FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

Centre Name: ACE-HCMC-2-FPT.

Address: 590 Cach Mang Thang 8, District 3, Ho Chi Minh City, Viet Nam.

SHUTTLE LAUNDRY ONLINE PROJECT

Supervisor.	Ngô Phước Nguyên	
Batch.	T11910M1	
Group.	2	
Serial No.	**Enrollment Number**	**Student Name**
1.	Student1225647	Nguyễn Ngọc Thạch
2.	Student1235029	Quách Gia Lâm
3.	Student1215620	Phan Anh Đức
4.	Student1236866	Hoàng Toàn Thắng

March 2021

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ePROJECT3

REVIEW 1

e P r o j e c t s S t a t u s R e p o r t		
Student Details	Name	**Hoàng Toàn Thắng**
	Enrollment No.	**Student1236866**
	Curriculum	**ACCP-HDSE-6715**
	Semester	**3**
	Centre Name	**ACE-HCMC-2-FPT**
Eprojects Details	Eproject Title	**Online Laundry**
	Duration of the projects	
	Start Date (DD/MMM/YYYY)	21-Jan-2021
	End Date (DD/MMM/YYYY)	05-Mar-2021
Projects Status / Mentoring	**1st Status**	
	Sent Date (DD/MMM/YYYY)	
	Snapshot	No
	Description / Review Document	Yes
	Remarks	
	2nd and Final Status	
	Sent Date (DD/MMM/YYYY)	
	Snapshot	
	Description / Review Document	
	Remarks	
Students comment	**How our (eprojects team) suggestion helped you**	
	Feedback / Remarks	

REVIEW 2

eProjects Status Report		
Student Details	Name	**Hoàng Toàn Thắng**
	Enrollment No.	**Student1236866**
	Curriculum	**ACCP-HDSE-6715**
	Semester	**3**
	Centre Name	**ACE-HCMC-2-FPT**
Eprojects Details	Eproject Title	**Online Laundry**
	Duration of the projects	
	Start Date (DD/MMM/YYYY)	21-Jan-2021
	End Date (DD/MMM/YYYY)	05-Mar-2021
Projects Status / Mentoring	**1st Status**	
	Sent Date (DD/MMM/YYYY)	31-Jan-2021
	Snapshot	No
	Description / Review Document	Yes
	Remarks	
	2nd and Final Status	
	Sent Date (DD/MMM/YYYY)	10-Mar-2021
	Snapshot	No
	Description / Review Document	Yes
	Remarks	
Students comment	**How our (eprojects team) suggestion helped you**	
	Feedback / Remarks	

Acknowledgements

Why we use ASP.NET Core:

We use ASP.Net core to develop our Web_app because of its easier, faster and efficient for developers to build robust and modern web applications.

Some advanced features of ASP.Net core as:

1. Automatic memory management
2. Cross-platform architecture
3. Package management
4. Garbage collection
5. Language independence
6. Asynchronous programming
7. Easy to quick and customize feature-rich enterprise-grade web applications
8. Flawless development of MVC web applications and RESTful APIs
9. Multiple language support

Why use React instead of JavaScript HTML and CSS

With React we can create custom components, Even if we use React, We're still using JS, HTML, and CSS.

React is a UI library which helps ous manage a lot of things easier with features like Virtual DOM(normal DOM updates are slow), handling data with states, component-based structure etc. We could build a page using elements which make sense for our page ("<home-page>", "<about-page>", "<user-page>") and sub-components on each of those pages to break them up rather than always having to start at the same fine grained level of abstraction that is " ", "", "<input>", etc.

About securiry degree of our website

Website security is the measures taken to secure a website from cyberattacks, in this state development , this website is low degree security

REVIEW 1

1. Project Sypnosys

This eProject is a simulation of real project where the developer team have to design a web application for a company called Shuttle Laundry.

Shuttle Laundry is a well-established laundry service by bringing the convenience to the customer's door step. It offer picking up and delivery customer's laundry via outsourcing extenal logistic company. Currently the company has various branch offices in town and a large enough business volume to organize its own pickup/delivery team. The management wants to have a robust app to make the whole service experience as easy as a couple of mouse clicks.

2. Project Analysis

2.1. Project Problem Definition

The Developer Team is presented with a task to build a website for a laundry service company. The website is defined as a bridge for service interaction of SHUTTLE LAUNDRY with its costumers that will be devised with appropriate tools to link to back-end database. The team will have to solve the following problems:

- What is SHUTTLE LAUNDRY business/services and what they want to communicate to the users.
- How to categorize and group information into pages to address the priorities of the customer and that of the company. At the same time the user can immediately see what service they are looking for in the order started from the most-used services
- Front end to be pratical and adaptive to the changes of customer needs and request
- Back end and Coputation to be compact, flexible and fluid in arranging and transforming functions and operations of the company.
- As the front-end interaction, how to provide users with smoothest access in the fastest and most attractive manner.
- The website have to have the richest of information without redundancy.

2.2. Project requirement

2.2.1. Client

SHUTTLE LAUNDRY company

2.2.2. Project Objective

2.2.3. System requirement

Online Laundry System has modules to manage Customer Invoices for Pisces, weight, Package, Delivery of Pisces, weight, Package wise, and

Barcode Generations many more. It has a fully-fledged Human Resource module to manage the payroll and pay slips.

The modules included in the Online Landry System are as follows:

2.2.3.1.Customer Registration:

This Module Created and Registered new Customer in an application with their necessary and Basic information. Admin has Rights to create, Edit View and Delete all customer information. Search Customer also included in this.

2.2.3.2.Invoice Generation:

After Registered customer, Admin can create Invoice for Customers.

Customer Have three option

1) He/She can choose **Pieces wise Invoice**: He/She can give clothes by piece wise.

2) He can choose **Weight wise Invoice**: He/She can a bunch of cloth weight wise.

3) He can choose **Package wise Invoice:** .He/She can select a package for a month, in that no of Pisces are fixed.

In one screen admin can able to create an invoice and also he can see a last all invoices for a particular customer.

2.2.3.3.Bar Code Generation:

Admin can generate a Bar Code for all selected items for a particular invoice for a customer. After generation, he can able to print barcode on label printer and tag on clothes.

2.2.3.4.Delivery:

Admin can Deliver cloths depend on their status-(Ready, Pending, Delivered), Different Color show Different status, He can also take Remaining payment from and generate an invoice for taking payment.

2.2.3.5.Reports:

Different Report are a presence in a system like

- Customer List,
- Due Payment,
- Daily Collection,
- Garment-wise Collection,
- Cash Book,
- Customer Total Business etc

2.2.3.6.Dash Board

User-Friendly Dashboard available. Graphical Representation is also available. which shows

- Total Business
- Financial Collection.

2.2.3.7.SMS Integration

This system also includes SMS sending on all action and transaction performed for a customer like a Customer Registration, Invoice generation, Payment given etc.

2.2.4. Hardware and software requirement

2.2.4.1.Hardware requirement

	SERVER	
	Minimum	Recommended
Processor	800 MHz Intel Pentium III	2.6 GHz Intel Pentium IV
Memory	2 GB	4 GB
Disk space	8 GB	16 GB
Monitor	Super-VGA (800x600) or higher resolution monitor	
Internet	Internet access is required	
	CLIENT	
Processor	800 MHz Intel Pentium III	
Memory	512 MB	
Monitor	Super-VGA (800x600) or higher resolution monitor	
Internet	Internet access is required	

2.2.4.2.Software requirement

	SERVER
Operating System	Windows XP or later
Browser	Google Chrome 65.0
Database	Microsoft SQL Server 2017
Software	Microsoft .NET Framework (4.6 or higher)
	CLIENT
Operating System	Windows XP or later
Browser	Google Chrome 65.0

2.2.5. Expected delivery date

All deliverable is to be submitted by 5/3/2021

2.2.6. List of deliverables

Project documentation

User guide

Complete Source code and supporting Files and Folders.

2.2.7. DEVELOPMENT SOFTWARE

- Windows_NT x64 10.0.18363
- Visual Studio 2019 Express Edition
- Visual Studio Code, version: 1.52.1 (user setup)
- Chrome: 83.0.4103.122
- Node.js: 12.14.1
- Microsoft SQL Server 2014

2.2.8. TECHNOLOGY

- ASP.NET CORE
- React
- AXIOS
- REDUX
- SASS
- HTML/CSS
- JavaScript
- AJAX
- Jquery

REVIEW 1 – TASK SHEET

No.	Contents	Member	Activity Plan	Preparation	
			Start Date	Actual Days	Status
1	Project Sypnosys	Hoang Toan Thang Nguyen Ngoc Thach Quach Gia Lam Pham Anh Duc	05/03/2021	3	Completed
2	Project Problem Definition				
3	System Requirement				
4	Hardware and Software requirement				
5	Development Software				
6	Technology				

