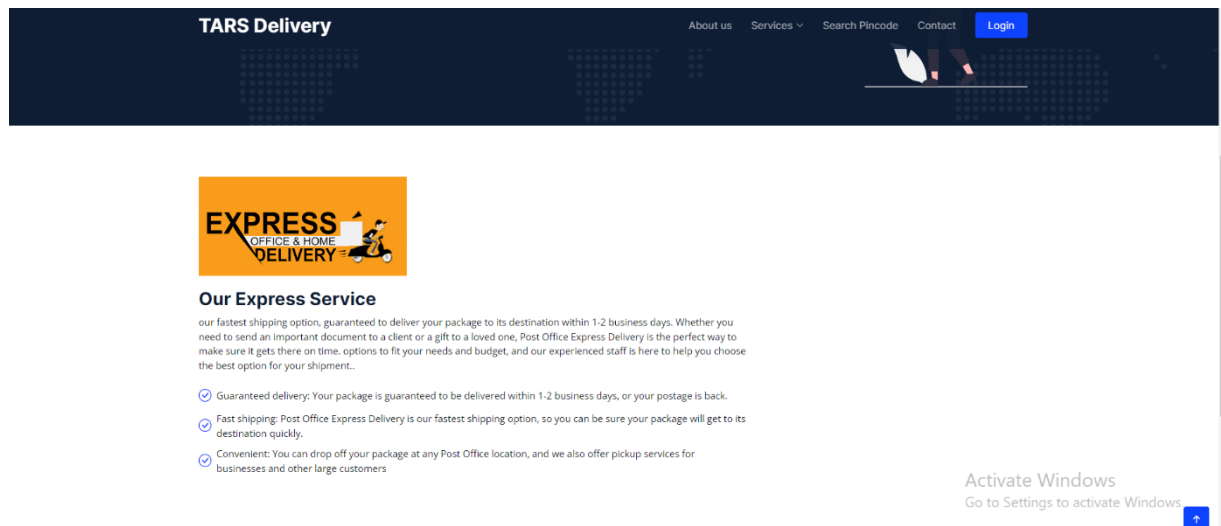
From: the Home page

To : Parcel Order Detail, Home page, Login, Contact us...

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 26 of 48

5. Express Service Page



Description: The Express Order Page shows all detail of express service.

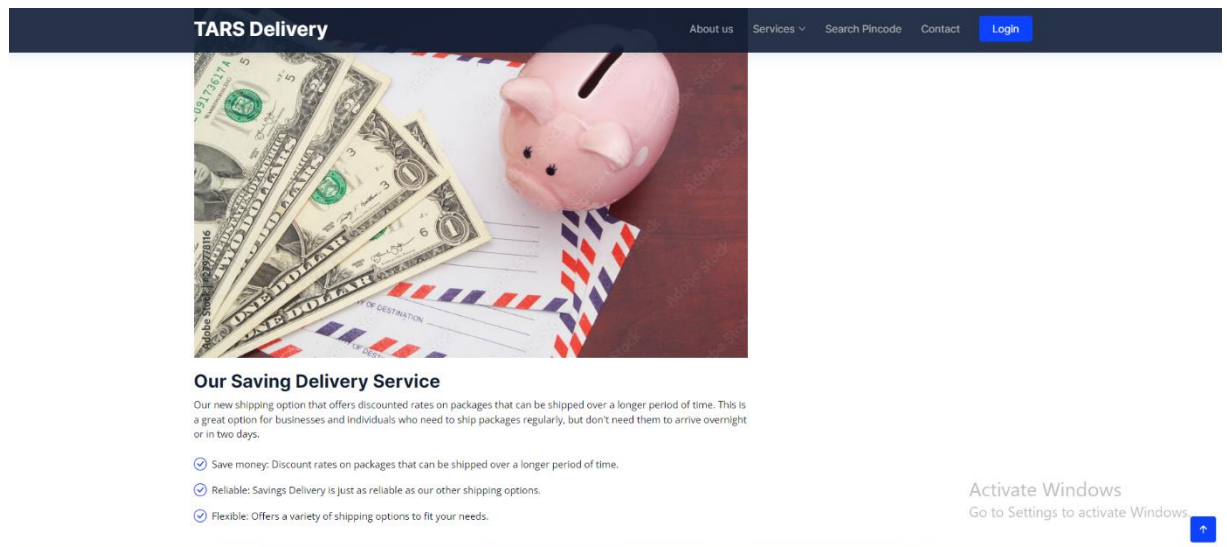
From: the Home page

To : Home page, Login, Contact us...

	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 27 of 48

6. The Saving Service Page



Description: The Saving Order Page shows all detail of Saving service.