Plan prepared by: Group 2 — January 31st, 2020

Group Leader — **Faculty**

Hoang Toan Thang — **Mr. Ngo Phuoc Nguyen**

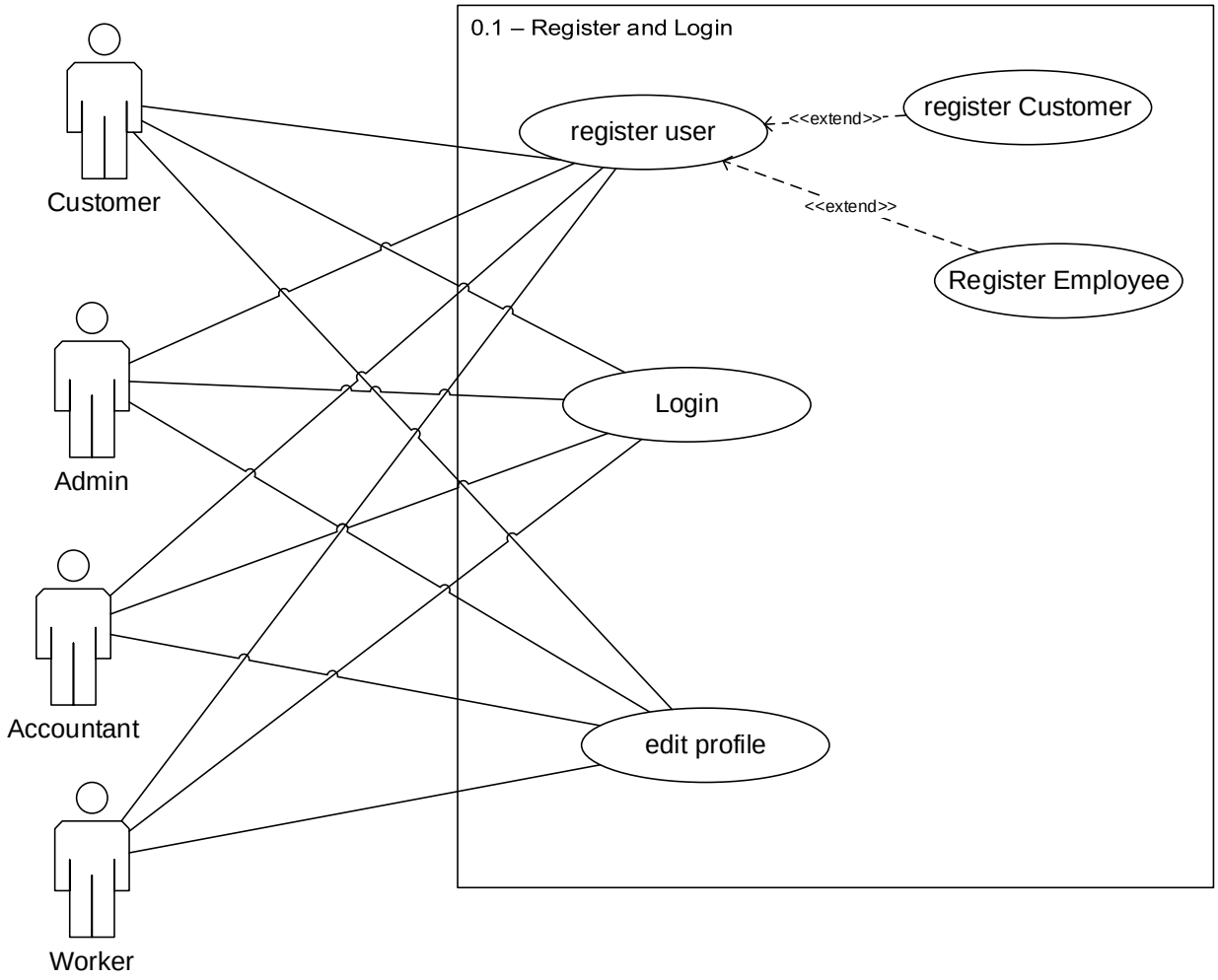
REVIEW 2

3. Project Design

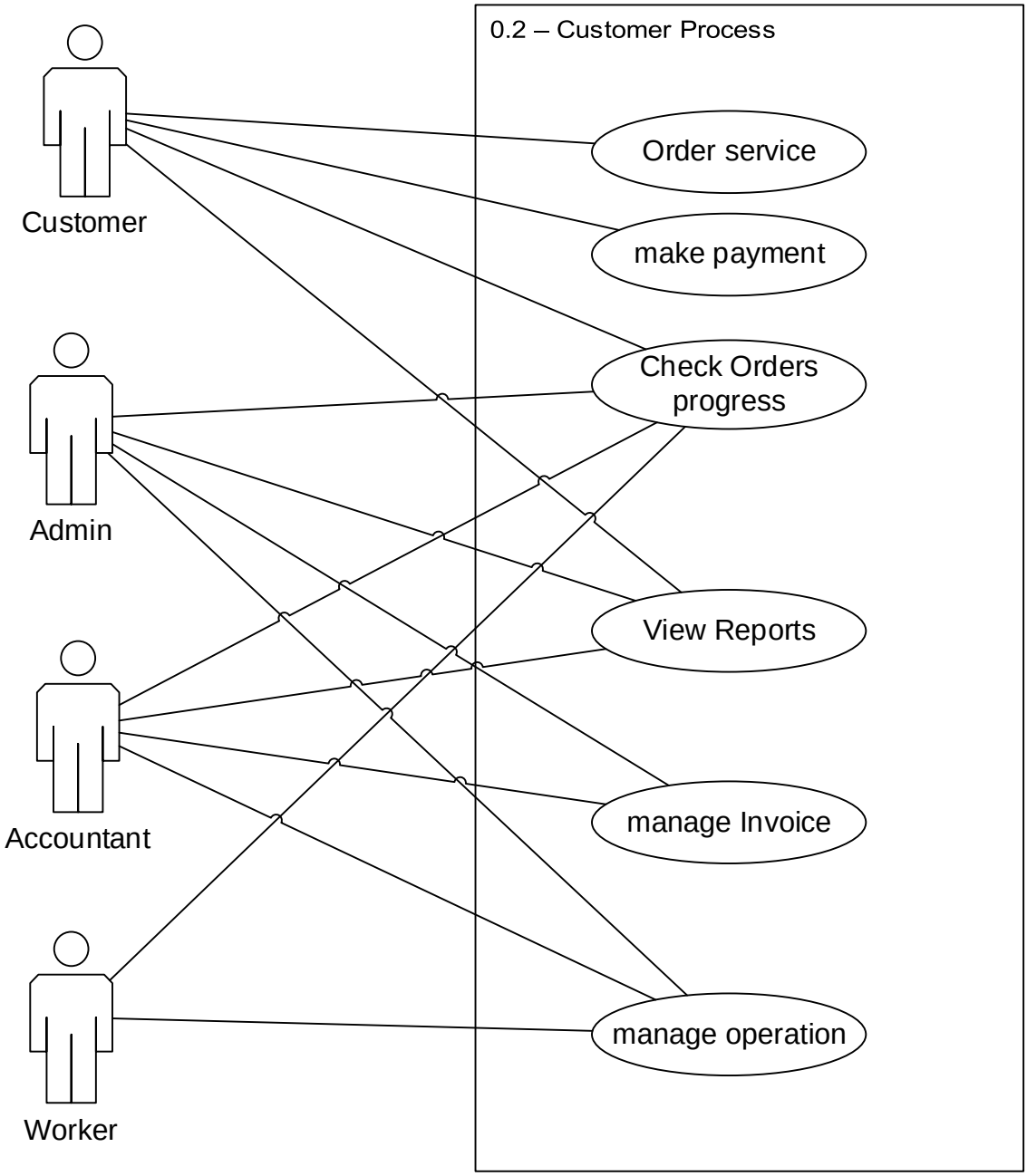
3.1. Design and Struture Analysis

3.1.1. Use Case Diagram

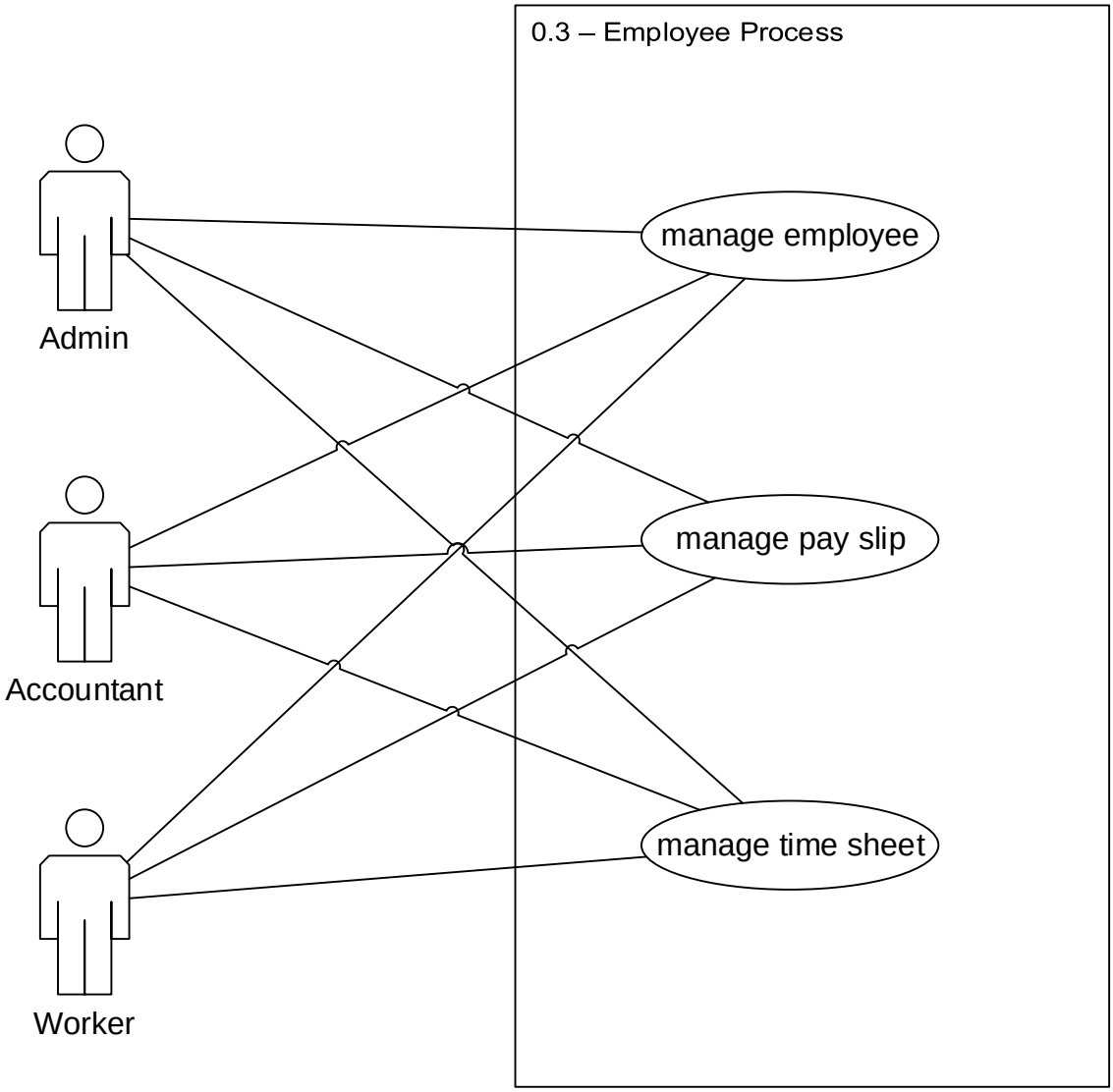
3.1.1.1. Use case Register and Login



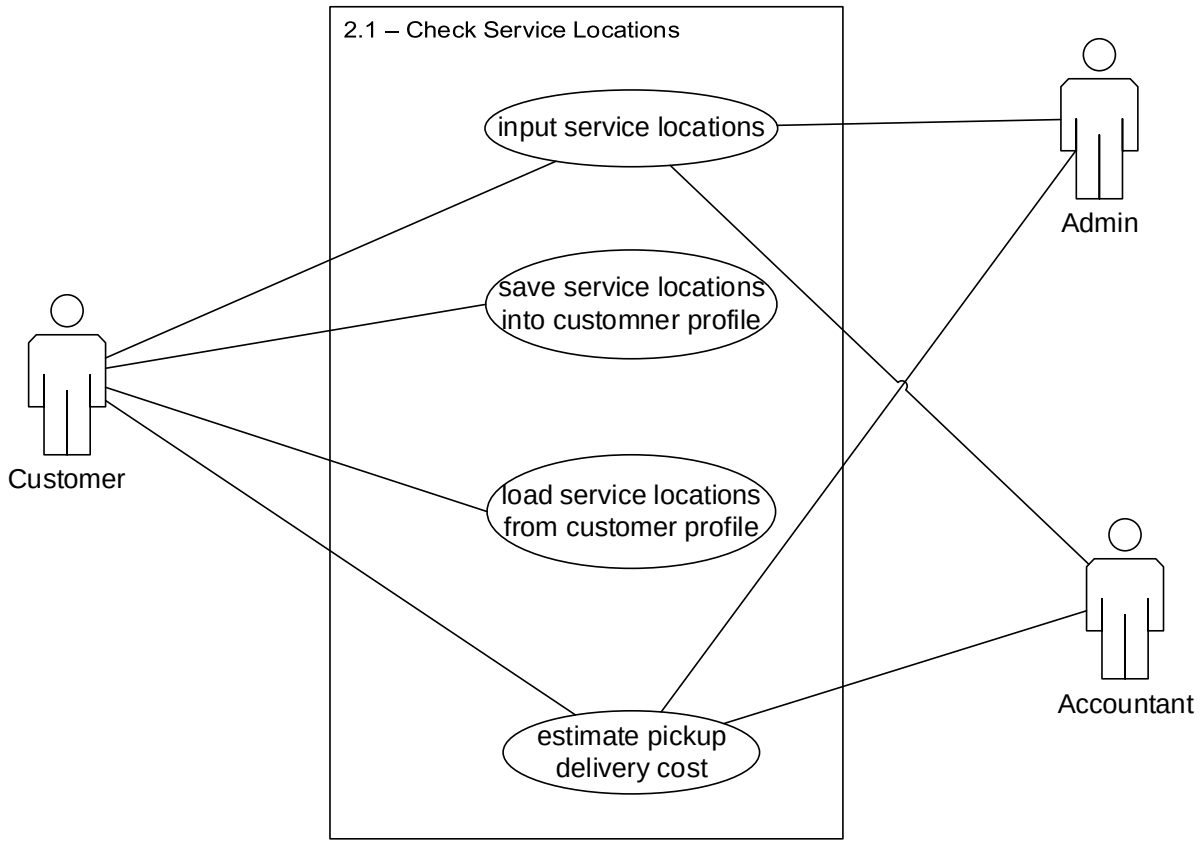
3.1.1.2. Use case Customer Process



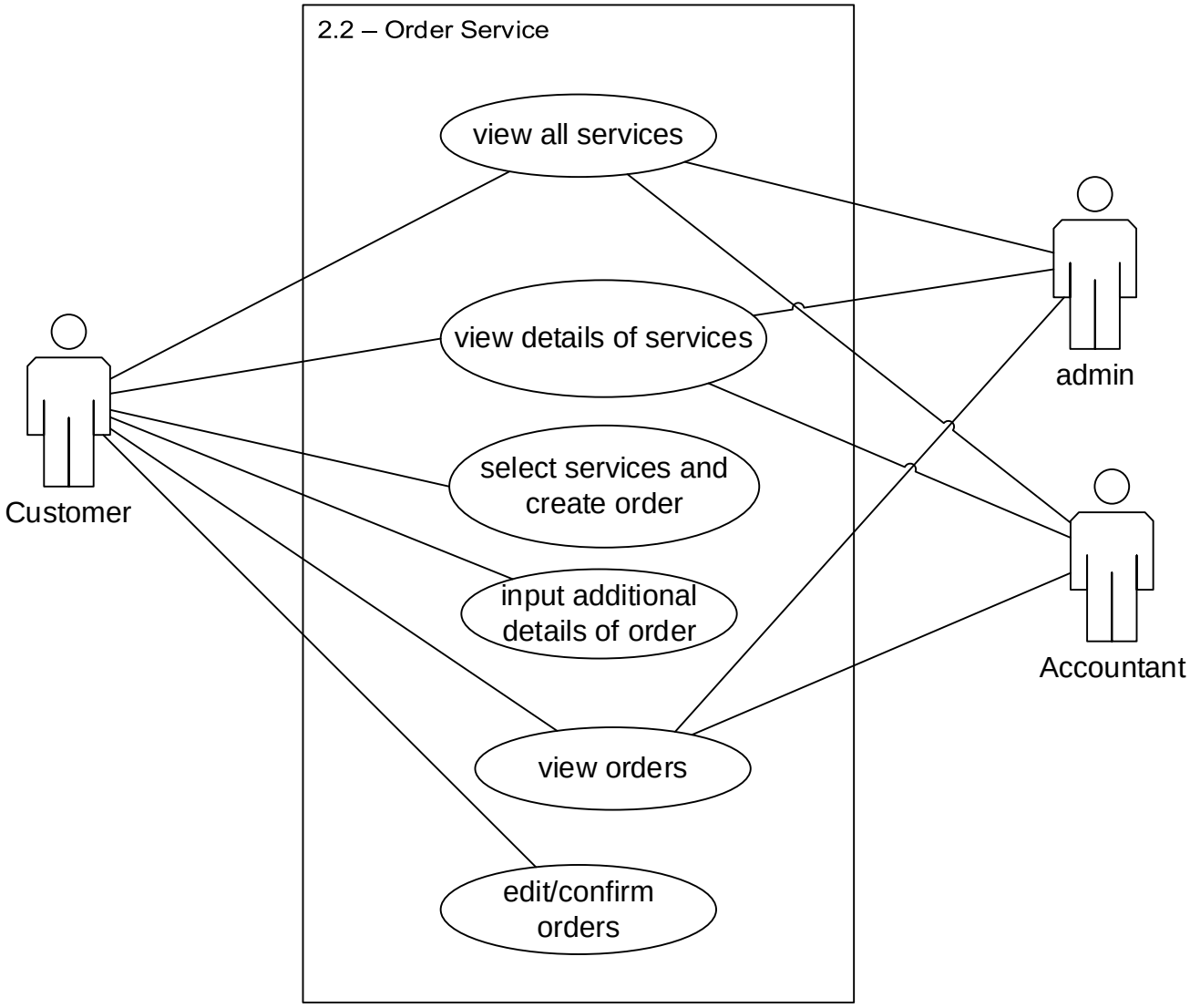
3.1.1.3. Use case Employee Process



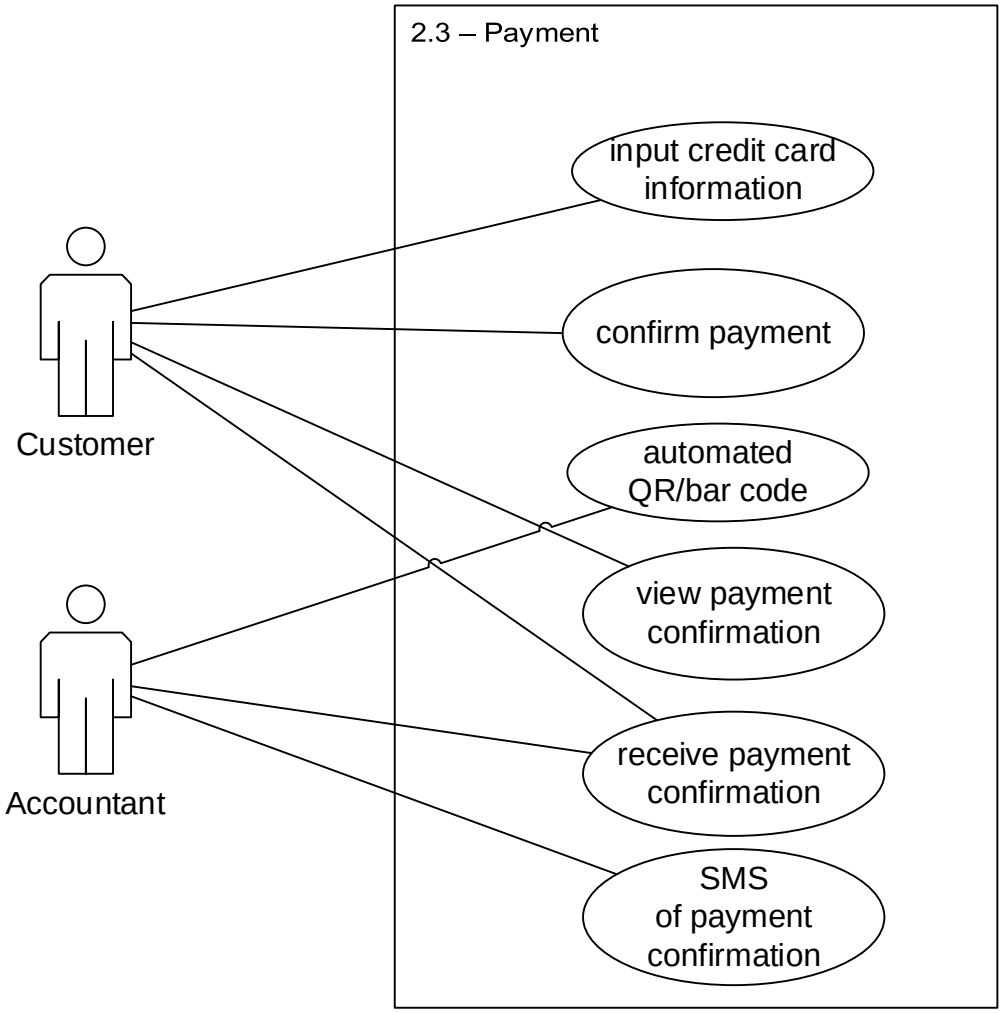
3.1.1.4. Use case Check Service Locations



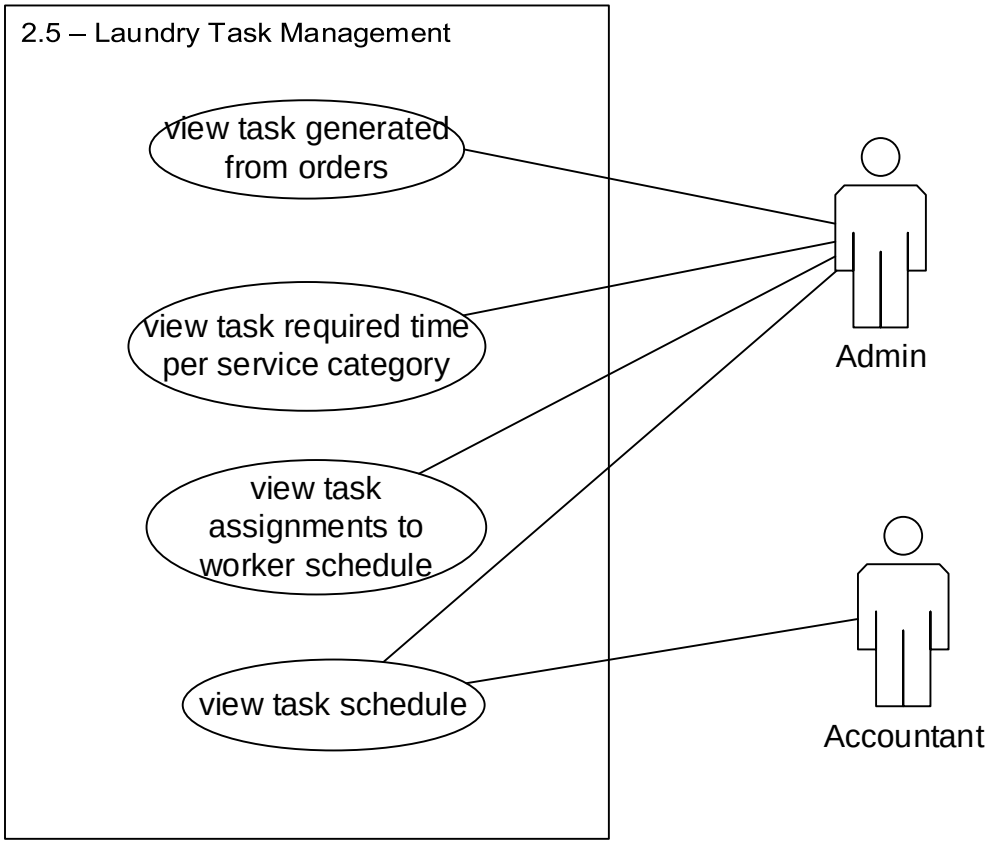
3.1.1.5. Use case Order Service



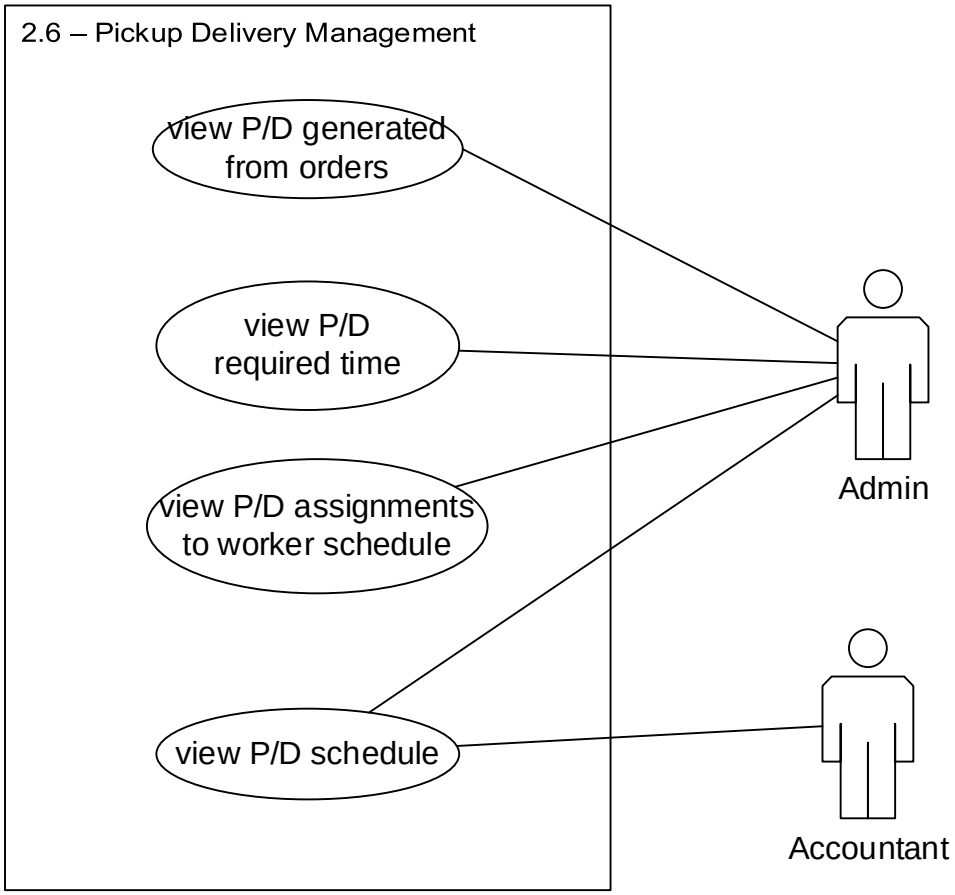
3.1.1.6. Use case Payment



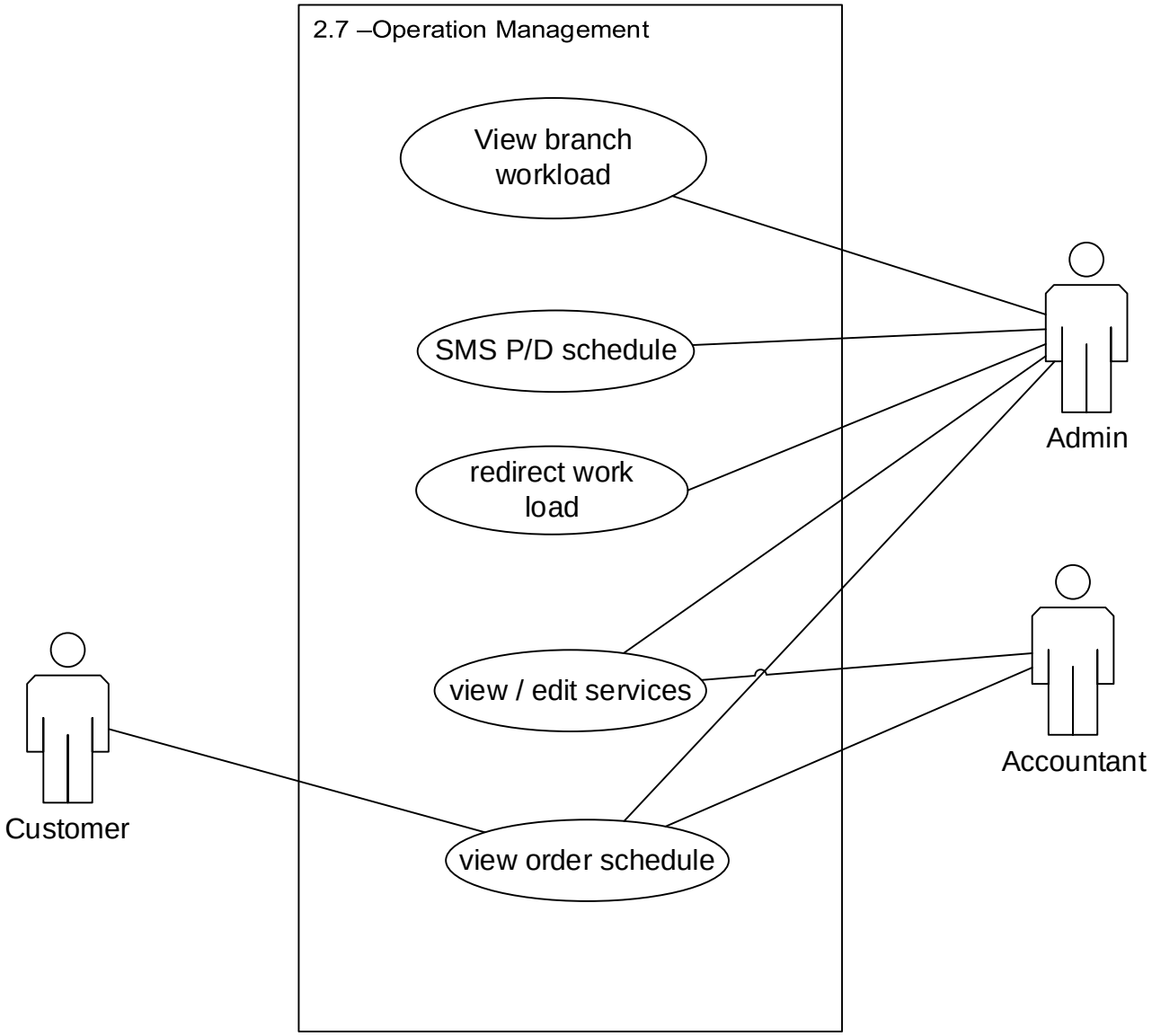
3.1.1.7. Use case Laundry Task Management



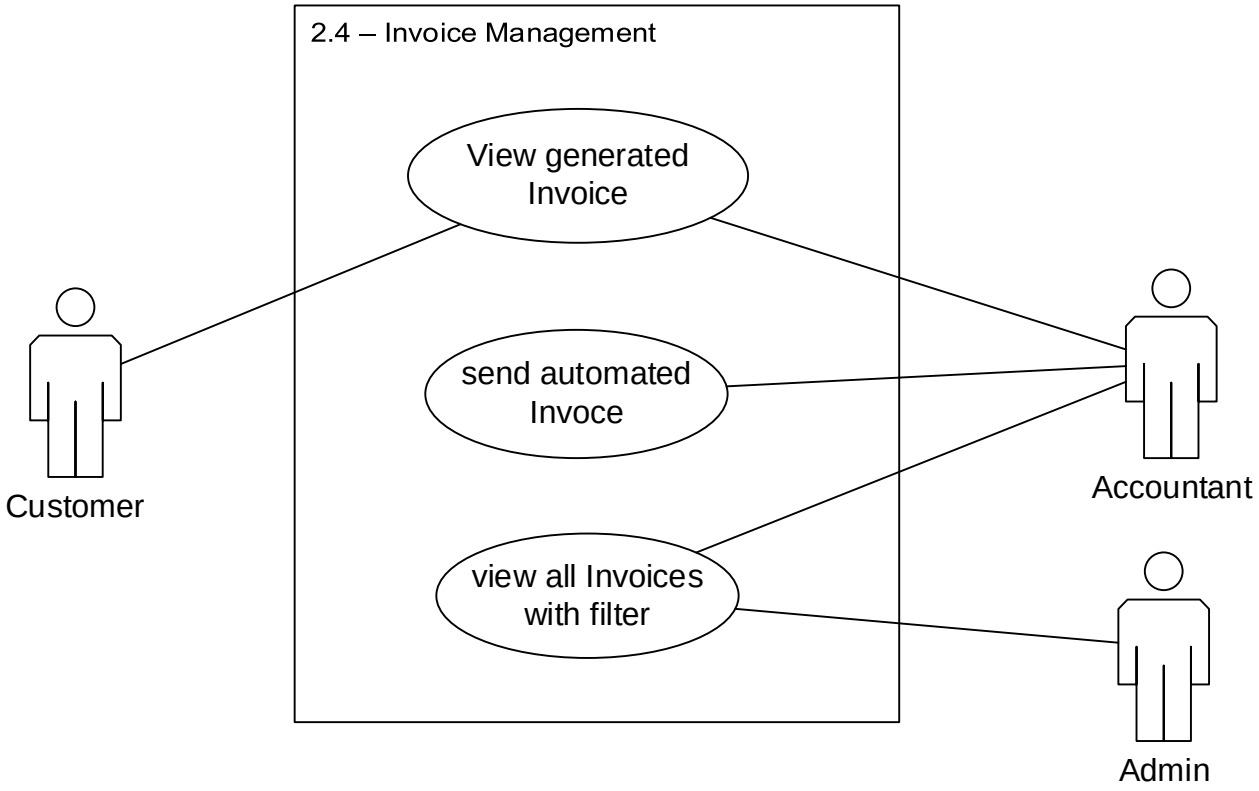
3.1.1.8. Use case Pickup Delivery Management



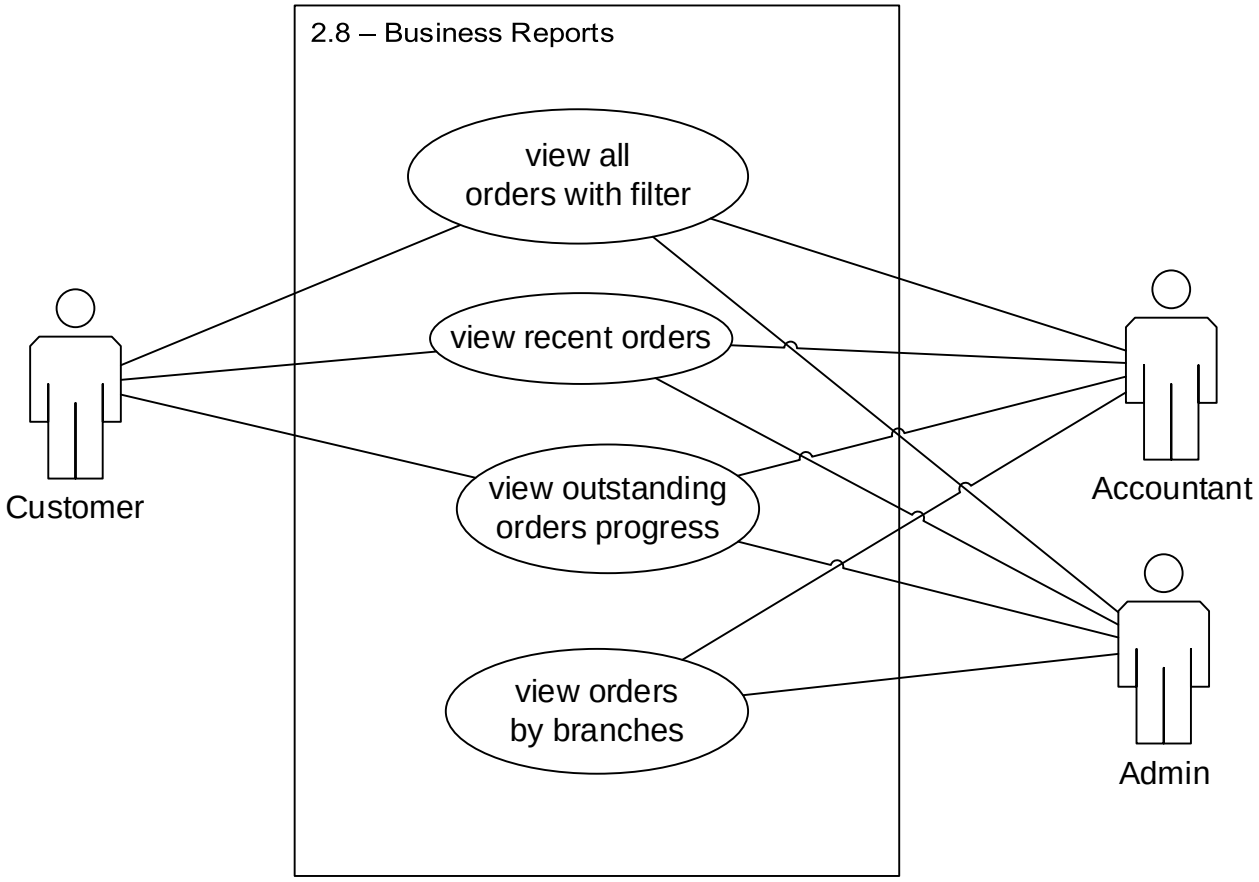
3.1.1.9. Use case Operation Management



3.1.1.10. Use case Invoice Management



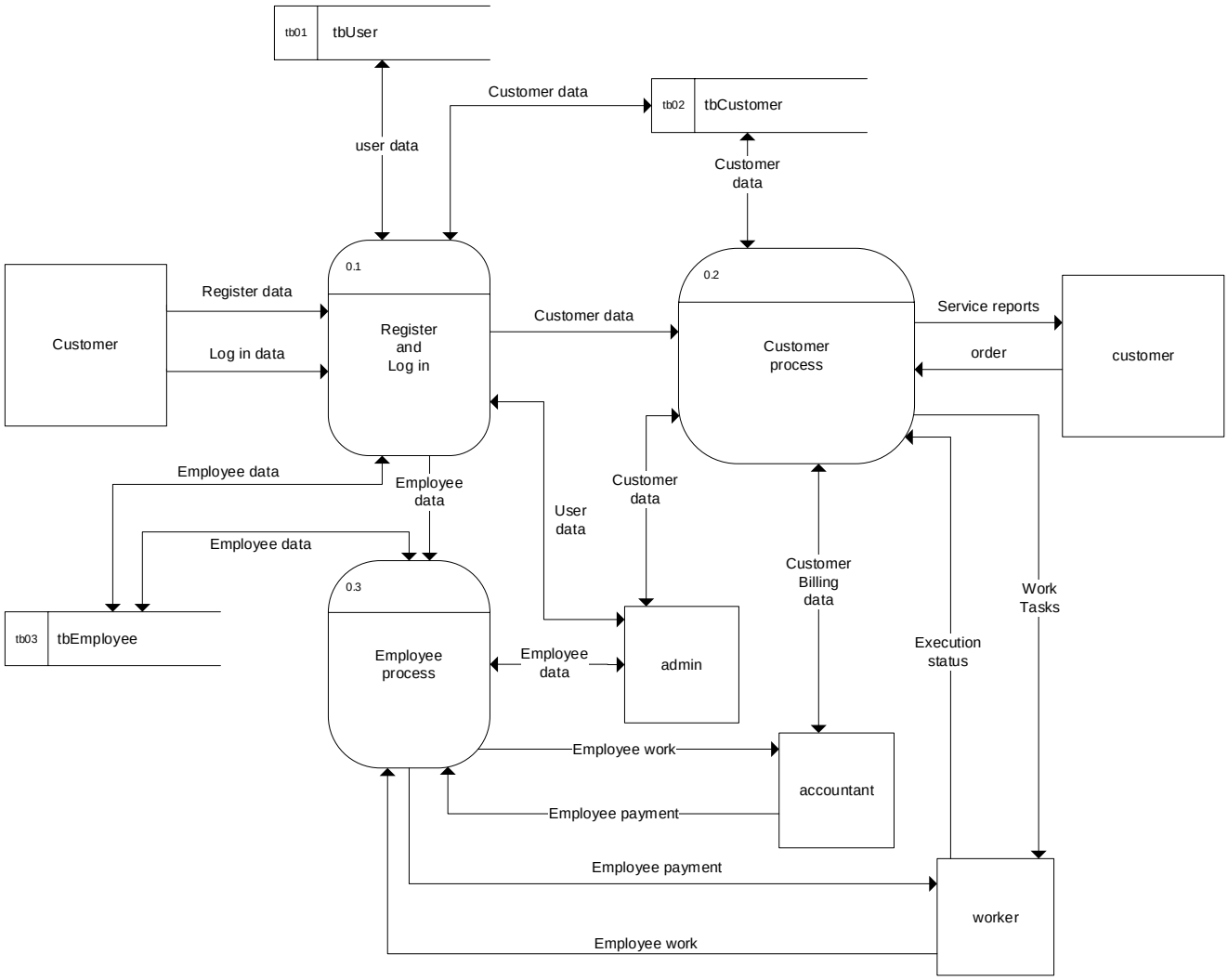
3.1.1.11. Use case Business Report Generation



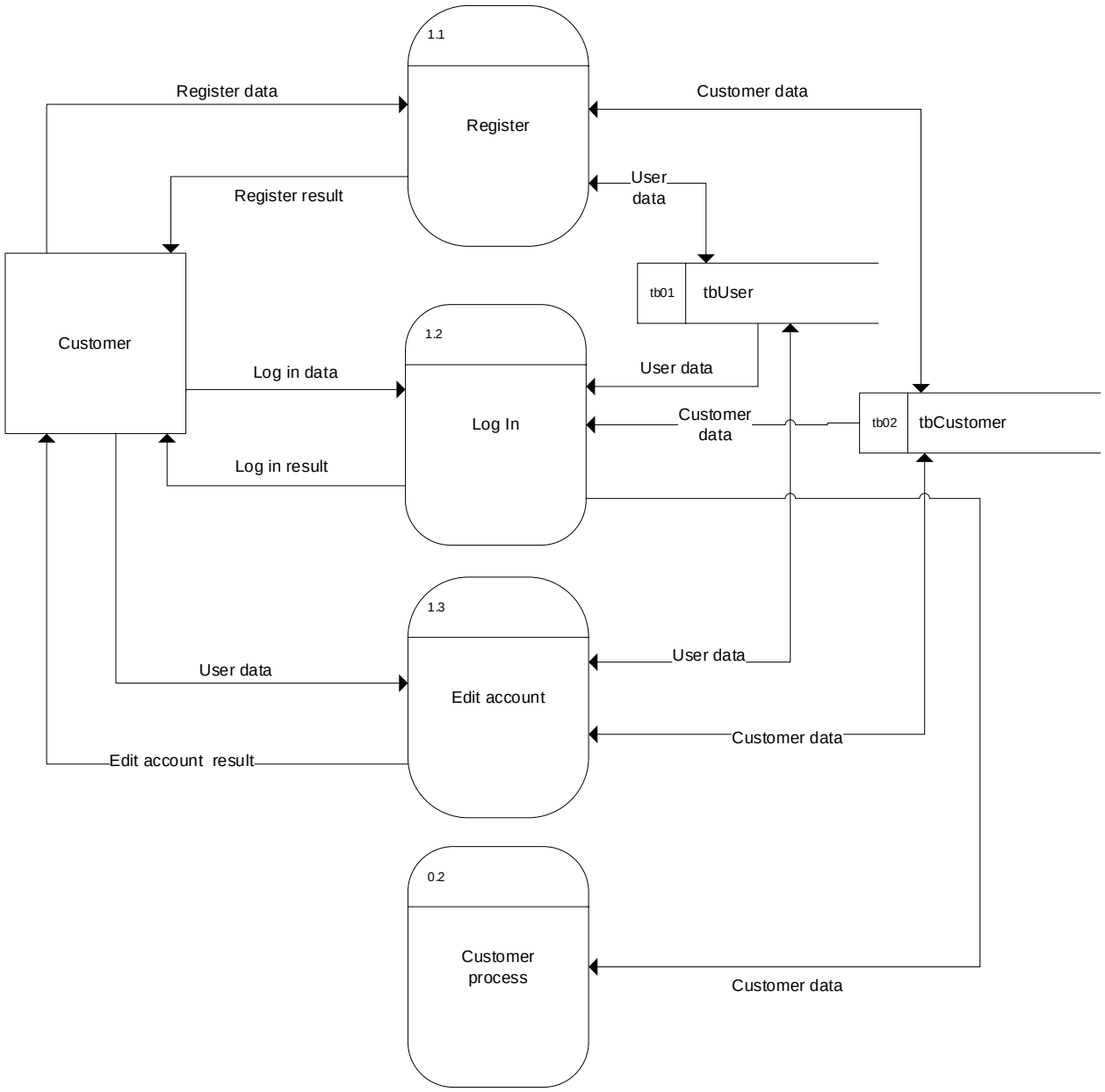
3.1.2. Data Flow Diagram – DFD

3.1.2.1. Context DFD

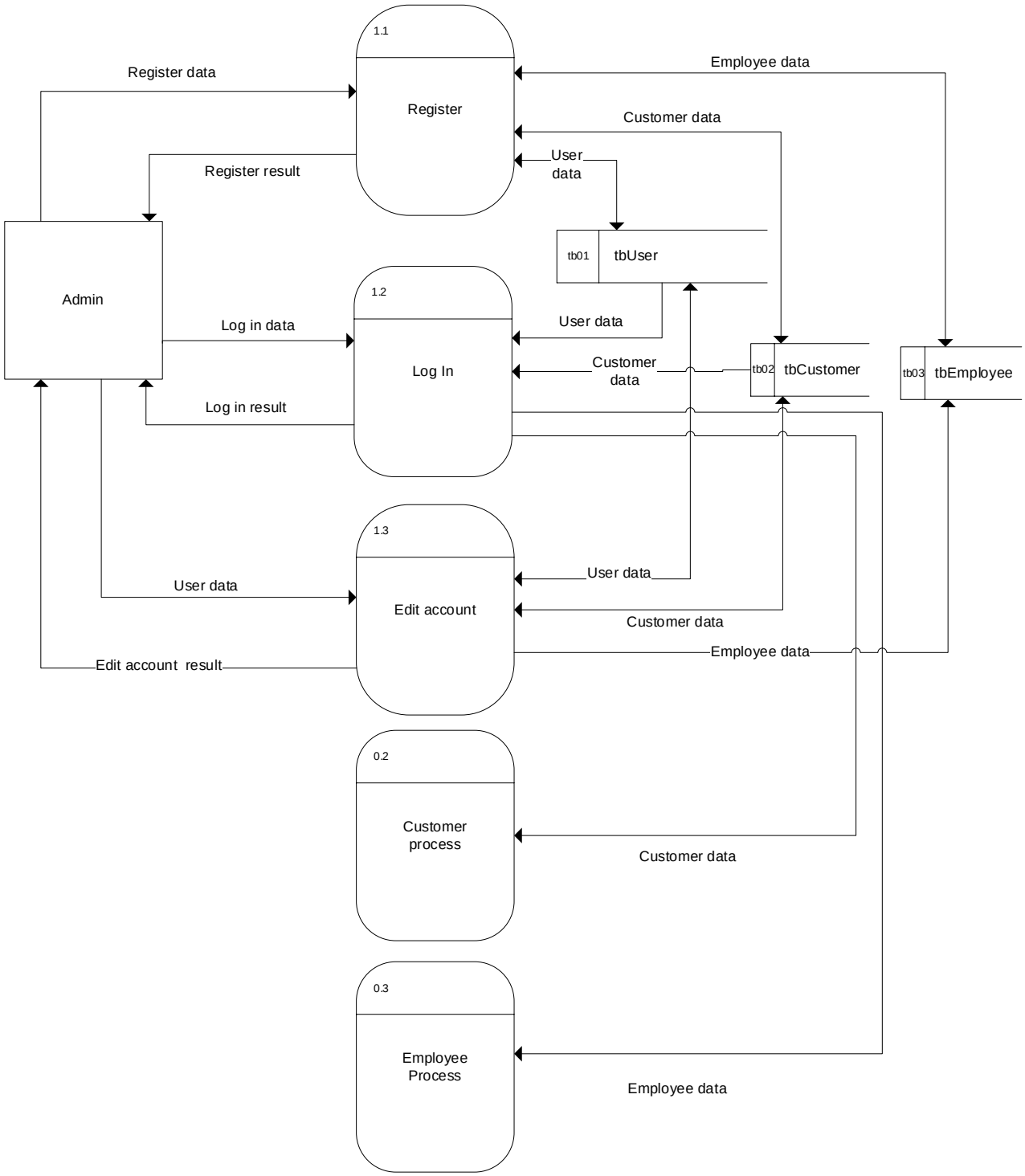
3.1.2.2. Level 0 DFD



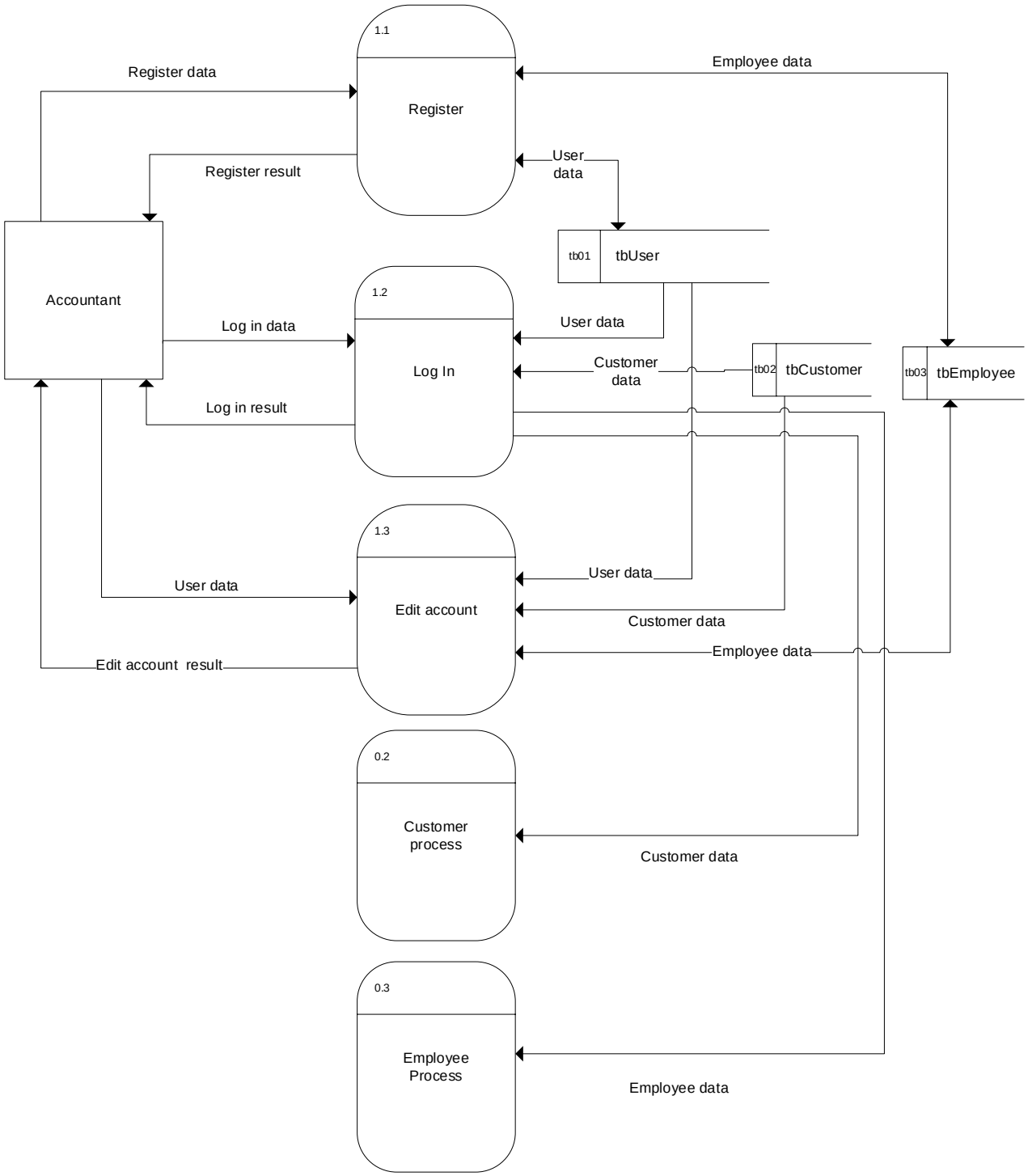
3.1.2.3. Level 1 DFD – 0.1Customer_Login



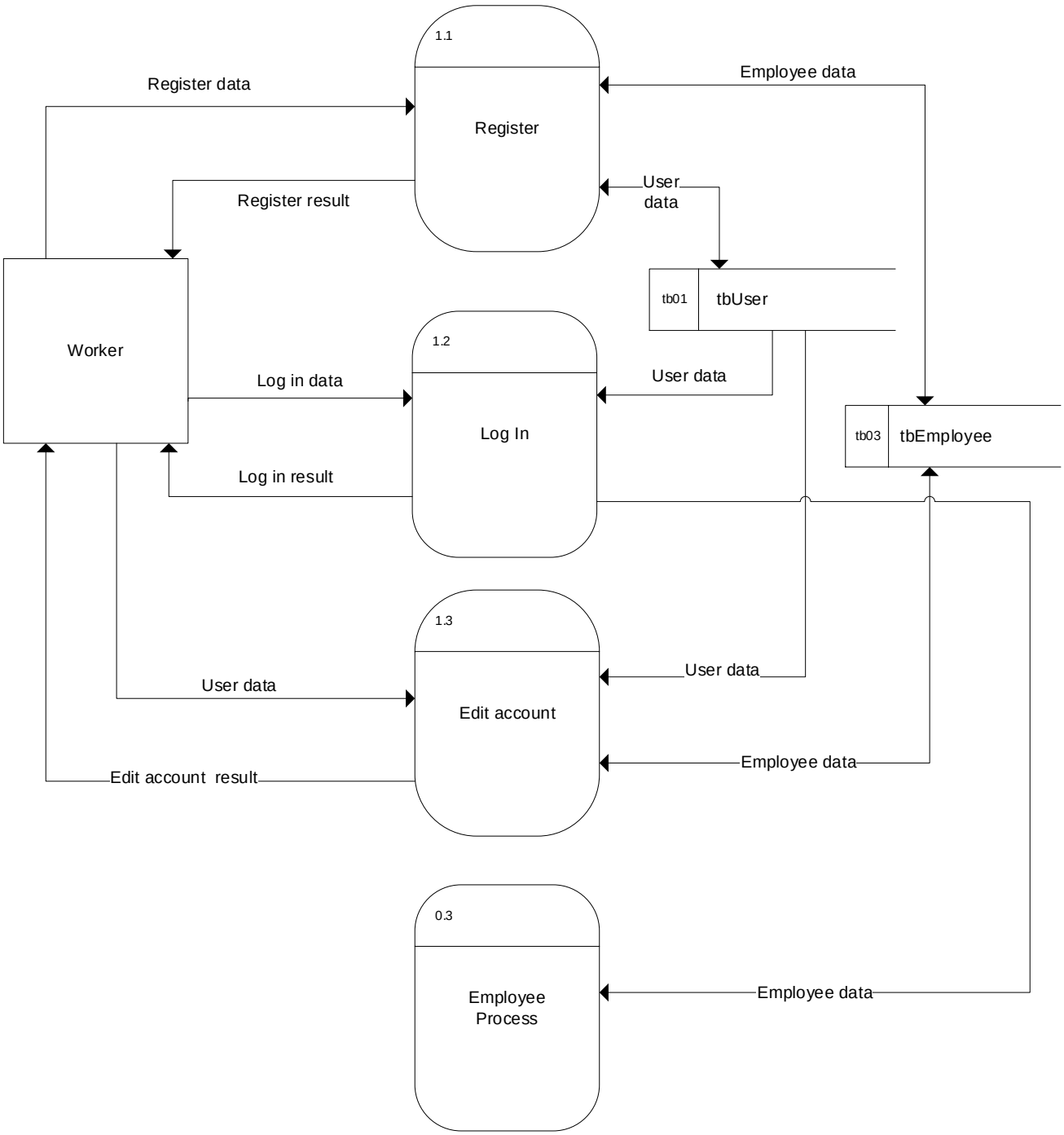
3.1.2.4. Level 1 DFD – 0.1Admin_Login



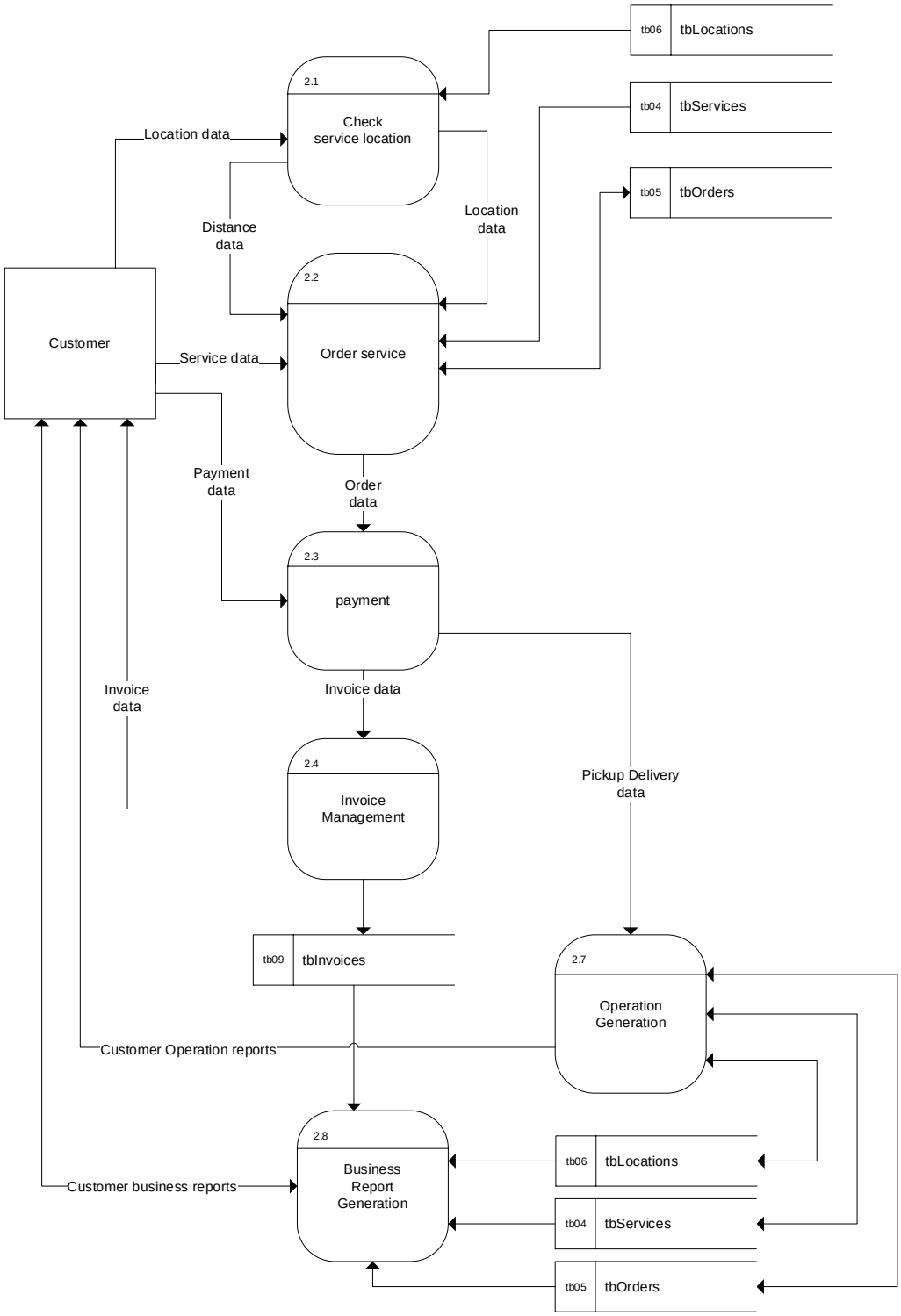
3.1.2.5. Level 1 DFD – 0.1Accountant_Login



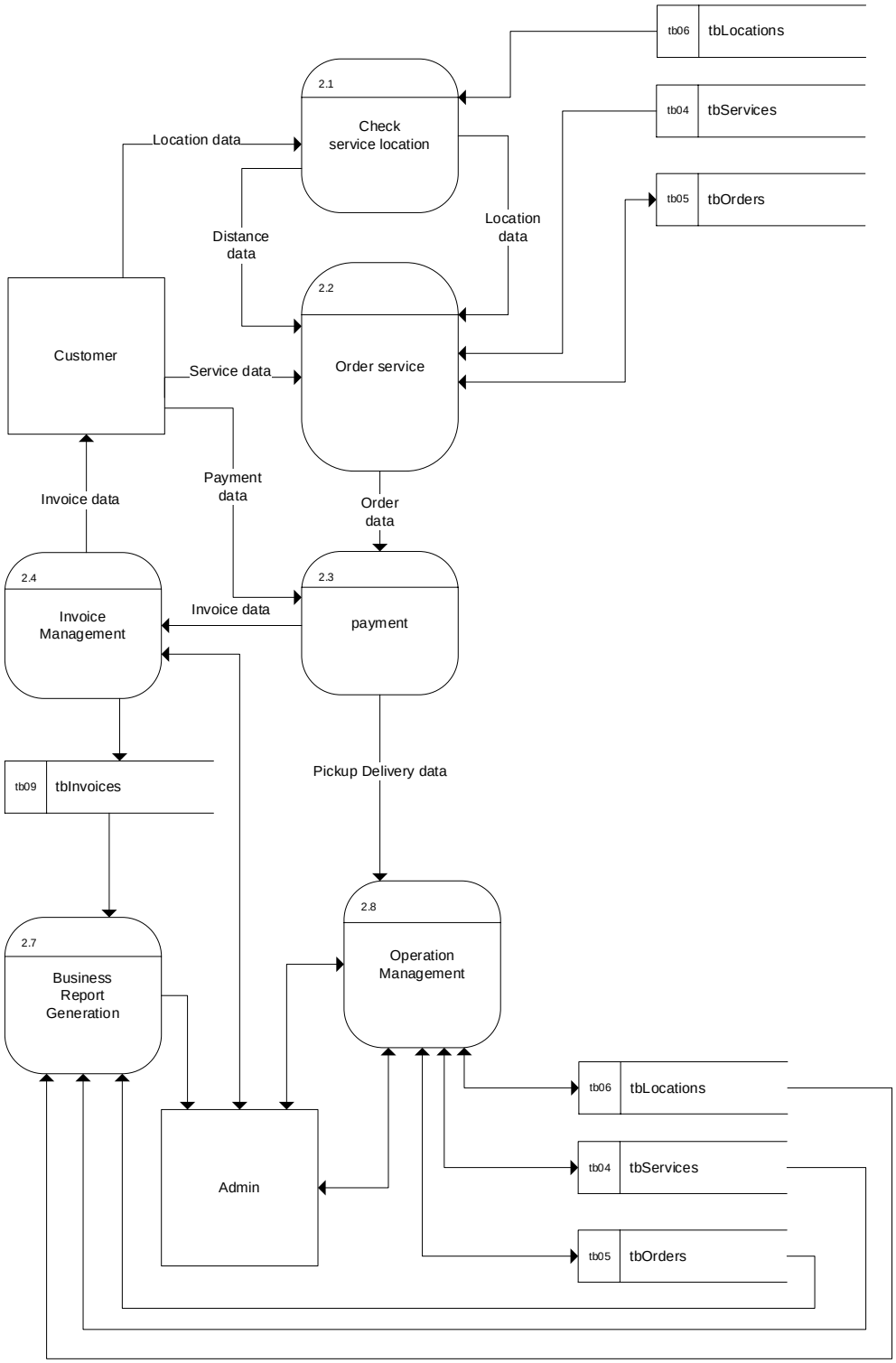
3.1.2.6. Level 1 DFD – 0.1Worker_Login



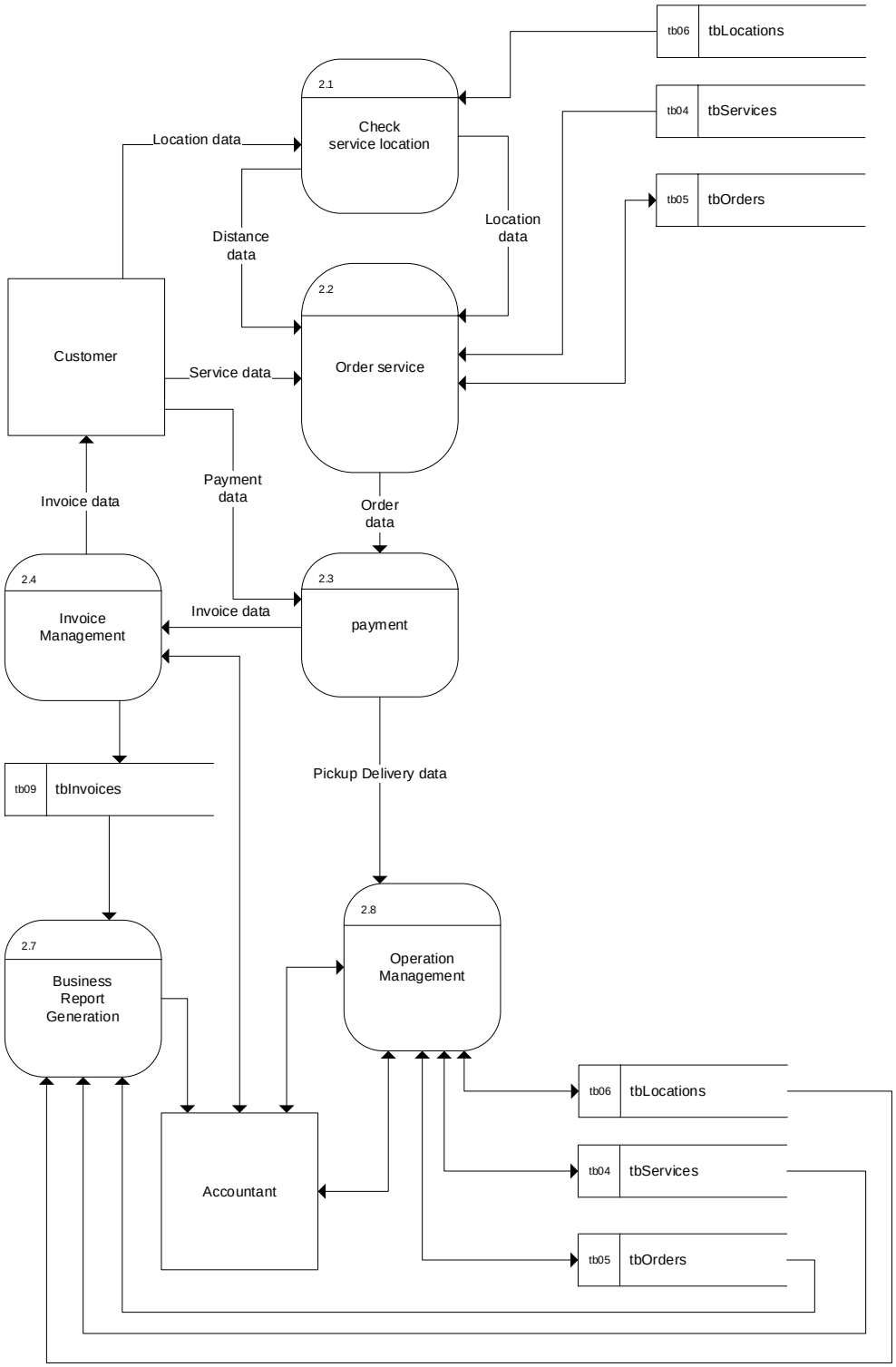
3.1.2.7. Level 1 DFD – 0.2Customer_CustomerProcess