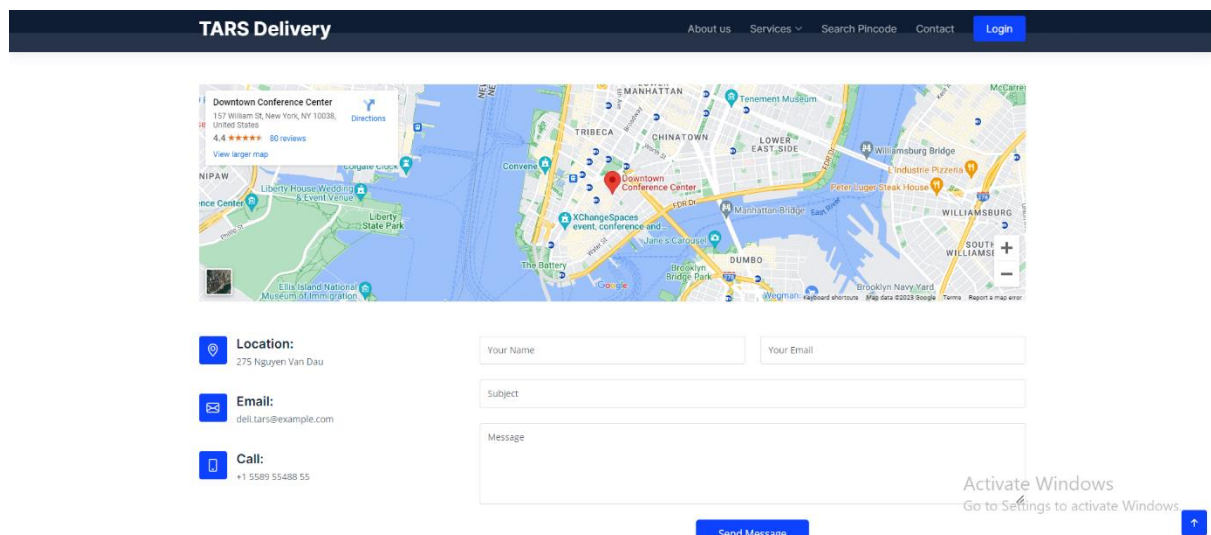
From: the Home page

To : Home page, Login, Contact us...

	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 28 of 48

7. Contact Us Page:



TARS Delivery About us Services Search Pincode Contact Login

Downtown Conference Center
137 William St, New York, NY 10038, United States
4.4 ★★★★★ 80 reviews
View larger map

Location:
275 Nguyen Van Dau

Email:
dell.tars@example.com

Call:
+1 5589 55488 55

Your Name Your Email

Subject

Message

Send Message

Activate Windows
Go to Settings to activate Windows

Description: Contact Us Page shows all detail of details of company's contact information

From: the Home page

To : Home page, Login, Service Page,...

	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 29 of 48

8. Create Parcel Order Page:

Description: Create Order Page allows users to create the order that they want to send

From: the Client page

To : Login, Money Service Page, Shipping Page, Invoice Page,...

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 30 of 48

9. Create Money Order Page:

st:7126/client/moneyorder

Please enter **Sender & Receiver** Details in Required Fields Below

Sender User

User Name: Full Name, Last Name

Sender Pincode: Zone..., Area..., City...

Sender Address: No., Street, Ward
Example: 275, Nguyen Van Dau, Phuong 11

Contact: Your Number, Your Email Confirm

National Number: your national identity number
[Get information](#)

Receiver User

Receiver Name: receiver name

Receiver Pincode: Zone..., Area..., City...

Receiver Phone: receiver phone

National Number: his/her national identity number
[Get information](#)

Money Transfer & Fee

[Get information](#)

Transfer Value: transfer value

Order Fee: order fee

Money Transfer: money transfer

Money Order Charge: money order charge

Transfer Description: Content...

Transfer Date:
ex: 99/99/9999

Submit Reset

	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 31 of 48

Description: Create Money Order Page allows users to create the money order that they want to send

From: the client page when comes to click the option: Money Order

To : Login, Money Service Page, Shipping Page, Invoice Page,...

10. Statistic page:

Description: Statistic Page allows users to see all the order, their delivering status and their total fees

From: the client page when comes to click the option: Statistic Page

To : Logout, Parcel Service Page, Shipping Page, Invoice Page,...

	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 32 of 48

Admin:

1. Add Employee Page:

The screenshot shows a web interface for adding a new employee. The form is titled 'Add Employee' and includes a breadcrumb trail 'Home / Add Employee'. A blue tab labeled 'General' is active. Below the tab are three input fields: 'User Name', 'Email', and 'Password'. At the bottom of the form are two buttons: a grey 'Cancel' button and a green 'Submit' button.