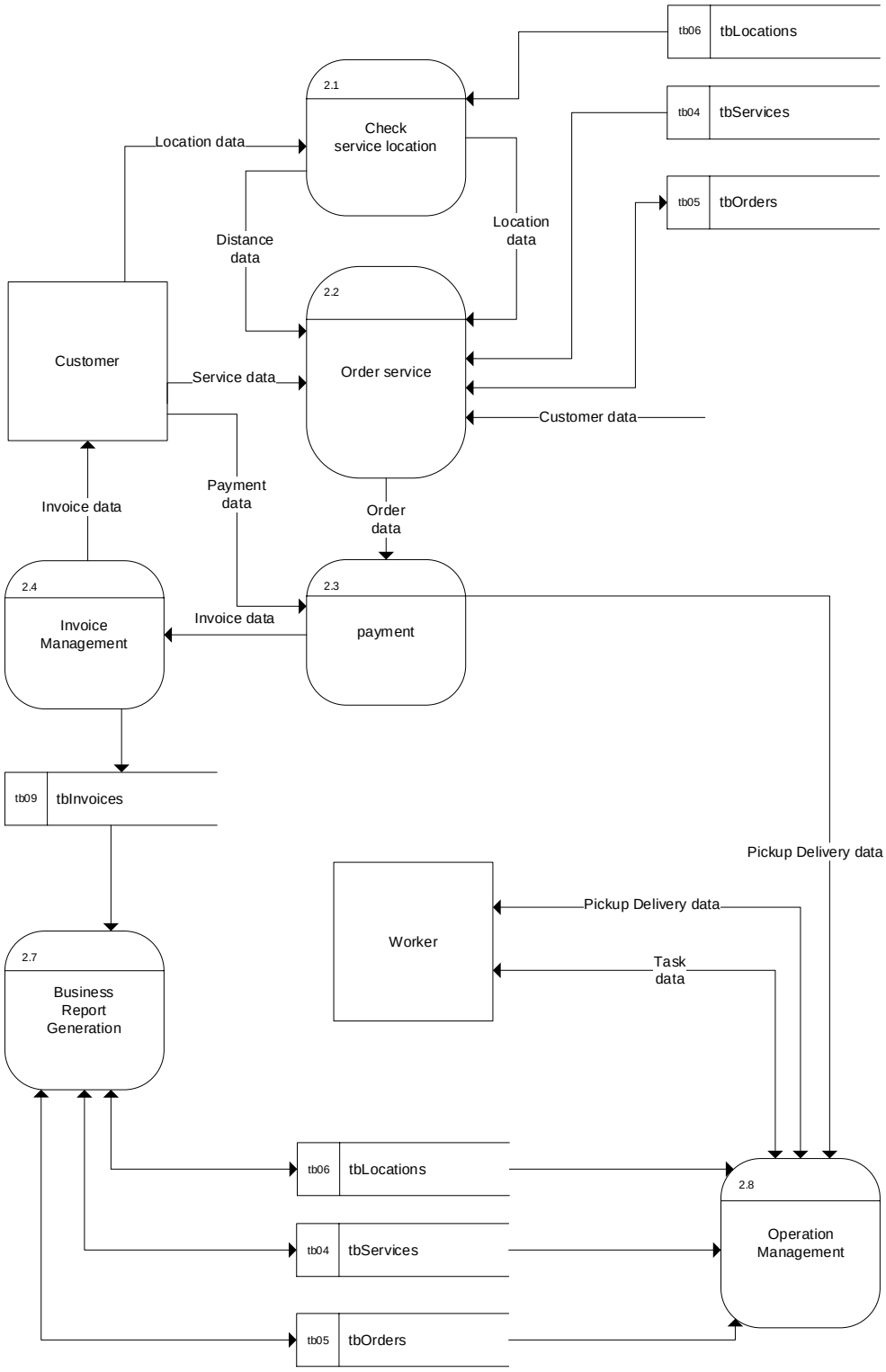
3.1.2.8. Level 1 DFD – 0.2Admin_CustomerProcess



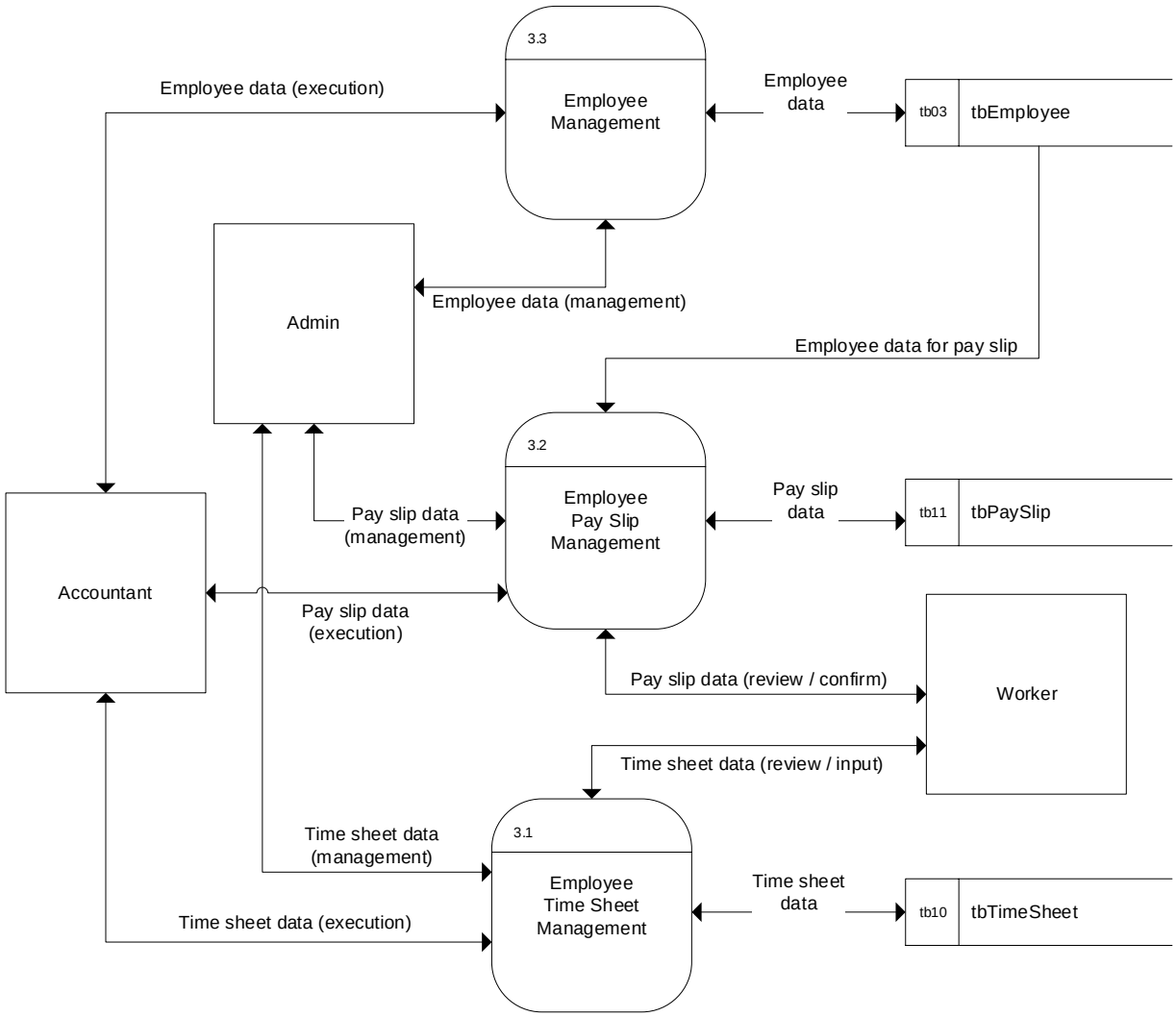
3.1.2.9. Level 1 DFD – 0.2Accountant_CustomerProcess



3.1.2.10. Level 1 DFD – 0.2Worker_CustomerProcess

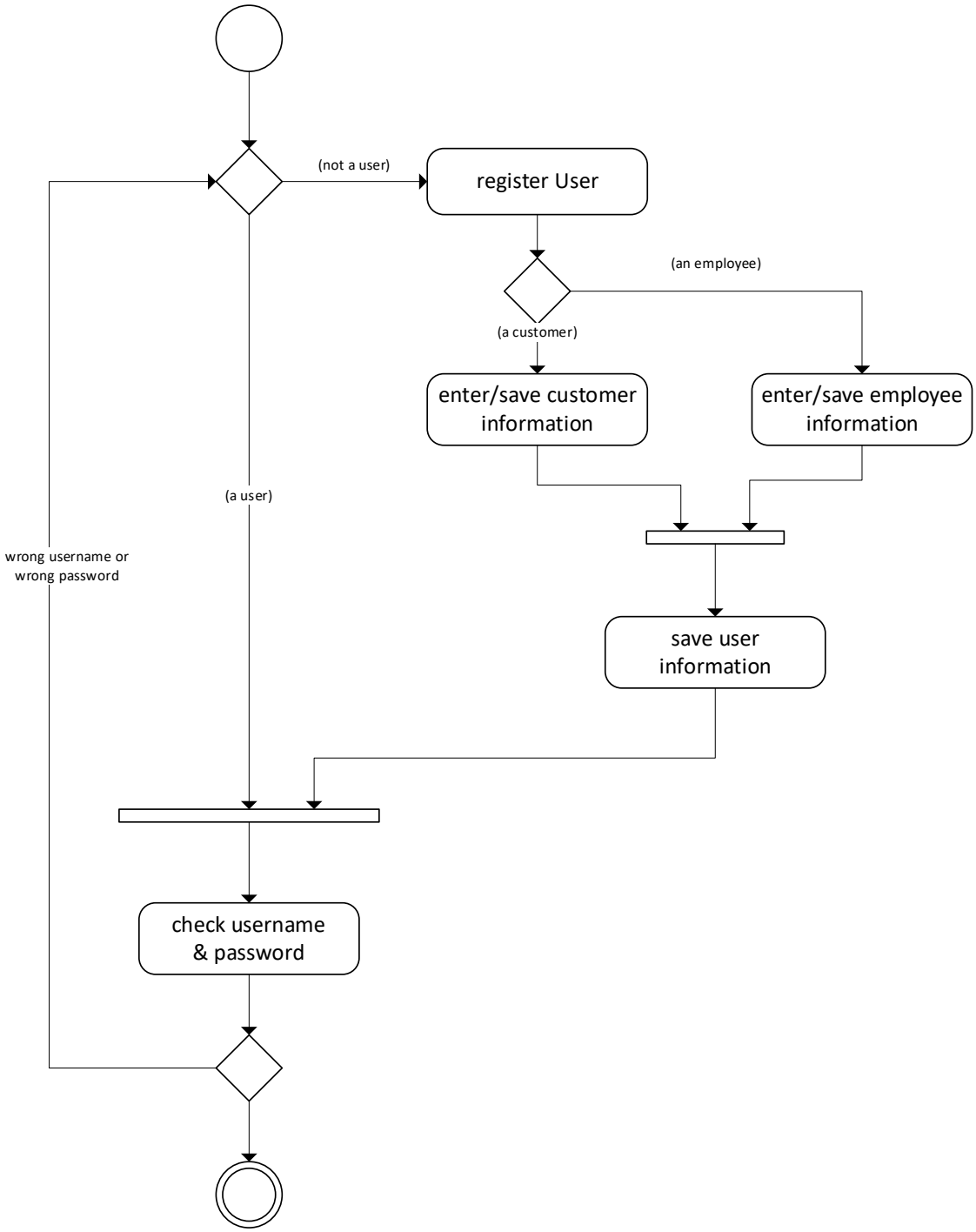


3.1.2.11. Level 1 DFD – 0.3_EmployeeProcess

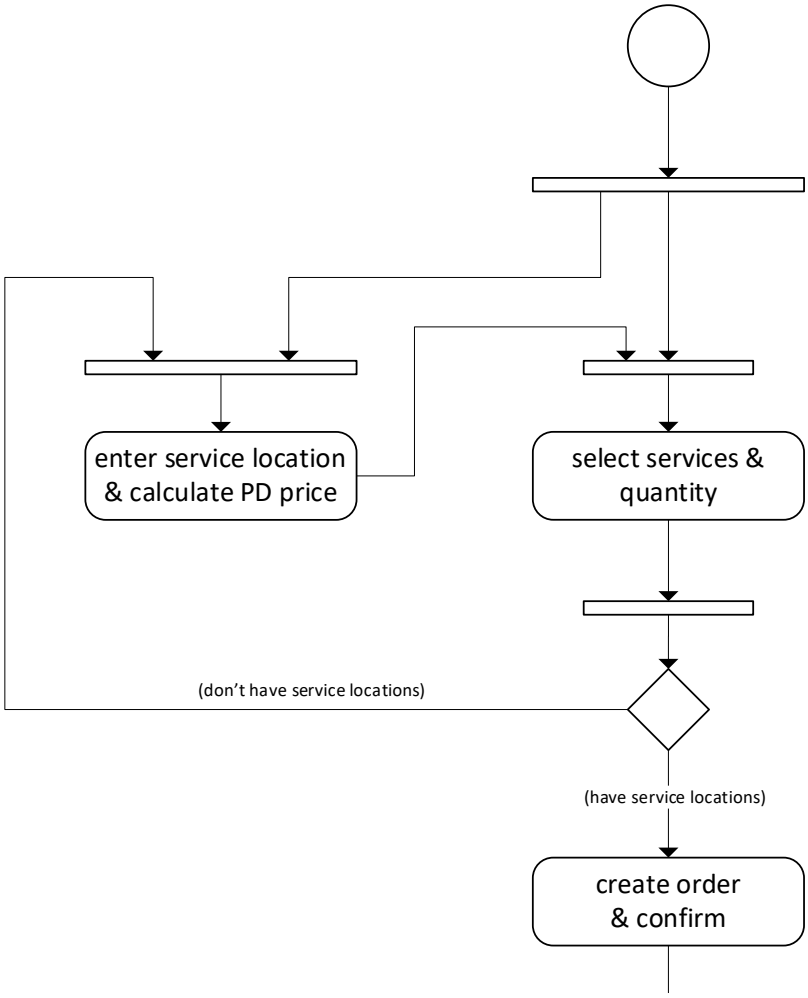


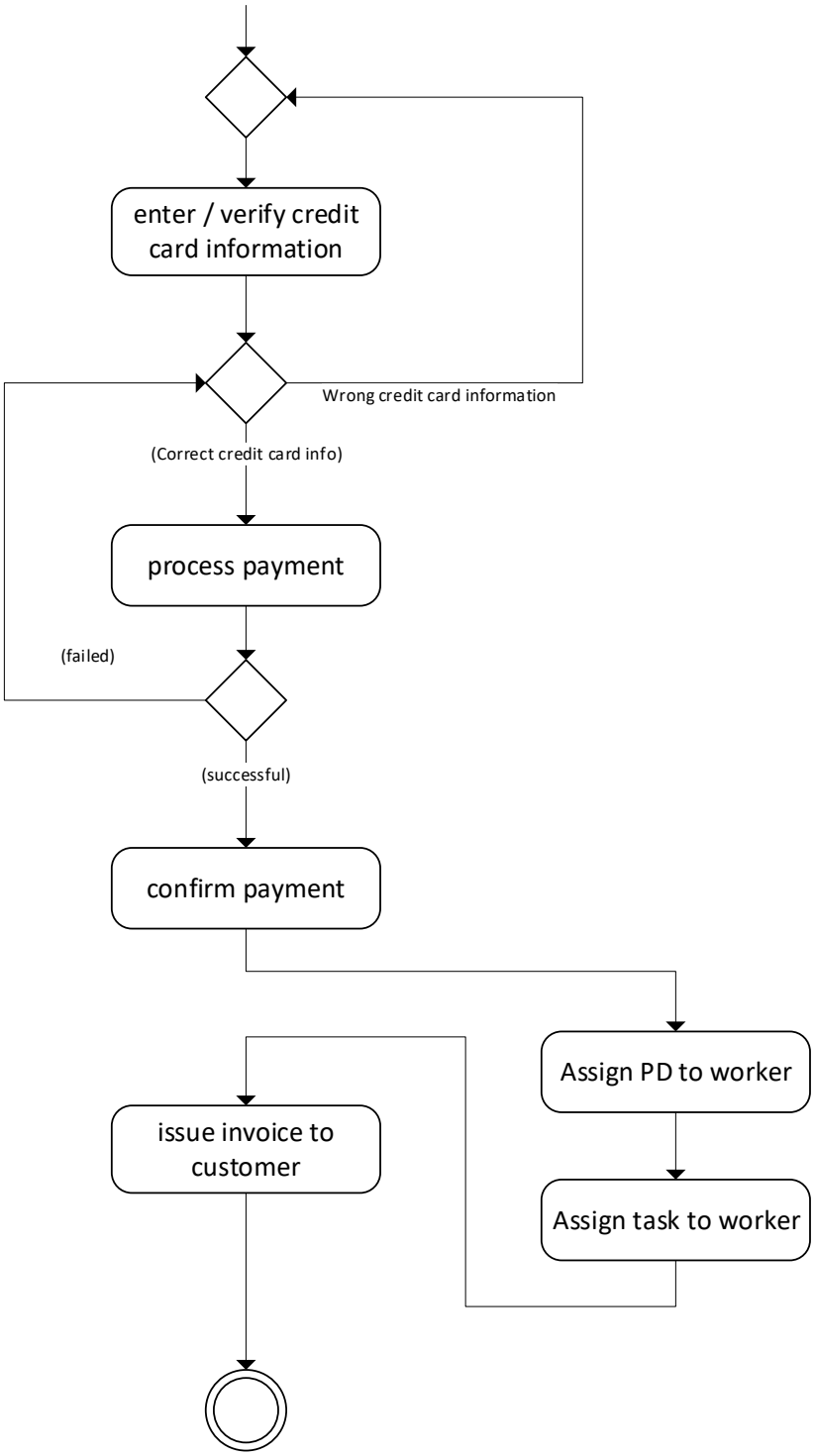
3.1.3. UML activity diagram

3.1.3.1. Activity diagram – 0.1 – Register and Login

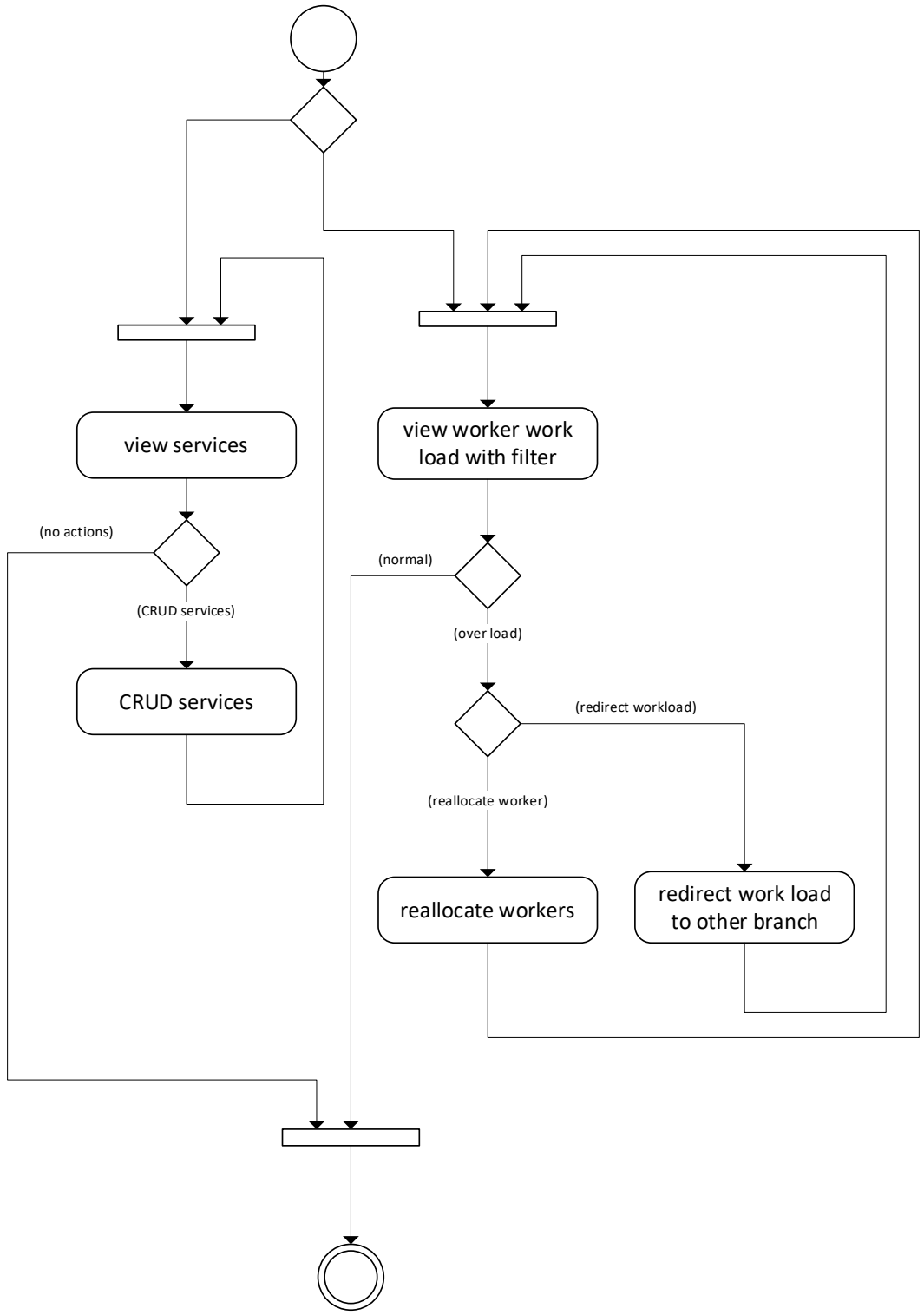


3.1.3.2. Activity diagram – 0.2 – Customer Process – Order Service

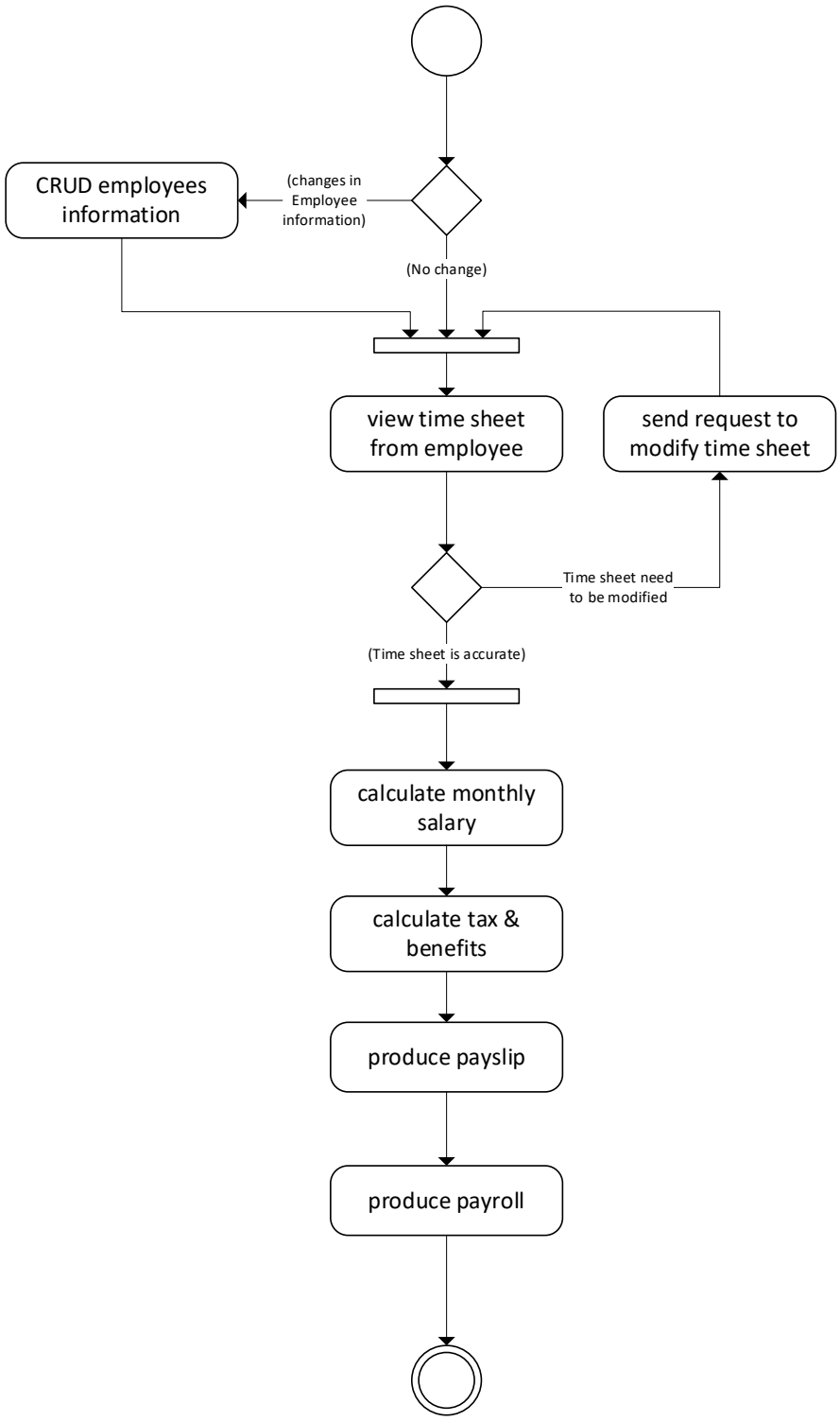



enter / verify credit card information
Wrong credit card information
(Correct credit card info)
process payment
(failed)
(successful)
confirm payment
Assign PD to worker
issue invoice to customer
Assign task to worker

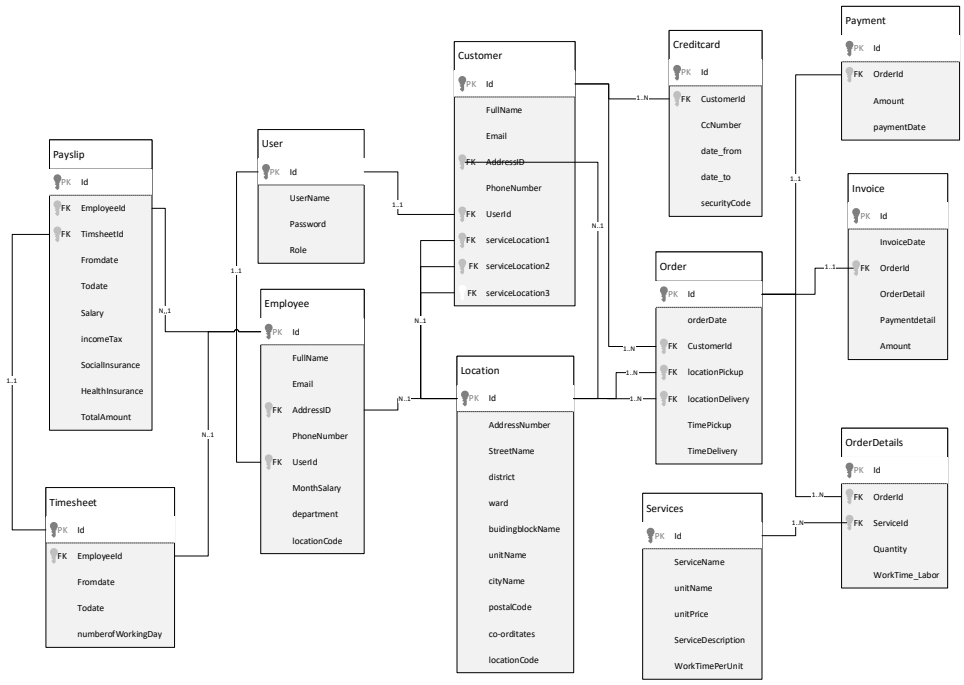
3.1.3.3. Activity diagram – 0.2 – Customer Process – Operation Management



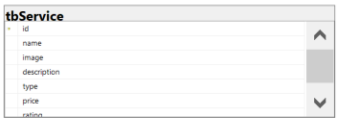
3.1.3.4. Activity diagram – 0.3 – Employee Process

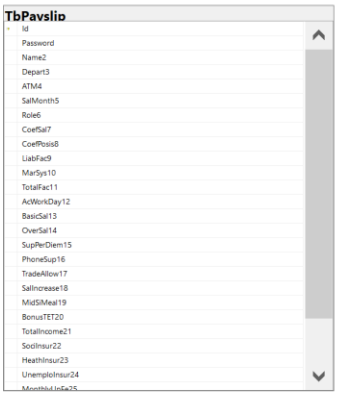


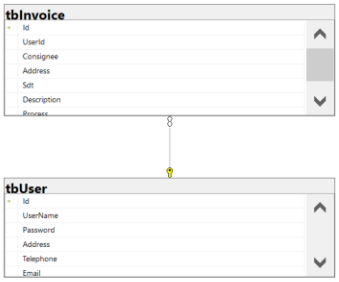
3.1.4. Entity Relationship Design



In the last version of building website, we use the following diagram with the same functions:







REVIEW 2– TASK SHEET

No.	Contents	Member	Activity Plan	Preparation	
			Start Date	Actual Days	Status
1	Use Case Diagram	Hoang Toan Thang Nguyen Ngoc Thach Quach Gia Lam Pham Anh Duc	10/03/2021	10	Completed
2	Data Flow Diagram				
3	UML Activity Diagram				
4	ERD				

Plan prepared by: Group 2
Group Leader

February 10th, 2020
Faculty

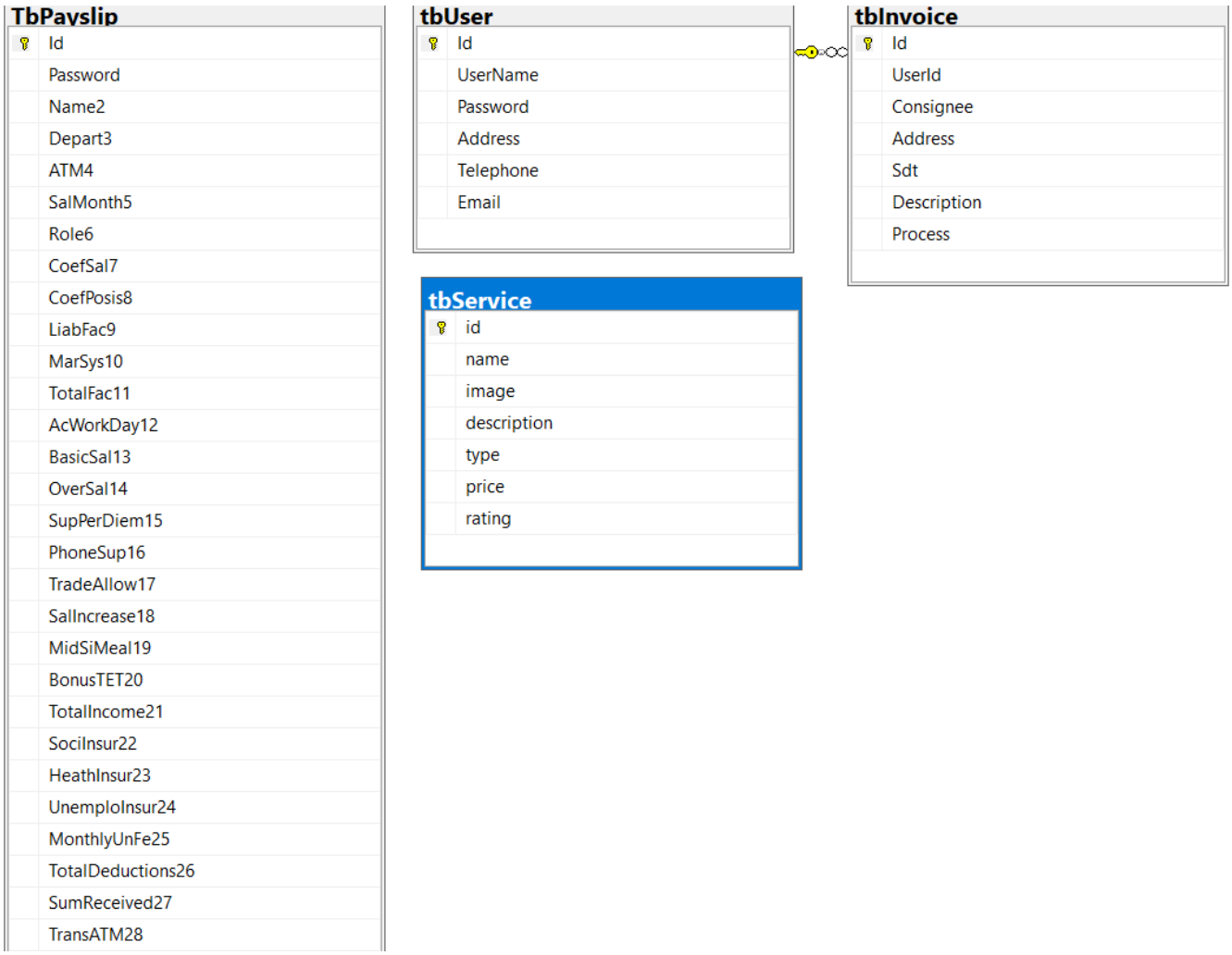
Hoang Toan Thang

Mr. Ngo Phuoc Nguyen

REVIEW 3

I. DATABASE DESIGN

1. Database design Diagram



2. Database Structure

a. tbInvoice

Key	Field Name	Data type	Null	Default	Reference Table	Description
PRIMARY KEY	Id	INT		IDENTITY (1, 1)	tbUser	id
	UserId	INT	x			User id
	Consignee	VARCHAR (30)	x			consignee

	Address	Text	x			address
	Sdt	VARCHAR (20)	x			telephone
	Description	Text	x			description
	Process	VARCHAR (40)	x			process

b. TbPayslip

Key	Field Name	Data type	Null	Default	Reference Table	Description
PRIMARY KEY	Id	VARCHAR (10)		001		Id
	Password	VARCHAR (30)	x	123		Password
	Name2	VARCHAR (50)	x			Receiver Name
	Depart3	VARCHAR (50)	x			Department
	ATM4	VARCHAR (50)	x			ATM account
	SalMonth5	date	x			Salary Monthly
	Role6	bit				Role
	CoefSal7	VARCHAR (30)	x			Coefficient Salary
	CoefPosis8	VARCHAR (30)	x			Coefficient of position allowance
	LiabFac9	VARCHAR (30)	x			Liability factor
	MarSys10	VARCHAR (30)	x			Marital system
	TotalFac11	VARCHAR (50)	x			Total factor
	AcWorkDay12	VARCHAR (30)	x			Actual workdays
	BasicSal13	VARCHAR (30)	x			Basic salary

	OverSal14	VARCHAR (30)	x			Overtime salary
	SupPerDiem15	VARCHAR (30)	x			Support per diem
	PhoneSup16	VARCHAR (30)	x			Phone funding support
	TradeAllow17	VARCHAR (30)	x			Trade union allowance
	SalIncrease18	VARCHAR (30)	x			Salary increase due to good consciousness
	MidSiMeal19	VARCHAR (30)	x			Mid shift meal
	BonusTet20	VARCHAR (30)	x			Bonuses for holidays and TET
	TotalIncome21	VARCHAR (50)	x			**Total incomes**
	SociInsur22	VARCHAR (30)	x			Social insurance
	HealthInsur23	VARCHAR (30)	x			Health insurance
	UnemploInsur24	VARCHAR (30)	x			Unemployment insurance
	MonthlyUnFe25	VARCHAR (30)	x			Monthly Union fee
	TotalDedution26	VARCHAR (50)	x			**Total deductions**
	SumReceived27	VARCHAR (50)	x			Amount received
	TransATM28	VARCHAR (50)	x			The amount transferred to ATM

c. tbService

Key	Field Name	Data type	Null	Default	Reference Table	Description
PRIMARY KEY	Id	INT		IDENTITY (1, 1)		id
	name	VARCHAR (30)	x			Name
	image	Text	x			Image
	descripstion	Text	x			Description
	type	VARCHAR (30)	x			Type service
	price	float	x			price
	rating	int	x			rate

d. tbUser

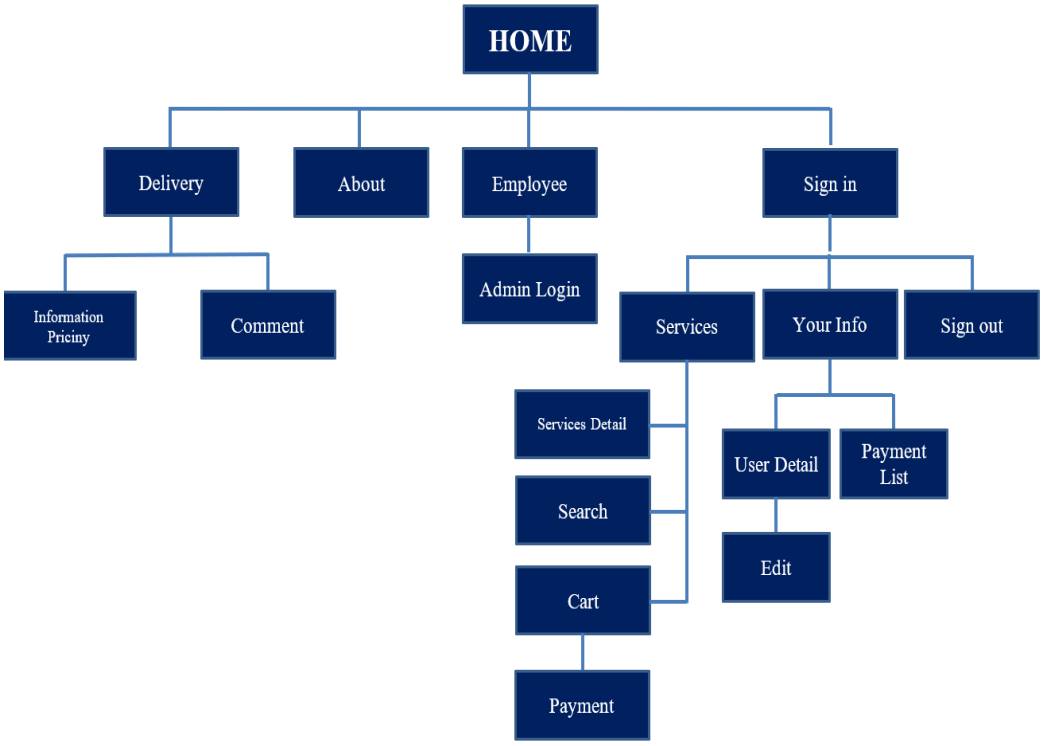
Key	Field Name	Data type	Null	Default	Reference Table	Description
PRIMARY KEY	Id	INT		IDENTITY (1, 1)		id
	UserName	VARCHAR (30)	x			User name
	Password	VARCHAR (30)	x			password
	Address	Text	x			address
	Telephone	VARCHAR (30)	x			telephone
	Email	VARCHAR (50)	x			email

II. Technology

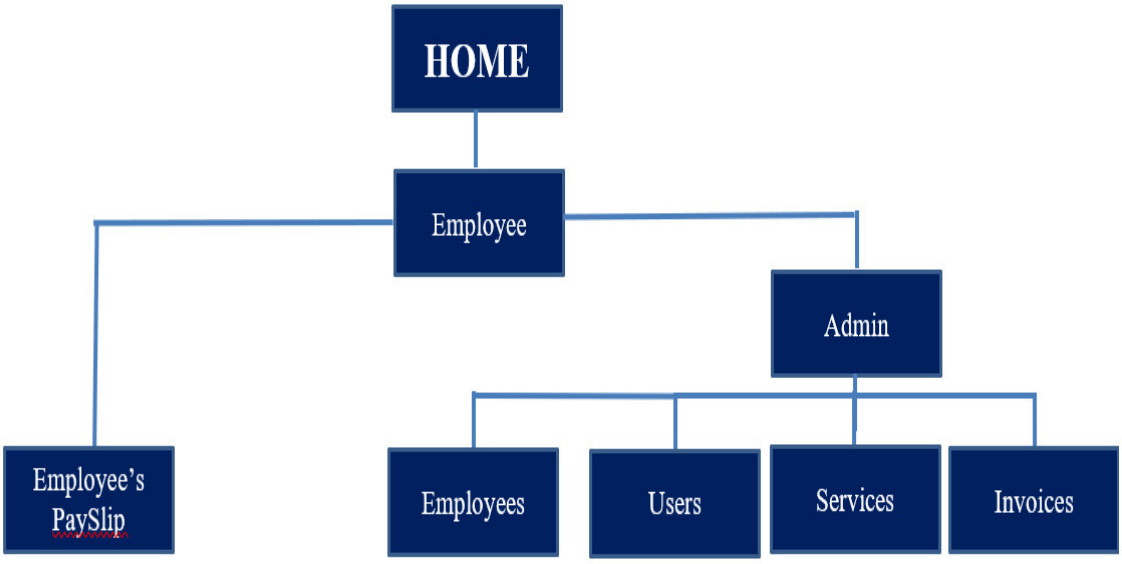
No	Component	Requirement
1	Front End	- Hyper-Text Markup Language (HTML5) - JavaScript - Cascading Style Sheets (CSS) - JQuery - Bootstrap 4, MDBootstrap - ReactJs - PayPal and SMS system
2	Back End	- ASP.NET Core and MVC framework - Structure Query Language Server (SQL Server) - Web API; Database first method

III. Site map

1. Cilient Site map



2. Admin Site map



IV. Screen Shot

1. Home

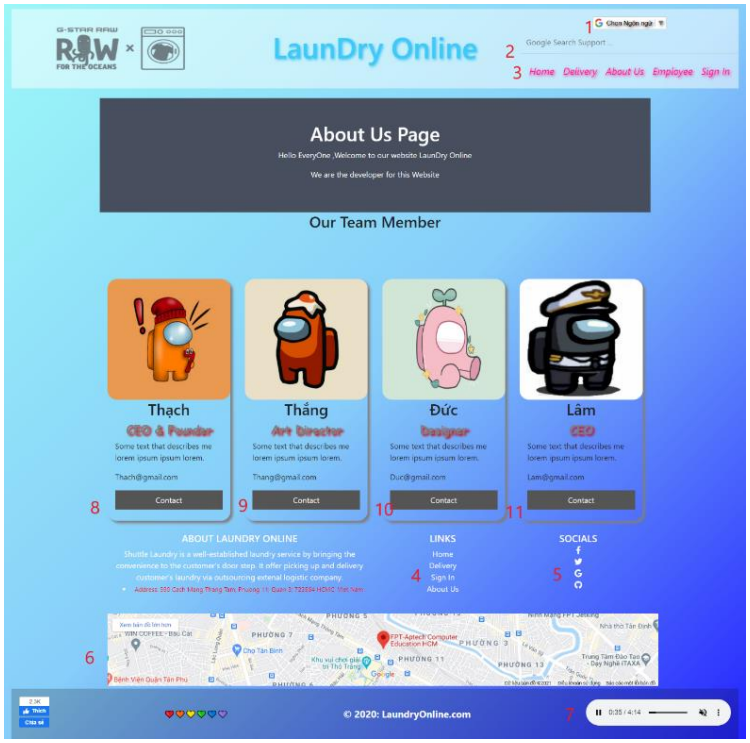
LaunDry Online
1
2
3
Home
Delivery
About Us
Employee
Sign in
Free Pick Up &
Delivery
8
LOGIN
WHY CHOOSE US !
Easy Contact
Affordable Pricing
Reliable & Hassle-
Free Service
ABOUT LAUNDRY ONLINE
LINKS
Home
Delivery
Sign in
About Us
4
SOCIALS
5
6
© 2020: LaundryOnline.com
7

No	Name	Type	Validation	Event	Description	Status
1	Language	Select-box		Click	Choose your language	Enable
2	Google Search Support	Input-hyperlink		Focus	Link to google.com	Enable
3	Navigation bar	Hyperlink		Click	Choose and go to page	Enable
4	LINKS	Hyperlink		Click	Choose and go to page	Enable
5	SOCIALS	Hyperlink		Click	Link to Facebook, Twitch, Google, GitHub	Enable
6	MAP	Hyperlink		Click	The location of the shop	Enable
7	Music	Button		Click	Music	Enable
8	Login	Button		Click	Click to go to Login/ Register page	Enable

2. Delivery

No	Name	Type	Validation	Event	Description	Status
1	Language	Select-box		Click	Choose your language	Enable
2	Google Search Support	Input-hyperlink		Focus	Link to google.com	Enable
3	Navigation bar	Hyperlink		Click	Choose and go to page	Enable
4	LINKS	Hyperlink		Click	Choose and go to page	Enable
5	SOCIALS	Hyperlink		Click	Link to Facebook, twitch, Google, GitHub	Enable
6	MAP	Hyperlink		Click	The location of the shop	Enable
7	Music	Button		Click	Listen music	Enable
8	Contact Us	Button		Click	Click to go to Mail	Enable
9	Comment	Input		Focus	Input your comment	Enable

3. About Us



No	Name	Type	Validation	Event	Description	Status
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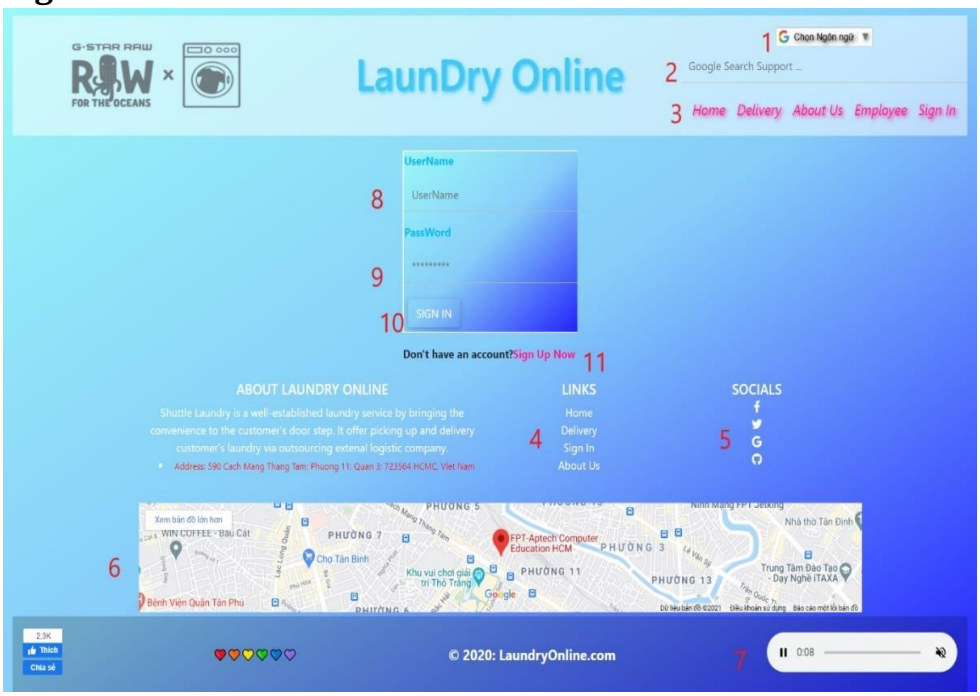
2	Google Search Support	Input-hyperlink		Focus	Link to google.com	Enable
3	Navigation bar	Hyperlink		Click	Choose and go to page	Enable
4	LINKS	Hyperlink		Click	Chooes and go to page	Enable
5	SOCIALS	Hyperlink		Click	Link to Facebook, Twitch, Google, GitHub	Enable
6	MAP	Hyperlink		Click	The location of the shop	Enable
7	Music	Button		Click	Listen music	Enable
8	Contact	Button		Click	Mail to Thach@gmail.com	Enable
9	Contact	Button		Click	Mail to Thang@gmail.com	Enable
10	Contact	Button		Click	Mail to Duc@gmail.com	Enable
11	Contact	Button		Click	Mail to Lam@gmail.com	Enable