Description: Add Employee Page allow administrator to create employees to manage the system

From : The Employee Page

To : Change Password Page, Manage order page,....

	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 33 of 48

2. Employee Page:

The screenshot displays the 'Profile' page for a user named 'Le Thi Ba'. The page has a sidebar on the left with 'Personal Information' and a main content area on the right with tabs for 'Activity', 'Account', and 'Password'. The 'Activity' tab is active, showing a list of orders. Each order entry includes an order number, order date, shipping address, and a 'Note' field with a 'Save' button. The sidebar information includes the user's role as 'Employee', their location, phone number, and the date they joined the system.

Description: Employee Page allows employees to see and edit some update for orders

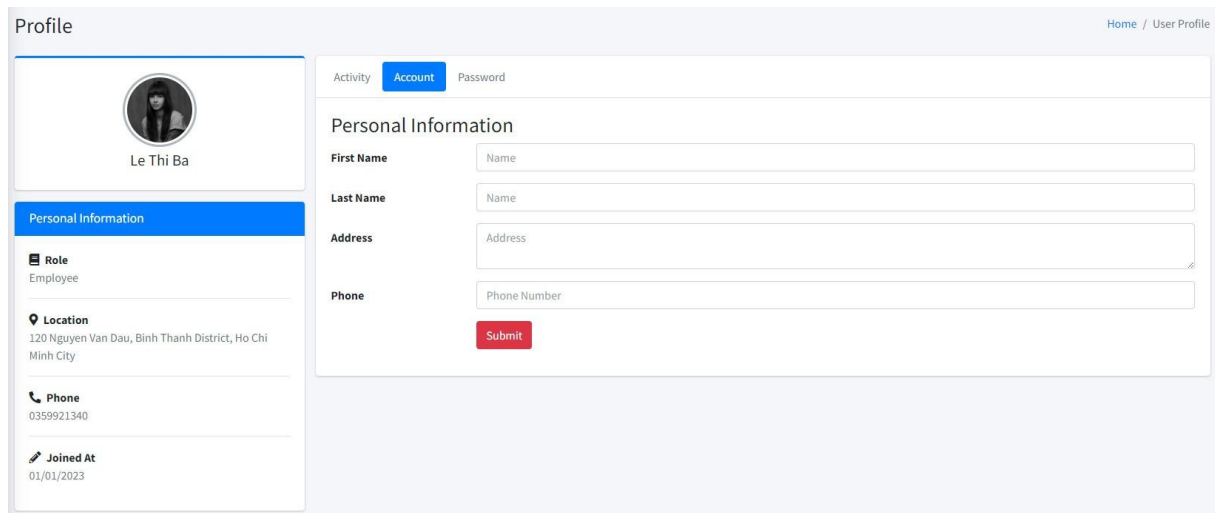
From : The Employee Page

To : Change Password Page

	Prepared by (Student) Project Group No:4	Approved by (Faculty) TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 34 of 48

3. Edit Personal Page:



Description: Employee Page allows employees to edit the information of employees








From : The Employee Page

To : Change Password Page

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 35 of 48

4. Manage Order Page

Manage Order			Home /
Money Order			— ✕
#	Order Id	Employees	Status
#	#139971 Created 01.10.2023	 	Complete View
#	#139971 Created 01.10.2023	 	Complete View
#	#170971 Created 07.10.2023		Pending View
#	#189971 Created 11.10.2023	 	Pending View

Description: Manage Order Page allows employees to edit the information of all orders

From : The Employee Page

To : Money Order Page, Manage Service Page,...

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: GUI Design	SWD/Form No.08/SS/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 36 of 48

5. Manage Employee Page

Description: Manage Employee Page allows admin to edit the information of all employees

From : The Employee Page

To : Money Order Page, Manage Service Page,...

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Testing document	SWD/Form No.09/TD/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 37 of 48

Testing document

Sr.No	Features Tested	Remarks
1	Records have been stored into the database	Done
2	APIs for functions such as insert, update, or delete has been used sufficiently	Done
3	The tables with foreign keys have been tested	Done
4	Validation of register data has been checked	Done
5	Validation of log in data has been checked	Done
6	Validation of input has been checked	Done
7	Calculation concerned with price of orders has been checked	Done
8		
9		
10		
11		
12		
13		
14		
15		

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan: Online Post Office Management System	Document Name: Final checklist	SWD/Form No.10/FC/Ver1.0
Effective Date: 26/09/2023	Version 1.0	Page No: 38 of 48