4. Sign In



No	Name	Type	Validation	Event	Description	Status
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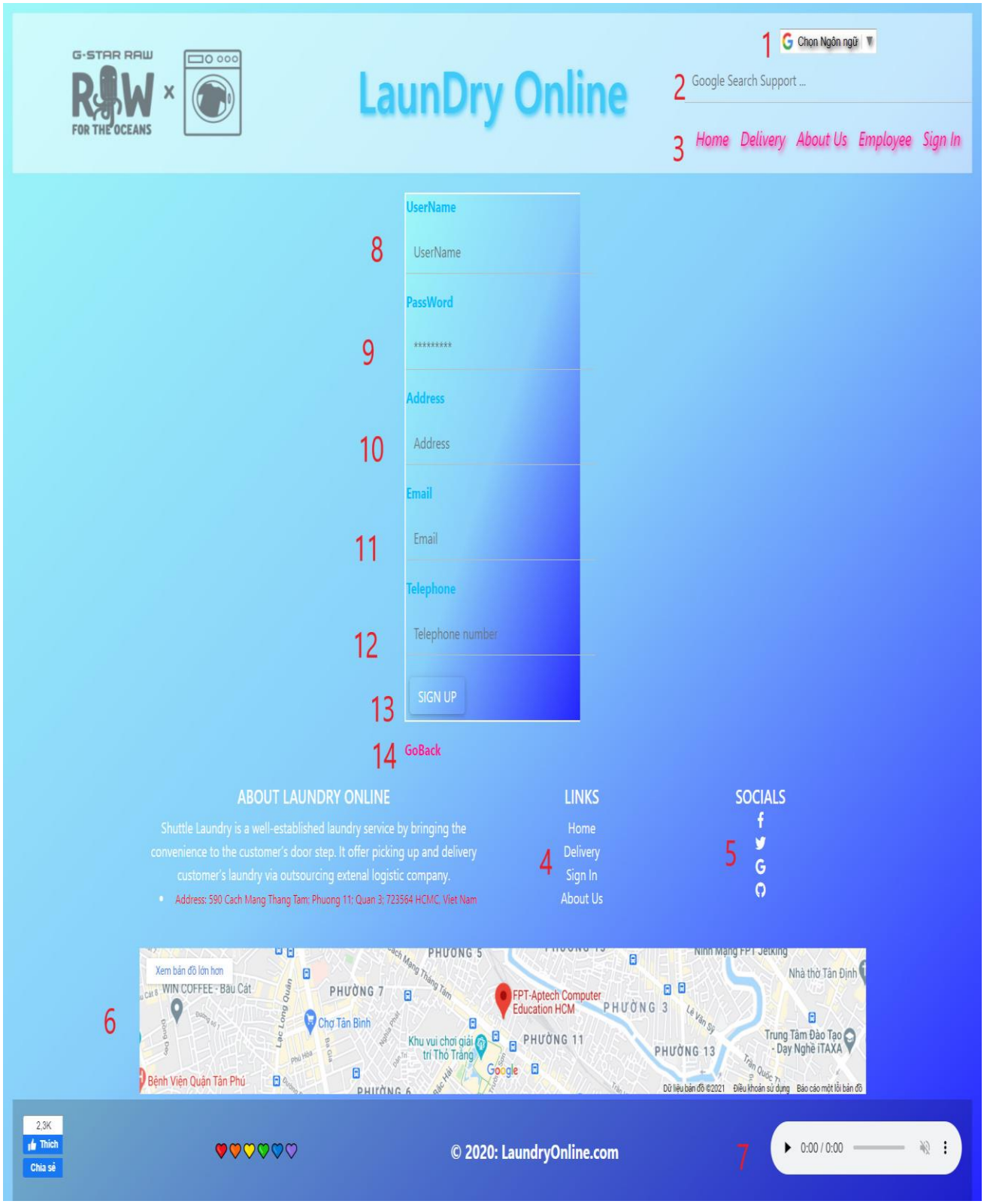
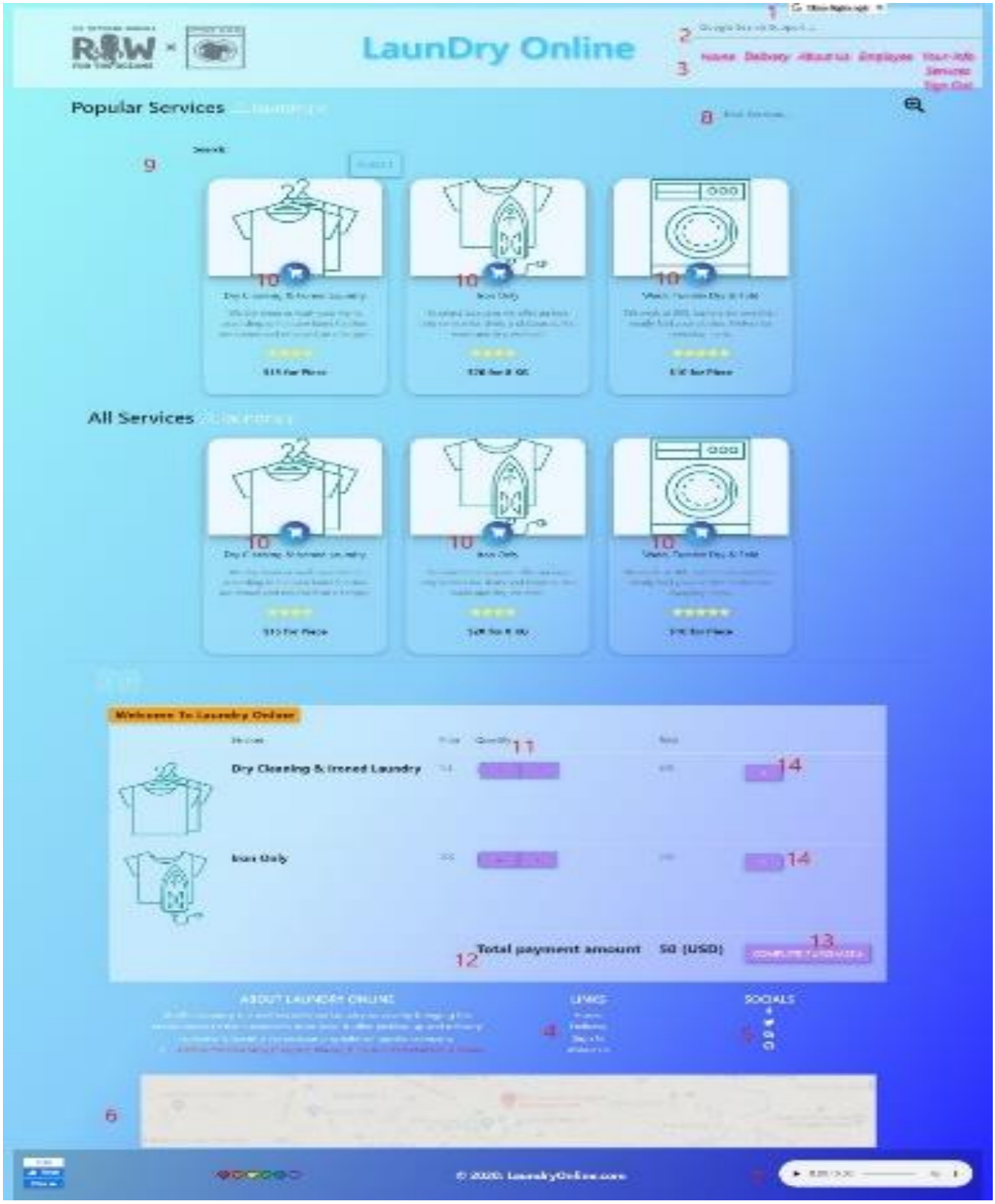
2	Google Search Support	Input-hyperlink		Focus	Link to google.com	Enable
3	Navigation bar	Hyperlink		Click	Choose and go to page	Enable
4	LINKS	Hyperlink		Click	Choose and go to page	Enable
5	SOCIALS	Hyperlink		Click	Link to Facebook, twitch, Google, GitHub	Enable
6	MAP	Hyperlink		Click	The location of the shop	Enable
7	Music	Button		Click	Listen music	Enable
8	Username	Input	Required	Focus	Input Username	Enable
9	Password	Input	Required	Focus	Input Password	Enable
10	Sign In	Button		Click	Log in	Enable
11	Register	Hyperlink		click	Click to go to Register Page	Enable

5. Sign out (Register)



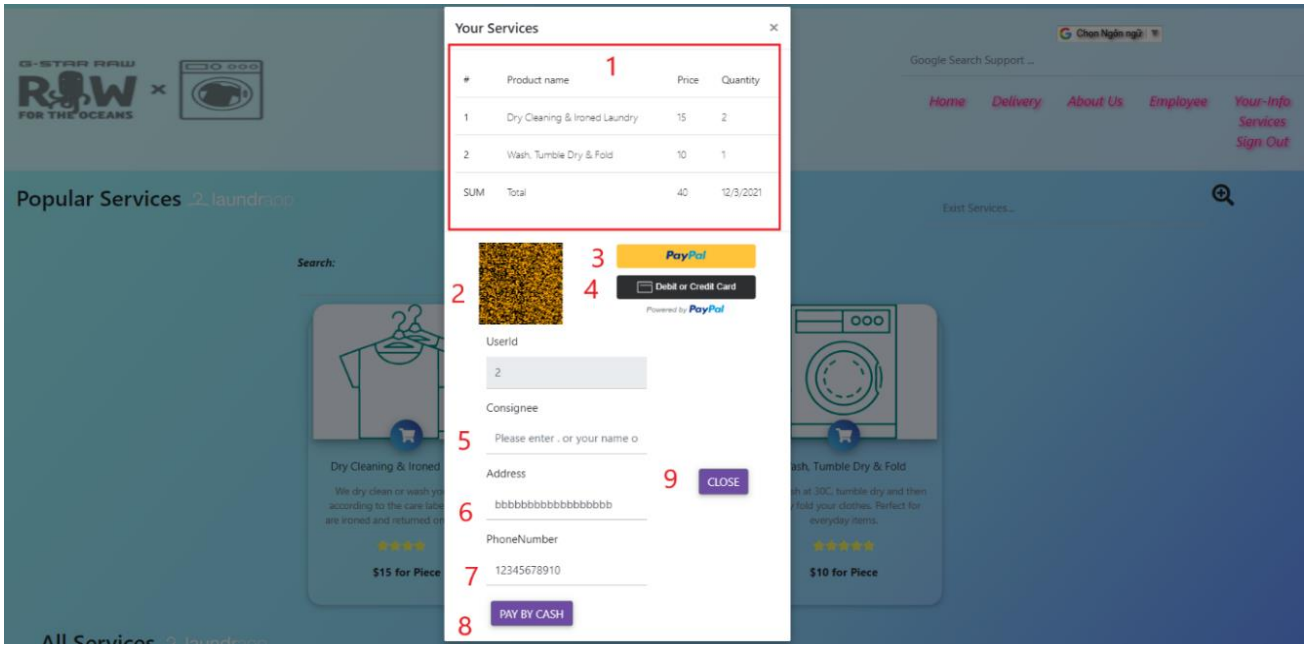
No	Name	Type	Validation	Event	Description	Status
1	Language	Select-box		Click	Choose your language	Enable
2	Google Search Support	Input-hyperlink		Focus	Link to google.com	Enable
3	Navigation bar	Hyperlink		Click	Choose and go to page	Enable
4	LINKS	Hyperlink		Click	Choose and go to page	Enable
5	SOCIALS	Hyperlink		Click	Link to Facebook, twitch, Google, GitHub	Enable
6	MAP	Hyperlink		Click	The location of the shop	Enable
7	Music	Button		Click	Listen music	Enable
8	Username	Input	Required	Focus	Input Username	Enable
9	Password	Input	Required	Focus	Input Password	Enable
10	Address	Input	Required	Focus	Input Address	Enable
11	Email	Input	Required	Focus	Input Email	Enable
12	Telephone	Input	Required	Focus	Input Phone Number	Enable
13	SIGN UP	Button		Click	Alert Sign Up Success	Enable
14	GoBack	HyperLink		Click	Go to Sign in page	Enable

6.Services


LaunDry Online
Popular Services
All Services
Welcome To Laundry Online
Dry Cleaning & Ironed Laundry
Iron Only
Total payment amount
50 (USD)
ABOUT LAUNDRY ONLINE
LINKS
SOCIALS

No	Name	Type	Validation	Event	Description	Status
1	Language	Select-box		Click	Choose your language	Enable
2	Google Search Support	Input-hyperlink		Focus	Link to google.com	Enable
3	Navigation bar	Hyperlink		Click	Choose and go to page	Enable
4	LINKS	Hyperlink		Click	Choose and go to page	Enable
5	SOCIALS	Hyperlink		Click	Link to Facebook, twitch, Google, GitHub	Enable
6	MAP	Hyperlink		Click	The location of the shop	Enable
7	Music	Button		Click	Listen music	Enable
8	Exist Services	Input,icon		Focus, click	Input and click to Search	Enable
9	Search	Input, button		Focus, click	Input and click to Search	Enable
10	Cart	Icon		Click	add your services into Cart	Enable
11	Quantity	Button		Click	+ ; - quantity	Enable
12	Total Payment Amount	Text			Show total payment amount USD	Enable
13	Complete Purchase	Button		Click	Go to Payment	Enable
14	x	Button		Click	Delete service	Enable

7. Payment



No	Name	Type	Validation	Event	Description	Status
1	Your Services	Text			Show your Services Details	Enable
2	QR	Scan			Scan QR code	Enable
3	Paypal	Button		Click	Click to pay	Unable
4	Debit or Credit Card	Button		Click	Click to pay	Unable
5	Consignee	InPut		Focus	Add consignee	Enable
6	Address	Input		Focus	Add Address	Enable
7	Phone Number	Input		Focus	Add Phone Number	Enable
8	Pay By Cash	Button		Click	Click to pay	Enable
9	Close	Button		Click	Close this page and go back Services page	Enable

Qrcode system automatically creates cart according to customer requirements

We will use qrcode software to read the code

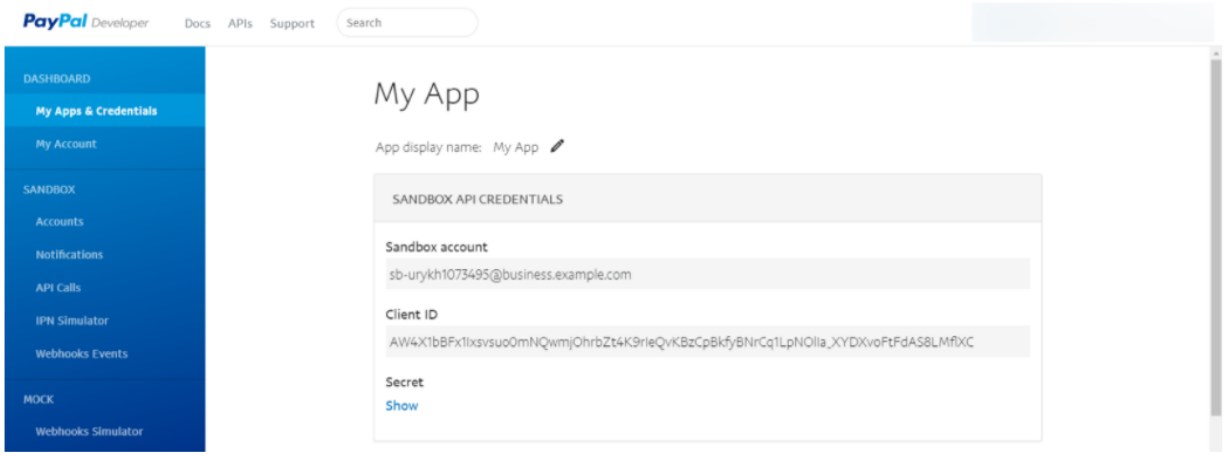
Note

The PayPal and SMS current not working:

To do this work you have to:

- PayPal:

1. **Create a PayPal account**
2. **Create a REST API app**
3. **Get your API credentials**



a) You will have Sandbox account where you can manager your transactions in the paypal and the Client ID

For more info: https://developer.paypal.com/docs/get-started/

b)Now go to the project3-client in folder public, find the index.html file ,go to line 90 and change the sb with Client ID to run the paypal feature.

```
<!-- PayPal -->
  <script src="https://www.paypal.com/sdk/js?client-id=sb"></script>
  <script>
```

For more info: https://youtu.be/IXxEdhA7fig

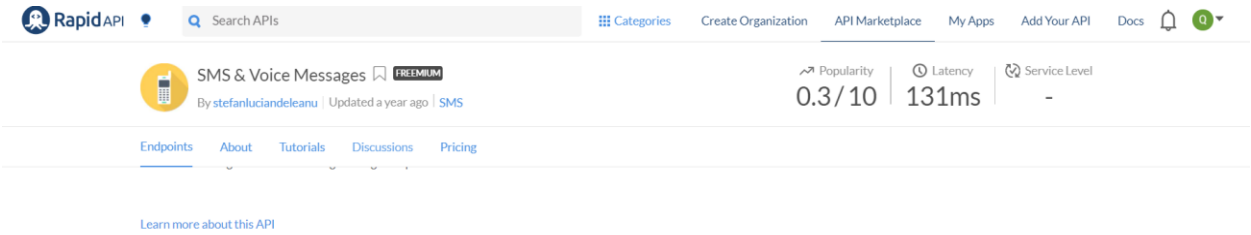
Else other ways: https://www.paypal.com/us/smarthelp/article/FAQ3629

- SMS

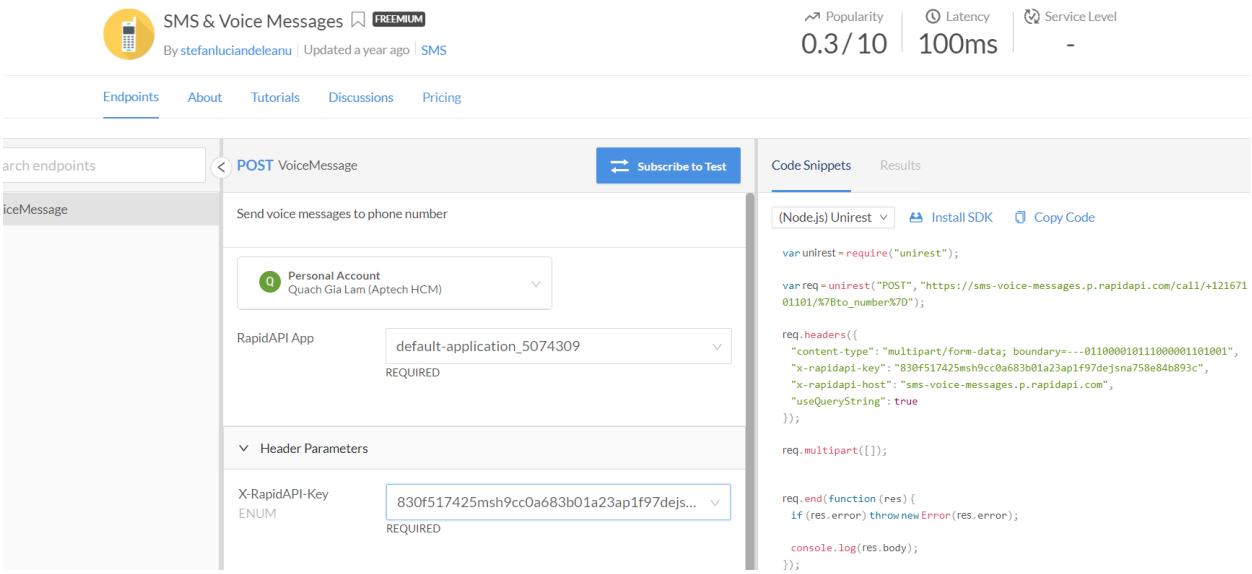
1) **Create a RapidAPI account on website**

https://rapidapi.com/stefanluciandeleanu/api/sms-voice-messages?utm_source=google&utm_medium=display&utm_campaign=pressSub&utm_term=_&utm_content=none&gclid=CjwKCAiAm-

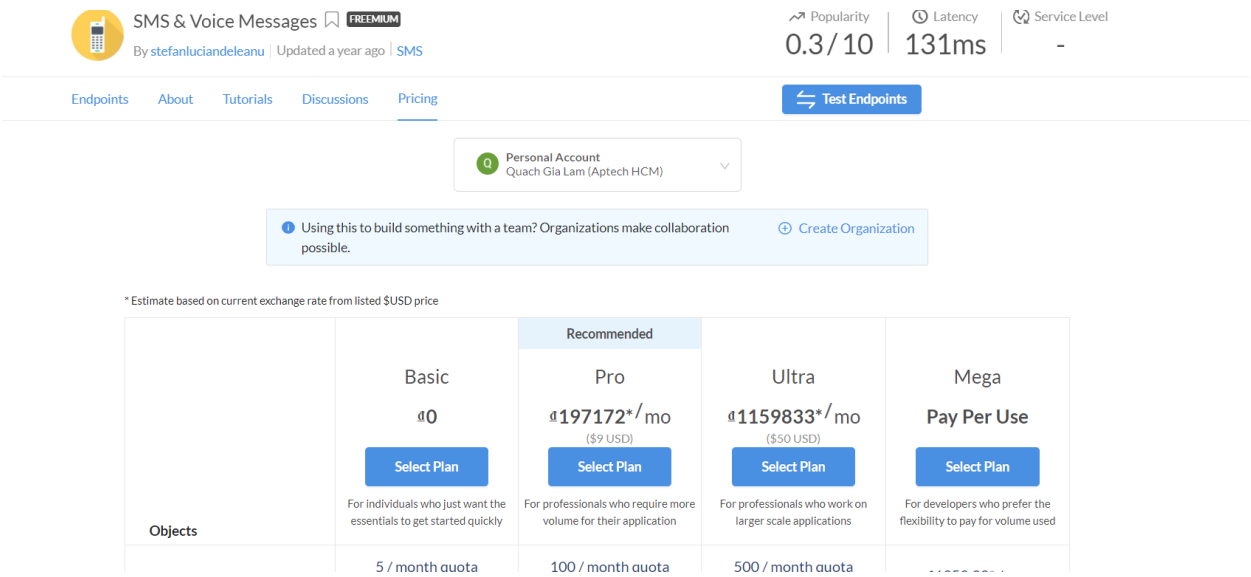
2BBhANEiwAe7eyFNrvrQrEDBkaBugX9Pphw2jA7ZVwA8QuF6_WmzV0q5kAPTtx65yYbxoCRv4QAvD_BwE



You will have your api id for sms

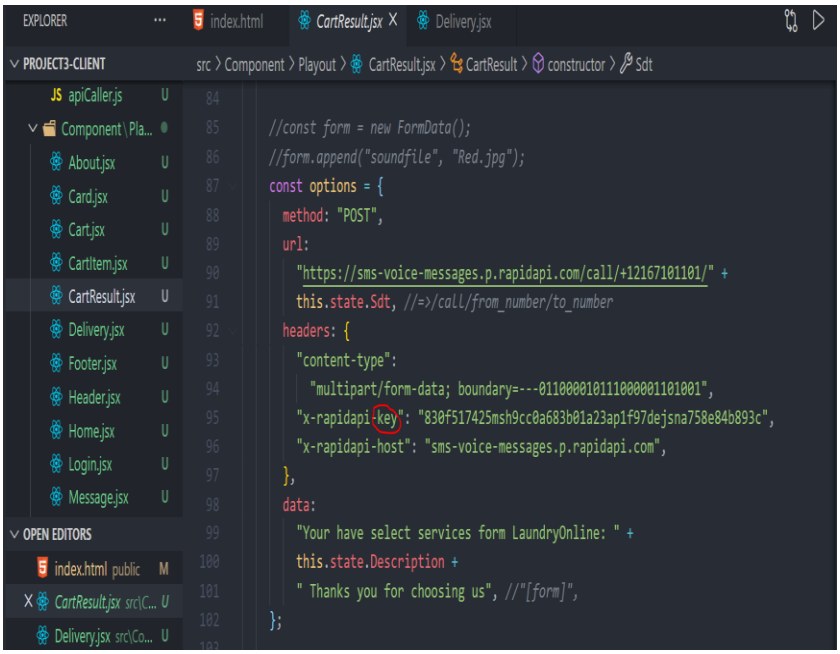


2) You will pay the cost to run sms

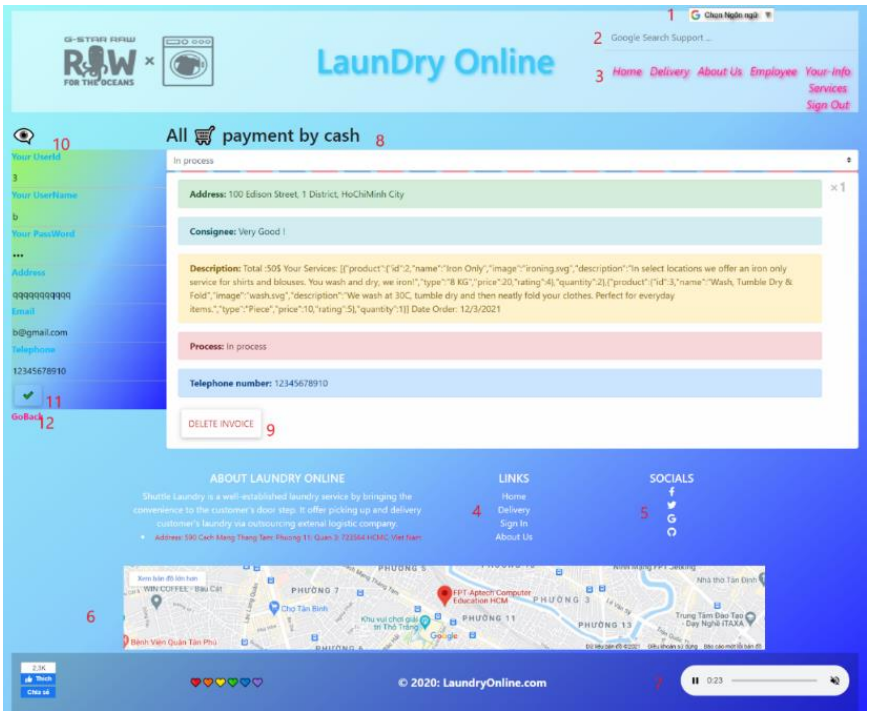


3) Now go to code

We will change the line key id to run sms

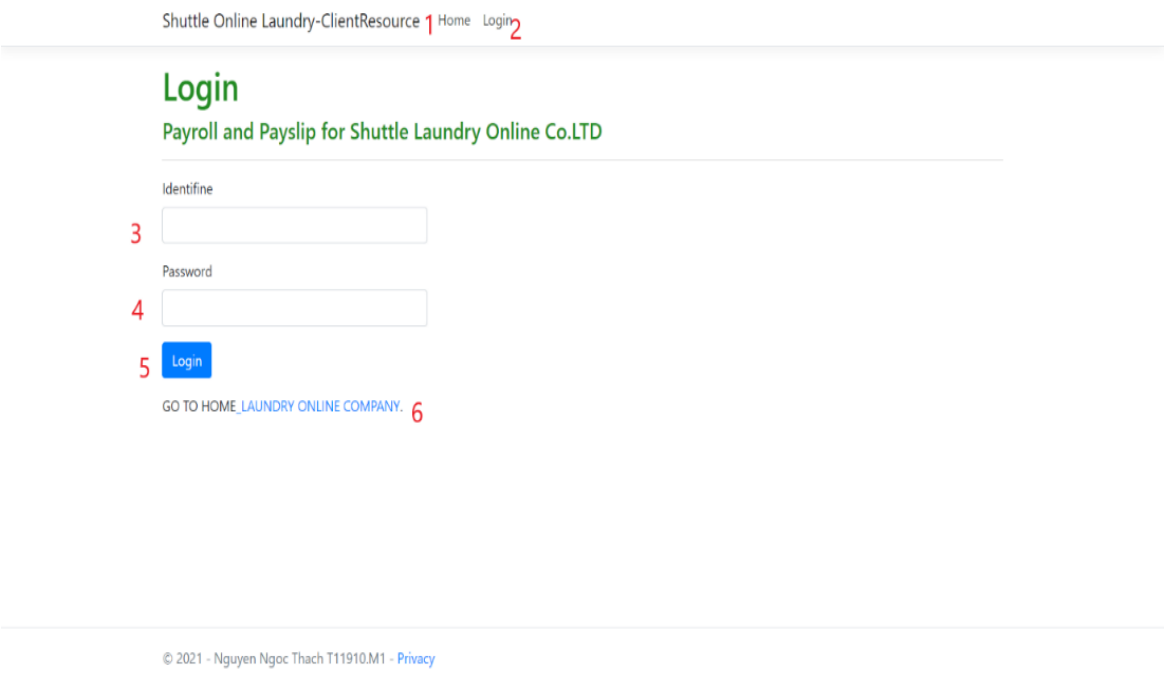


8. Your-Info



No	Name	Type	Validation	Event	Description	Status
1	Language	Select-box		Click	Choose your language	Enable
2	Google Search Support	Input-hyperlink		Focus	Link to google.com	Enable
3	Navigation bar	Hyperlink		Click	Choose and go to page	Enable
4	LINKS	Hyperlink		Click	Chooes and go to page	Enable
5	SOCIALS	Hyperlink		Click	Link to facebook, twitch,Google,GitHub	Enable
6	MAP	Hyperlink		Click	The location of the shop	Enable
7	Music	Button		Click	Listen music	Enable
8	All payment	Text			Show all your Cart Payment by Cash	Enable
9	Delete Invoice	Button		Click	Delete your history payment	Enable
10	Profile			Focus	You can Edit your information here	Enable
11	Ok	Icon		Click	Click to Edit your information	Enable
12	GoBack	Button		Click	Go to Services page	Enable