Final checklist

Sr.No	Aspected Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	Done
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	Done
3	Are the GUI content devoid of spelling mistakes?	Done
4	Is the application user-friendly?	Done
5	Is the Website launching correctly in all popular browsers?	Done
6	Are all the forms validated with proper criteria?	Done
7	Do all text links lead to the appropriate website?	Done
8	Do all image links lead to the appropriate website?	Done
9	Are all the images and links clearly visible on the page?	Done
10	Does the Web page work properly in all the tested browsers?	Done
11	Does the Web page take too long to be loaded fully?	Done
12	Is the navigation sequences correct through all the Web pages on the site?	Done
13	Is the JavaScript code working as expected in all click events?	Done

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRUONG THANH TRUNG
Signature		
Date		

Design Plan:	Document Name: Task Sheet	SWD/Form No.11/TS/Ver1.0
Effective Date:	Version 1.0	Page No: 39 of 48

Project Title: Online Post Office System		Activity Plan Prepared By:	Date of Preparation of Activity Plan:			
Sr. No.	Task		Actual Start Date	Actual Days	Team Mate Names	Status
1	Introduce	Pham Quoc Chien	26 Sep 2023	1	All members	Completed
2	Problem Definition, Requirement & Non-functional requirement		26 Sep 2023	1	All members	Completed
3	GUI Design		26 Sep 2023	1	All members	Completed
4	Process Analyst & Task sheet review		26 Sep 2023	1	All members	Completed
5	Entity Relationship Diagram		26 Sep 2023	2	All members	Completed

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRKUONG THANH TRUNG
Signature		
Date		

Design Plan:	Document Name: Task Sheet	SWD/Form No.11/TS/Ver1.0
Effective Date:	Version 1.0	Page No: 40 of 48

6	Data Flow Diagram		26 Sep 2023	2	All members	Completed
7	Use Case Diagram & Algorithms		26 Sep 2023	2	All members	Completed
6	Authentication Page (APP + API): Login, Register, Forgot Password	Nguyễn Phương Hoa	26 Sep 2023	3		Completed
7	Account Page (APP + API): Edit Information, Change Password, Edit State Account,	Nguyễn Phương Hoa	26 Sep 2023	1		Completed
8	Parcel Order Page: Create the parcel order, delete, choose the service for order	Phạm Quốc Chiến	26 Sep 2023	3		Completed
9	Money Order Page: Create the money order, delete or view all money order	Trương Ngọc Minh Cát	26 Sep 2023	3		Completed
10	Statistic Page (APP + API): List all order that customer	Trương Ngọc Minh Cát	26 Sep 2023	3		Completed

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRKUONG THANH TRUNG
Signature		
Date		

Design Plan:	Document Name: Task Sheet	SWD/Form No.11/TS/Ver1.0
Effective Date:	Version 1.0	Page No: 41 of 48

	made and view all sum of moneys					
11	Home Page (APP): Display All information: About us, introduce, contact us	Trương Ngô Mạnh Đan	26 Sep 2023	2		Completed
12	Service Page (APP + API): Show All information of service	Trương Ngọc Minh Cát	26 Sep 2023	3		Completed
13	Search Page (APP + API): Search the fee followed by the pincode,	Trương Ngô Mạnh Đan	26 Sep 2023	3		Completed
14	API Create Service, Get Service, Delete Service	Phạm Quốc Chiến	26 Sep 2023	2		Completed
15	(App + API) Admin: Dashboard, Login Admin	Nguyễn Phương Hoa	26 Sep 2023	2		Completed
16	Admin Page (APP + API): Management Account, Management	Nguyễn Phương Hoa	26 Sep 2023	3		Completed

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRKUONG THANH TRUNG
Signature		
Date		

Design Plan:	Document Name: Task Sheet	SWD/Form No.11/TS/Ver1.0
Effective Date:	Version 1.0	Page No: 42 of 48

18	Employee Page: Create the employee account and manage	Nguyễn Phương Hoa	26 Sep 2023	3		Completed
19	Parcel Managing Page (APP + API): Manage order, update the status of order	Phạm Quốc Chiến	26 Sep 2023	3		Completed
20	Money Managing Page (APP + API): Manage order, update the status of order	Trương Ngọc Minh Cát	26 Sep 2023	1		Completed
21	Service fee page: Manage fee service, update the fee	Trương Ngô Mạnh Đan	26 Sep 2023	3		Completed
22	Pincode Management page: Manage pincode, update the pincode	Nguyễn Phương Hoa	26 Sep 2023	1		Completed

	Prepared by (Student)	Approved by (Faculty)
	Project Group No:4	TRKUONG THANH TRUNG
Signature		
Date		