9. Employee



No	Name	Type	Validation	Event	Description	Status
1	Home	Hyperlink		Click	Go to Employee page	Enable
2	Login	Hyperlink		Click	Go to Employee Login page	Enable
3	Identifine	Input	Required	Focus	Admin: 001 Employee: 001,….	Enable
4	Password	Input	Required	Focus	Admin: 123 Employee 001: 123	
5	Login	Button		Click	Go to admin page or employee page	Enable
6	Laundry Online company	Hyperlink		Click	Go to Home page	Enable

10.Payslip Table

Shuttle Online Laundry-ClientResource 1Home Login 2

PAY SLIP TABLE

GO TO HOME_LAUNDRY ONLINE COMPANY 3

Payslip Laundry Online Company

Identifine	088
Password	********
Receiver Name	Vu Tu Nam
Department	Laundry
ATM account	160099999999
Date Recieved	1/31/2021 12:00:00 AM
Role	False
Coeff.Salary	6,5
Pos.allowance	0,5
Liability factor	0,3
Marital system	0,1
Sum FACTOR	7.4
Actual workdays	20
Basic salary	7350667 **[VND]**
Overtime salary	123 **[VND]**
Supp.per.diem	300000 **[VND]**
Phone Fun.support	300000
Trade.Un.allowance	4000000
Incr.consciousness	200000 **[VND]**
Mid shift meal	800000 **[VND]**
Bonuses holidays TET	500000 **[VND]**
Sum INCOME	9450855 **[VND]**
Social insurance	588053.36 **[VND]**
Health insurance	110260.00499999999 **[VND]**
Unemployment insurance	73506.67 **[VND]**
Union fee	200000 **[VND]**
Sum DEDUCTIONS	971820.06 **[VND]**
Sum RECEIVED	8479035 **[VND]**
The amount transferred to ATM	8479035 **[VND]**
Role	Staf

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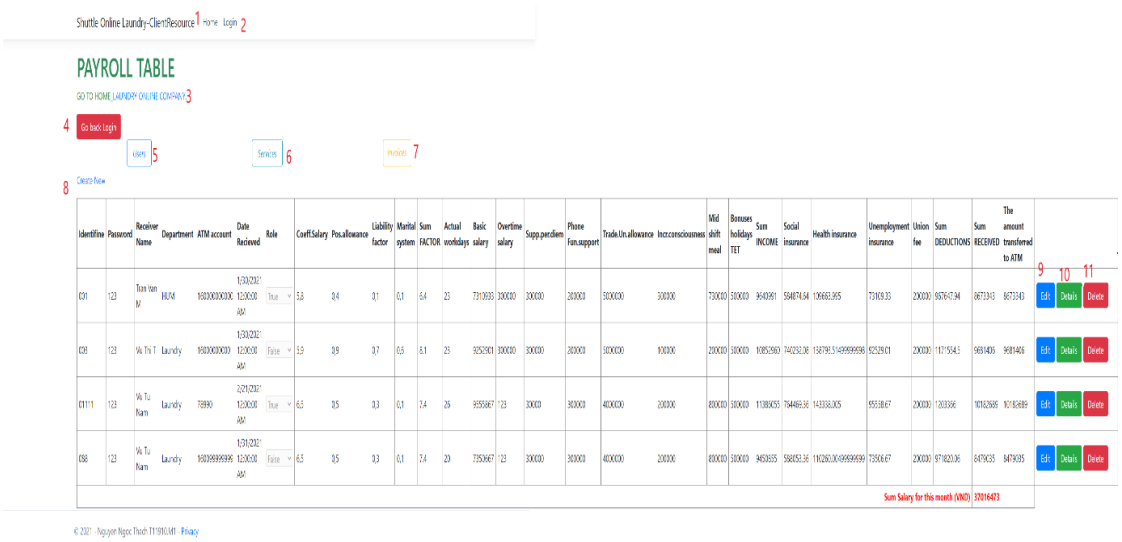
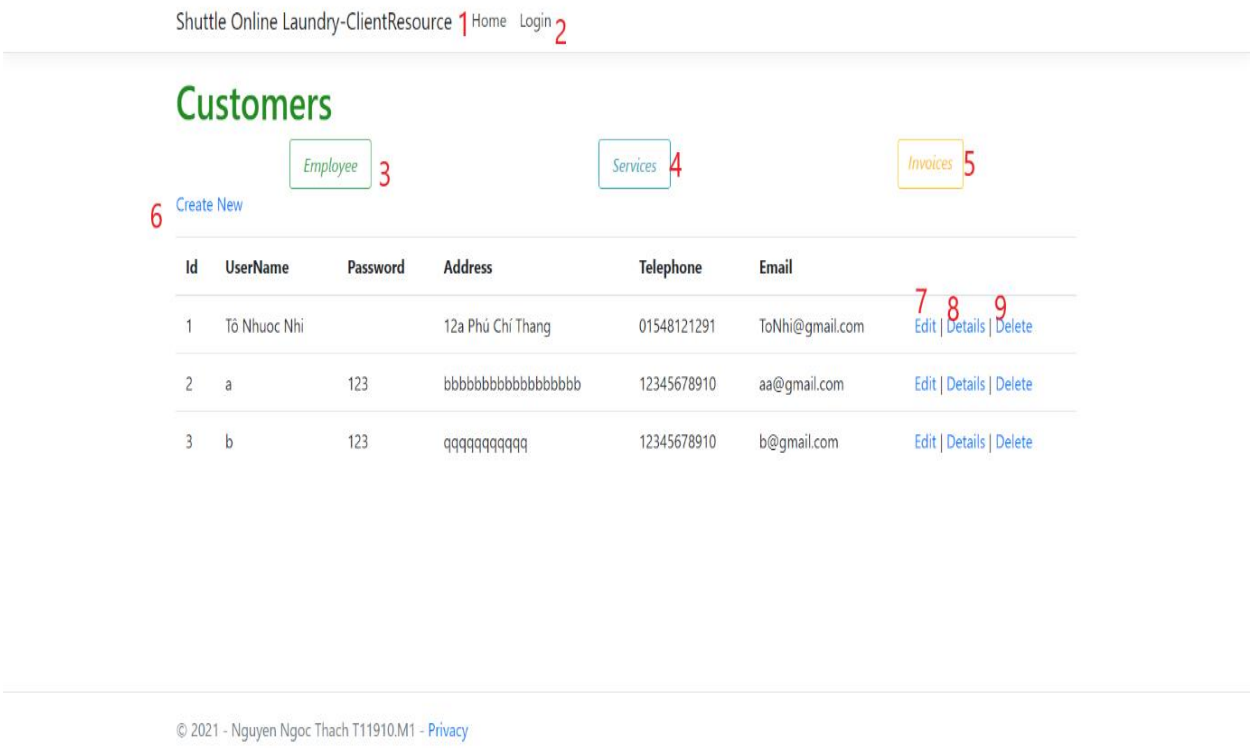
No	Name	Type	Validation	Event	Description	Status
1	Home	Hyperlink		Click	Go to Login page	Enable
2	Login	Hyperlink		Click	Go to Employee Login page	Enable
3	Laundry Online company	Hyperlink		Click	Go to Home page	Enable

11. Admin Page



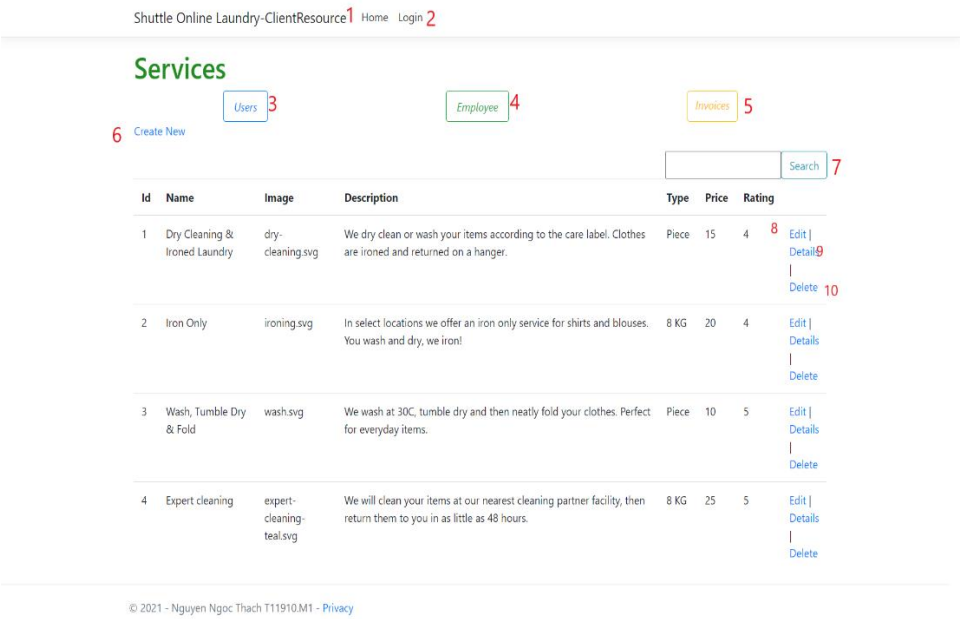
No	Name	Type	Validation	Event	Description	Status
1	Home	Hyperlink		Click	Go to admid page	Enable
2	Login	Hyperlink		Click	Go to Employee Login page	Enable
3	Laundry Online company	Hyperlink		Click	Go to Home page	Enable
4	Go Back Login	Button		Click	Go to Employee Login page	Enable
5	Users	Button		Click	Go to Users page	Enable
6	Services	Button		Click	Go to Service Detail	Enable
7	Invoices	Button		Click	Go to Invoices detail	Enable
8	Create new	Hyperlink		Click	Go to Create new Employee	Enable
9	Edit	Button		Click	Go to Edit employee detail	Enable
10	Details	Button		Click	Go to Employee Payslip	Enable
11	Delete	Button		Click	Delete Employee	Enable

12. Customers (Users)



No	Name	Type	Validation	Event	Description	Status
1	Home	Hyperlink		Click	Go to admid page	Enable
2	Login	Hyperlink		Click	Go to Employee Login page	Enable
3	Employee	Button		Click	Go to Employee page	Enable
4	Services	Button		Click	Go to Service Detail	Enable
5	Invoices	Button		Click	Go to Invoices detail	Enable
6	Create new	Hyperlink		Click	Go to Create new Customer User	Enable
7	Edit	Hyperlink		Click	Edit customer user details	Enable
8	Details	Hyperlink		Click	Show customer Details	Enable
9	Delete	Hyperlink		Click	Delete customer User	Enable

13. Service Details



No	Name	Type	Validation	Event	Description	Status
1	Home	Hyperlink		Click	Go to admid page	Enable
2	Login	Hyperlink		Click	Go to Employee Login page	Enable
3	Users	Button		Click	Go to Users page	Enable
4	Employee	Button		Click	Go to Employee page	Enable
5	Invoices	Button		Click	Go to Invoices detail	Enable
6	Create new	Hyperlink		Click	Go to Create new Service	Enable
7	Search	Input / Button		Focus / Click	Search services	Enable
8	Edit	Hyperlink		Click	Edit service details	Enable
9	Details	Hyperlink		Click	Show service Details	Enable
10	Delete	Hyperlink		Click	Delete service	Enable

14. Invoices

Shuttle Online Laundry-ClientResource 1 Home Login 2

Invoices

Users 3 Employee 4 Services 5

6 Create New

Id	UserId	Consignee	Address	Sdt	Description	Process	
1	2		bbbbbbbbbbbbbbbbbb	1111111111	Total :15$ Your Services: [{"product":{"id":1,"name":"Dry Cleaning & Ironed Laundry","image":"dry-cleaning.svg","description":"We dry clean or wash your items according to the care label. Clothes are ironed and returned on a hanger.","type":"Piece","price":15,"rating":4},"quantity":1}] Date Order: 4/3/2021	In process 7	Edit | Details 8 | Delete 9
2	2	asdasdasd	bbbbbbbbasdasdadbbbbbbbbbb	12345678910	Total :40$ Your Services: [{"product":{"id":1,"name":"Dry Cleaning & Ironed Laundry","image":"dry-cleaning.svg","description":"We dry clean or wash your items according to the care label. Clothes are ironed and returned on a hanger.","type":"Piece","price":15,"rating":4},"quantity":2},{"product":{"id":3,"name":"Wash, Tumble Dry & Fold","image":"wash.svg","description":"We wash at 30C, tumble dry and then neatly fold your clothes. Perfect for everyday items.","type":"Piece","price":10,"rating":5},"quantity":1}] Date Order: 12/3/2021	In process	Edit | Details | Delete
3	2	asdasdasd	bbbbbbbbasdasdadbbbbbbbbbb	12345678910	Total :40$ Your Services: [{"product":{"id":1,"name":"Dry Cleaning & Ironed Laundry","image":"dry-cleaning.svg","description":"We dry clean or wash your items according to the care label. Clothes are ironed and returned on a hanger.","type":"Piece","price":15,"rating":4},"quantity":2},{"product":{"id":3,"name":"Wash, Tumble Dry & Fold","image":"wash.svg","description":"We wash at 30C, tumble dry and then neatly fold your clothes. Perfect for everyday items.","type":"Piece","price":10,"rating":5},"quantity":1}] Date Order: 12/3/2021	In process	Edit | Details | Delete
4	2	asdasdasd	bbbbbbbbasdasdadbbbbbbbbbb	12345678910	Total :40$ Your Services: [{"product":{"id":1,"name":"Dry Cleaning & Ironed Laundry","image":"dry-cleaning.svg","description":"We dry clean or wash your items according to the care label. Clothes are ironed and returned on a hanger.","type":"Piece","price":15,"rating":4},"quantity":2},{"product":{"id":3,"name":"Wash, Tumble Dry & Fold","image":"wash.svg","description":"We wash at 30C, tumble dry and then neatly fold your clothes. Perfect for everyday items.","type":"Piece","price":10,"rating":5},"quantity":1}] Date Order: 12/3/2021	In process	Edit | Details | Delete
5	3	Very Good !	100 Edison Street, 1 District, HoChiMinh City	12345678910	Total :50$ Your Services: [{"product":{"id":2,"name":"Iron Only","image":"ironing.svg","description":"In select locations we offer an iron only service for shirts and blouses. You wash and dry, we iron!","type":"8 KG","price":20,"rating":4},"quantity":2},{"product":{"id":3,"name":"Wash, Tumble Dry & Fold","image":"wash.svg","description":"We wash at 30C, tumble dry and then neatly fold your clothes. Perfect for everyday items.","type":"Piece","price":10,"rating":5},"quantity":1}] Date Order: 12/3/2021	In process	Edit | Details | Delete

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No	Name	Type	Validation	Event	Description	Status
1	Home	Hyperlink		Click	Go to admid page	Enable
2	Login	Hyperlink		Click	Go to Employee Login page	Enable
3	Users	Button		Click	Go to Users page	Enable
4	Employee	Button		Click	Go to Employee page	Enable
5	Services	Button		Click	Go to Service Detail	Enable
6	Create new	Hyperlink		Click	Go to Create new Invoices	Enable
7	Edit	Hyperlink		Click	Edit Invoices details	Enable
8	Details	Hyperlink		Click	Show Invoices Details	Enable
9	Delete	Hyperlink		Click	Delete Invoice	Enable

IV-GUIDE

4.1- GUIDE FOR DEVELOPER

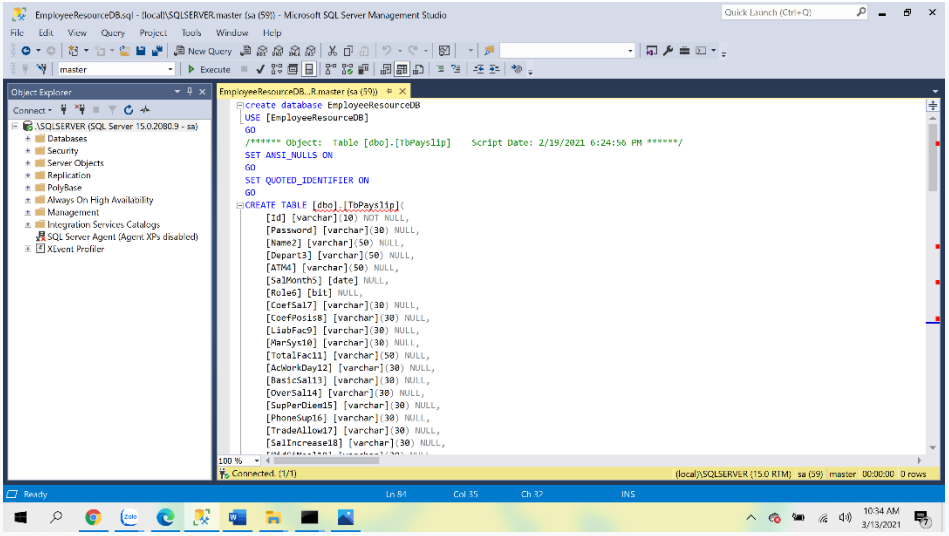
General step follows:

Step1: Open file database in the package Group2New : EmployeeResourceDB.sql

Built Database named EmployeeResourceBD in Server' SQL :

```
CREATE DATABASE EmployeeResourceDB
USE EmployeeResourceDB
```

Built Tables:



Note: That values like scripted file have to create in the database

```
Insert into tbService ([name],[image],[description],[type],price,rating) values
('Dry Cleaning & Ironed Laundry','dry-cleaning.svg','We dry clean or wash your items
according to the care label. Clothes are ironed and returned on a hanger.','Piece',15,4),
('Iron Only','ironing.svg','In select locations we offer an iron only service for shirts
and blouses. You wash and dry, we iron!','8 KG',20,4),
('Wash, Tumble Dry & Fold','wash.svg','We wash at 30C, tumble dry and then neatly fold
your clothes. Perfect for everyday items.','Piece',10,5),
('Expert cleaning','expert-cleaning-teal.svg','We will clean your items at our nearest
cleaning partner facility, then return them to you in as little as 48 hours.','8
KG',25,5);
Insert into tbUser (UserName,[Address],Telephone,Email) values
('Tô Nhuoc Nhi','12a Phú Chí Thang','01548121291','ToNhi@gmail.com')
```

Next step 2: => Run file **ServerLaundryOnline.sln** in package ServerLaundryOnline => open file Appsettings.json in ServerLaundryOnline project, repair name SQL Server in developer site with new database named EmployeeResoureceDB

1/- Data Source=(Server' SQL name);

2/- Initial Catalog = EmployeeResourceDB

"AllowedHosts": "*",

"ConnectionStrings": {

"DefaultConnection": "Data Source=**.\\SQLSERVER**; Initial Catalog = **EmployeeResourceDB**; uid=sa;pwd=123"}

Next step 3: Run project

Two ways to run the project is that:

1/- **First way:** Run file "**run-apps**" in the package **Group2New**

2/- **Second way:** START "ServerLaundryOnline.sln", then Open package "ClientReact" in folder Group2New => cmd => Code . => npm start

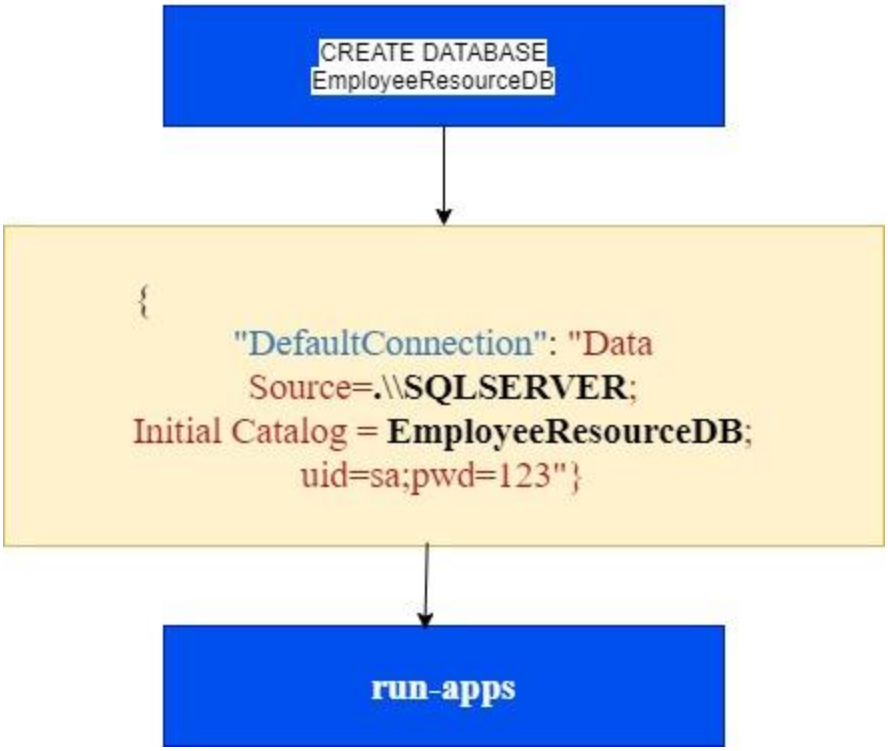
File **run-apps** as follow:

run-apps - Notepad

File Edit Format View Help

```
@ECHO OFF

ECHO ============================
ECHO Please wait...
ECHO ============================

cd /d .\ClientReact
start cmd.exe /k "npm install && npm start"

REM start cmd.exe /k "dotnet dev-certs https --trust"

cd /d ..\ClientResource
start cmd.exe /k "dotnet run .\ClientResource.csproj --urls=http://localhost:57180 /property:Configuration=Release"

cd /d ..\ServerLaundryOnline
start cmd.exe /k "dotnet run .\ServerLaundryOnline.csproj --urls=http://localhost:58564 /property:Configuration=Release"
```

GUIDE FOR DEVELOPER

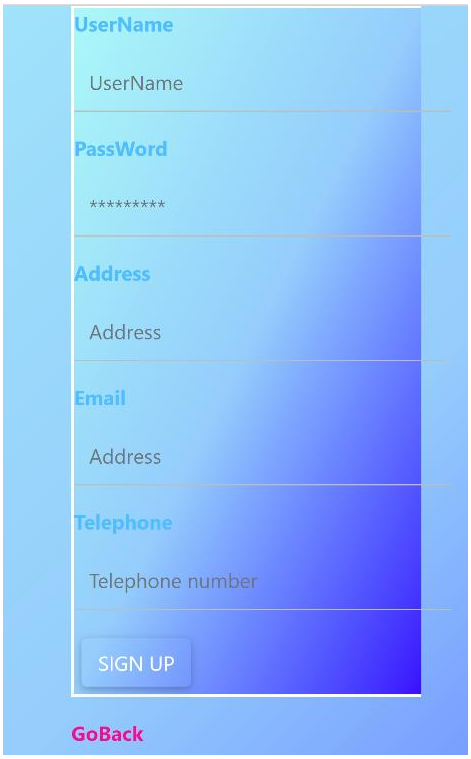


4.2– **GUIDE FOR USER**

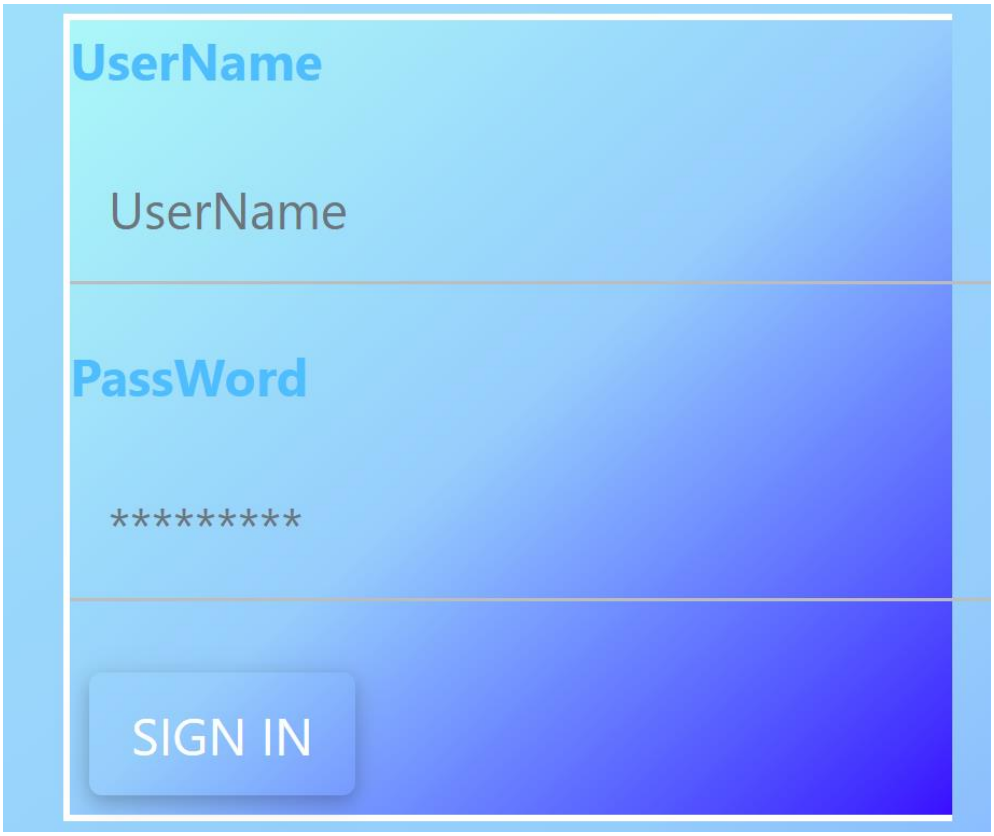
4.2.1- USER AS CLIENT

For the first time, that user use our service

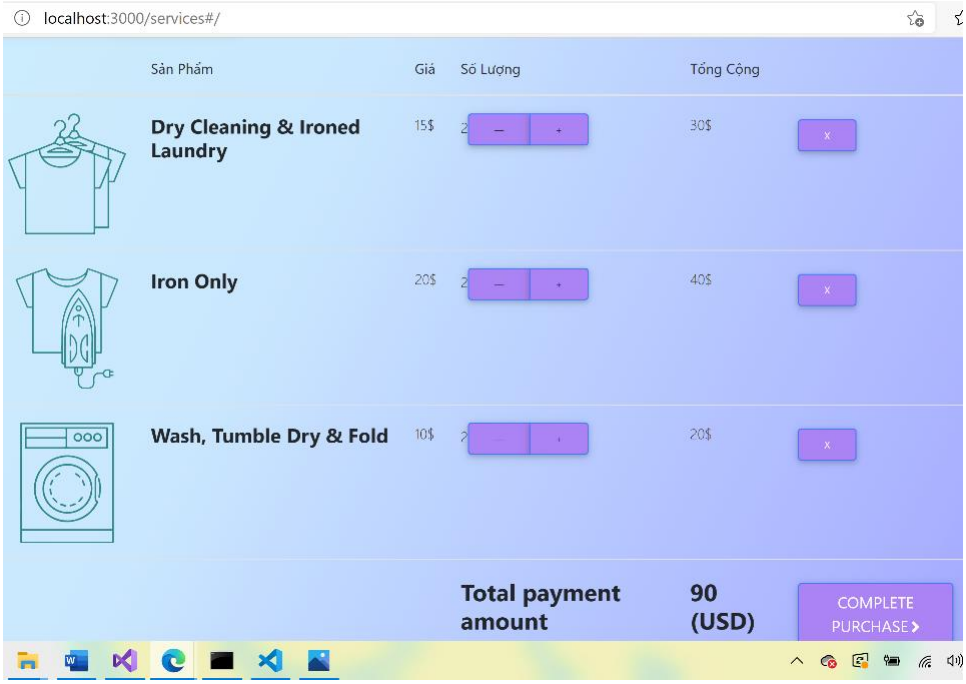
Sign in => Sing out now



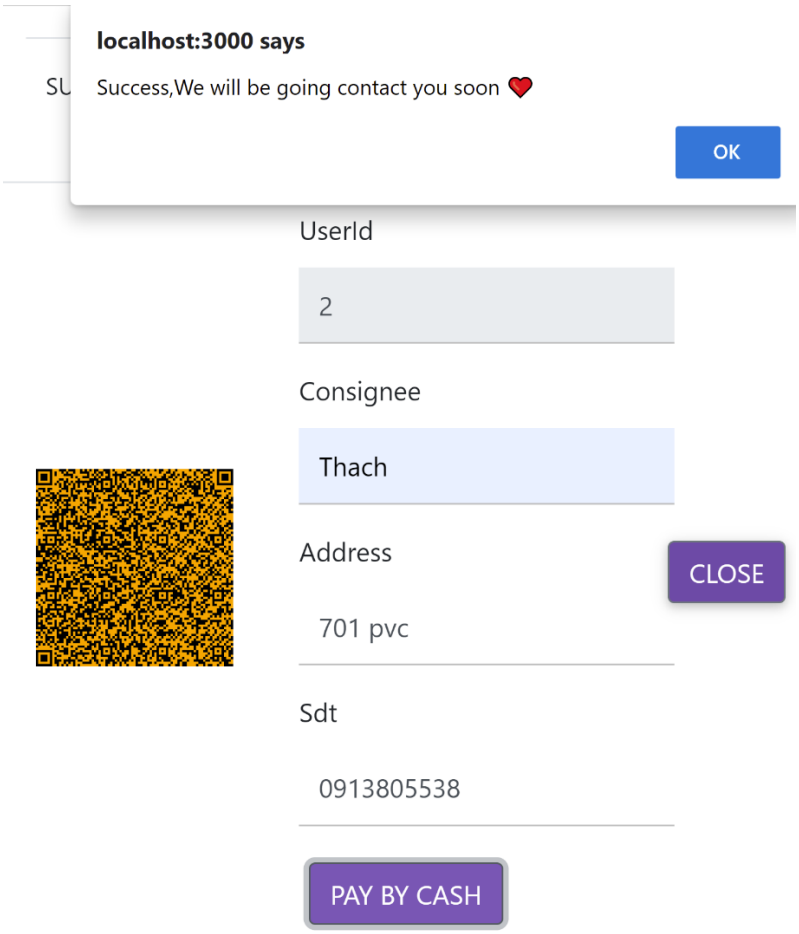
Then Sing in



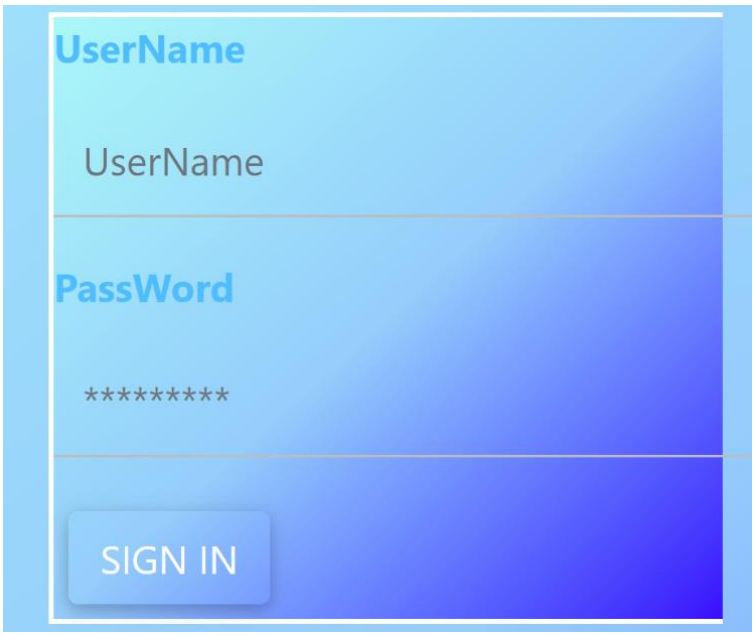
=> Chose service package



=> chose payment type



The next time you can instantly **sign in**



All next step to use our service like below.

4.2.2 - GUIDER FOR EMPLOYEES

4.2.2.1/- For Employee as staf: Employee => Id (In this case Id = 002; 003; …) => Password (In this case default value is 123) =.> Payslip table

PAY SLIP TABLE

GO TO HOME_LAUNDRY ONLINE COMPANY.

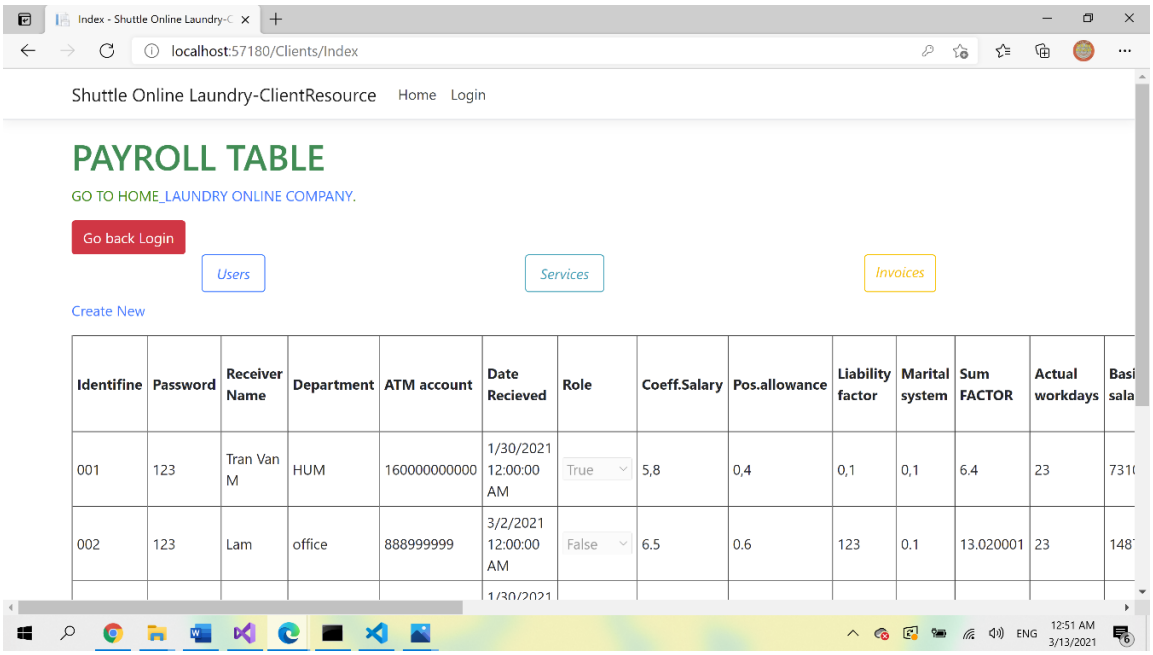
Payslip Laundry Online Company

Identifine	088
Password	********
Receiver Name	An
Department	office
ATM account	1919199
Date Recieved	1/31/2021 12:00:00 AM
Role	False
Coeff.Salary	6,5
Pos.allowance	0,5
Liability factor	0,3
Marital system	0,1

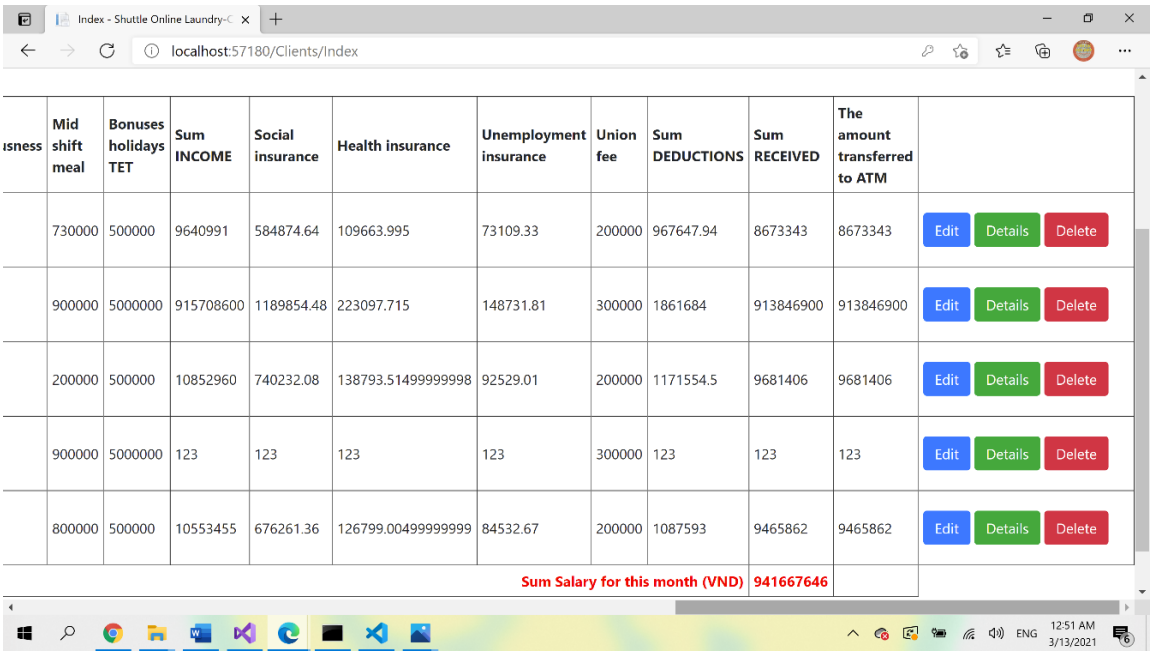
4.2.2.2/- For Employee as Leader

Leader can see details, create new pay slip, update, edit, delete payslip for each staf include him self; To see total salary of company in that month.

Employee => Id (in this case defalt Id = 001) => Password (in this case default value is 123) => Payroll table of company:



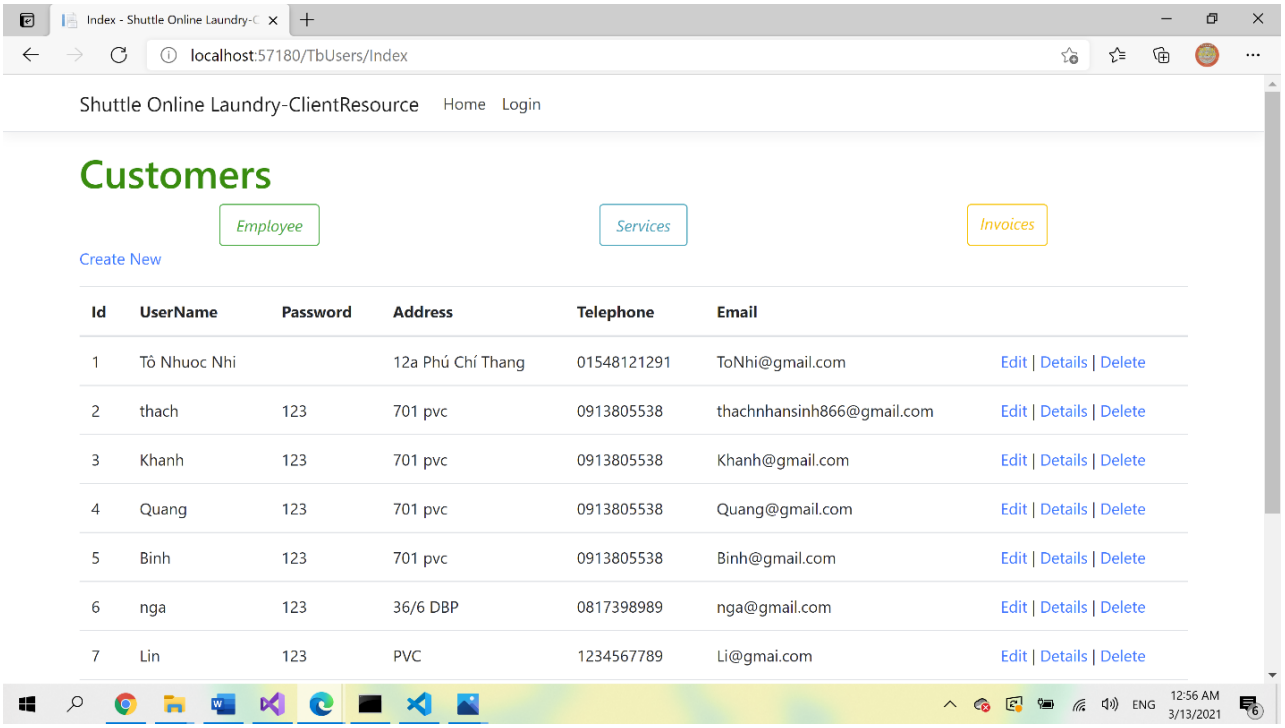
Identifine	Password	Receiver Name	Department	ATM account	Date Recieved	Role	Coeff.Salary	Pos.allowance	Liability factor	Marital system	Sum FACTOR	Actual workdays	Basi sala
001	123	Tran Van M	HUM	160000000000	1/30/2021 12:00:00 AM	True	5,8	0,4	0,1	0,1	6.4	23	731
002	123	Lam	office	888999999	3/2/2021 12:00:00 AM	False	6.5	0.6	123	0.1	13.020001	23	148
					1/30/2021								

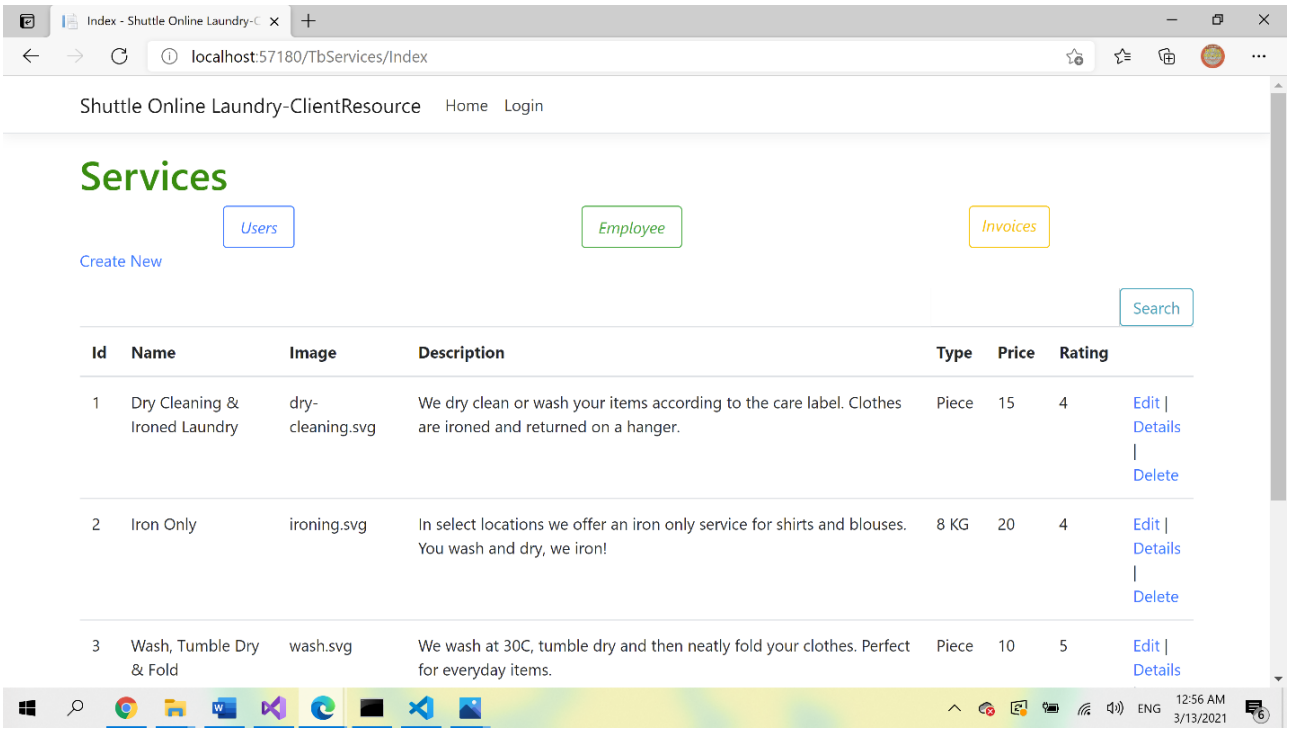


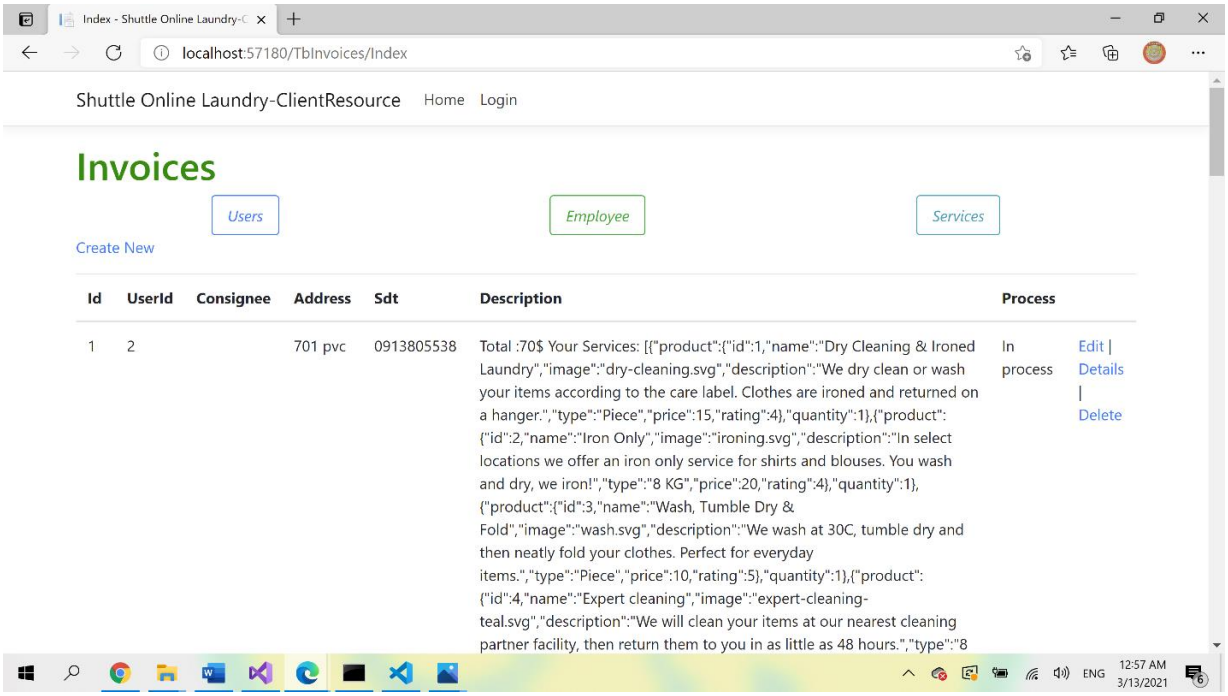
usness	Mid shift meal	Bonuses holidays TET	Sum INCOME	Social insurance	Health insurance	Unemployment insurance	Union fee	Sum DEDUCTIONS	Sum RECEIVED	The amount transferred to ATM	
	730000	500000	9640991	584874.64	109663.995	73109.33	200000	967647.94	8673343	8673343	Edit Details Delete
	900000	5000000	915708600	1189854.48	223097.715	148731.81	300000	1861684	913846900	913846900	Edit Details Delete
	200000	500000	10852960	740232.08	138793.51499999998	92529.01	200000	1171554.5	9681406	9681406	Edit Details Delete
	900000	5000000	123	123	123	123	300000	123	123	123	Edit Details Delete
	800000	500000	10553455	676261.36	126799.00499999999	84532.67	200000	1087593	9465862	9465862	Edit Details Delete
								Sum Salary for this month (VND)	941667646		

Roll Leader and satf created in database.

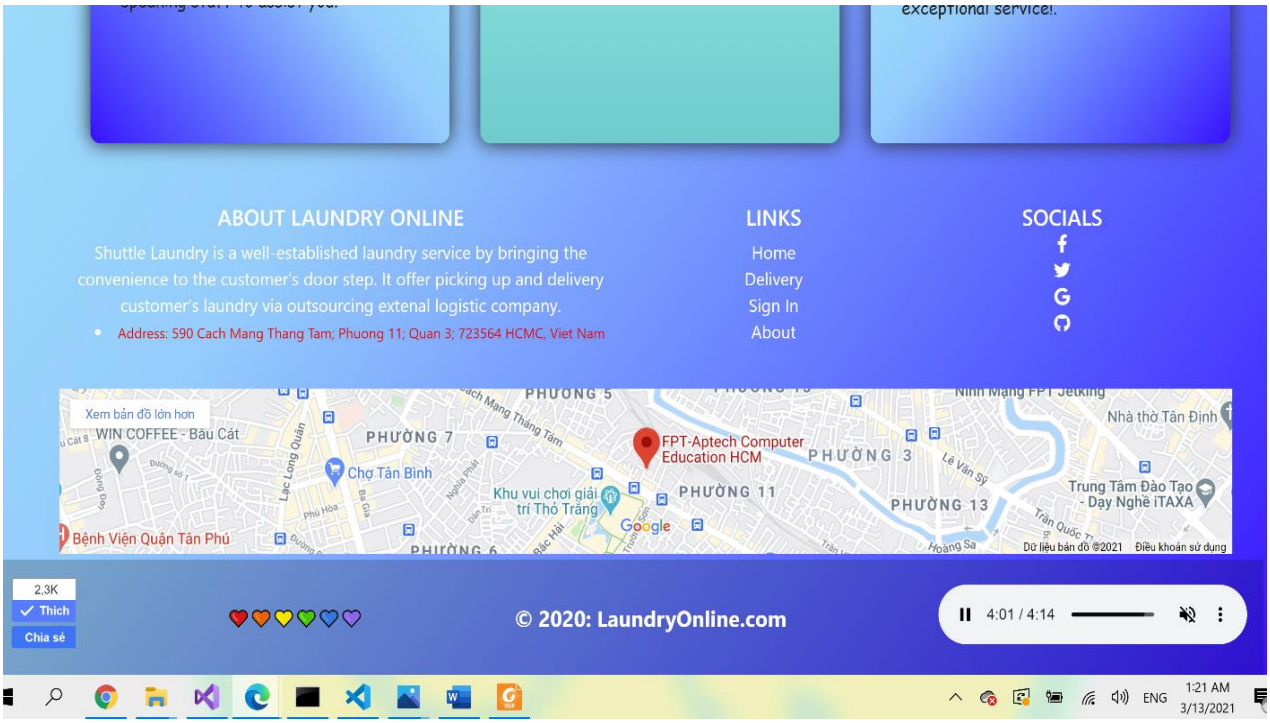
Beside that, Leder can cotrole Customers, services, invoices tables :







You can conext with other social pages: Google; Twister; Facebook, music, Google map (etc)..…by clik on these icons on our home page



REVIEW 3 – TASK SHEET

No.	Contents	Member	Activity Plan	Preparation	
			Start Date	Actual Days	Status
1	Database design	Nguyen Ngoc Thach Quach Gia Lam Pham Anh Duc Hoang Toan Thang	05/03/2021	30	Completed
2	ASP.NET Core				
3	ReactClient				
4	Tecnology				
5	Front ent				
6	Front back				
7	Documentation				

Plan prepared by: Group 2
Group Leader

Map 18st, 20201
Faculty

Hoang Toan Thang

Mr. Ngo Phuoc Nguyen