



CAN THO UNIVERSITY SOFTWARE CENTER
MEKONG DELTA - APTECH



Aptech Certified Computer Professional (ACCP)

SEMESTER IV

PLATE PORTAL

Instructor:

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Class: CP2396F09

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Can Tho, May 2024

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PROBLEM DEFINITION OF PROJECT

Plate Portal is an idea of providing online catering services. It aims to create a simple, easy and convenient solution for catering requirements on a website called onlinecatering.in, making catering arrangements less stressful and more convenient.

Currently, there are many difficulties for both customers and caterers in catering arrangements. For customers, it is difficult and time-consuming to find or choose a suitable caterer for their special occasion such as weddings, birthday parties, anniversaries,... For caterers, finding customers, getting feedback to improve service quality as well as promoting themselves to get more customers are usually quite challenging.

Plate Portal offers a website as a middleman connecting customers and caterers to solve those difficulties. The website allows administrators to manage customers and caterers information, see statistical reports, etc., allows customers to order for catering services, rate and give feedback to caterers' services, participate in mini games to earn points for discounts, etc. and caterers are able to manage their dishes information, manage their vouchers, promote themselves via advertisements on the site, etc.

Prepared By:

Duc Hung Nguyen

Date:

11/05/2024

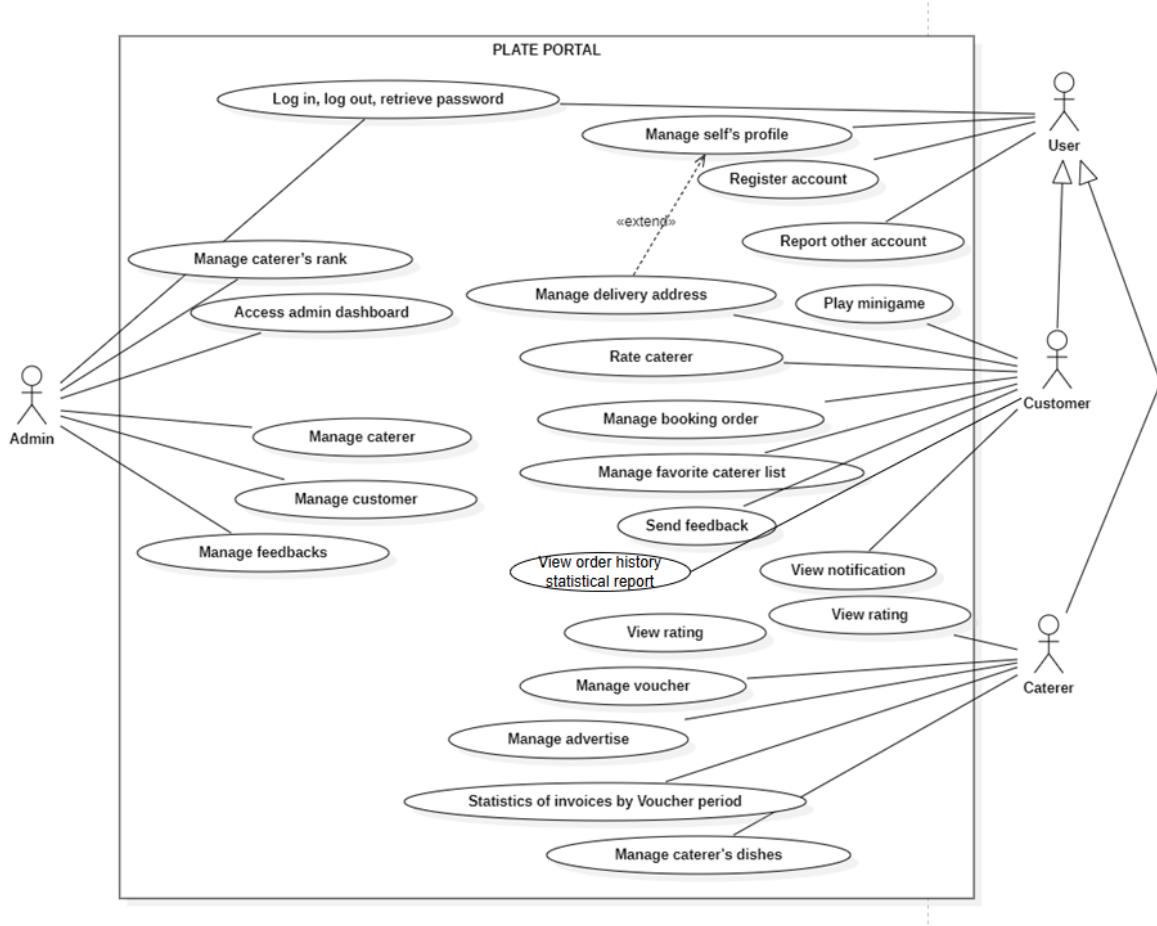
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Duc Hung Nguyen

Form No. 2A: Customer Requirements Specification (CRS)

CUSTOMER REQUIREMENTS SPECIFICATION (CRS)

Name of Project: Plate Portal

1. Modeling requirements of customer (Use case)**2. Actor Description**

No.	Actor	Use Case	Description
1	Admin	Log in, log out, retrieve password	This module handles user authentication tasks such as logging in, logging out, and retrieving password.
		Manage caterer's rank	This module allows Admin to add, update, delete and view list of caterer's rank
		Access admin dashboard	This module focuses on providing detailed information for Admin. It includes features for monitoring system status and accessing analytics

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Form No. 2A: Customer Requirements Specification (CRS)

		Manage caterer	This module allows Admin to views list of caterers, search for caterers, edit caterers' information, view list of caterer reports, suspend caterer, see caterer statistical report
		Manage customer	This module allows Admin to views list of customers, search for customers, edit customers' information, view list of customer reports, suspend customer, see customer statistical report
		Manage feedbacks	This module allows Admin to view a list of feedback, search feedback and view statistical reports.
2	User (Customer,Caterer)	Log in, log out, retrieve password	This module handles Customer/Caterer authentication tasks such as logging in, logging out, and password recovery.
		Register account	This module allows Customer/Caterer to register an account with a role like Customer or Caterer.
		Report other account	This module allows Customer/Caterer to report another Customer/Caterer
		Manage self's profile	This module allows self's Customer/Caterer to view, edit profile
		Send feedback	This module allows Users to send feedback to the system
		View notification	This module allows Customer/Caterer to view notifications
3	Customer	Play minigame	This module allows Customer play minigame to get point
		Manage delivery address	This module allows Customer to add, update, delete and search delivery address
		Rate caterer	This module allows Customers to rate Caterer

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Form No. 2A: Customer Requirements Specification (CRS)

		Manage booking order	This module allows Customer to add, update, delete, search order, pay order, confirm order
		Manage favorite caterer list	This module allows Customer to add, update, delete and search favorite caterer
		View order history statistical report	This module allows Customer to view their order history statistical report
4	Caterer	Manage order	This module allows Caterers to accept or reject order pending and confirm whether an order is paid or not.
		Manage voucher	This module allows Caterer to add, update, delete and search voucher
		Manage advertise	This module allows Caterer to add, update, delete and search advertise
		Statistics of invoices by Voucher period	This module allows Caterer to statistics of invoices by voucher period
		Manage caterer's dishes	This module allows Caterer to add, update, delete and search dishes
		View rating	This module allows Caterer to view rating

3. Use case Description

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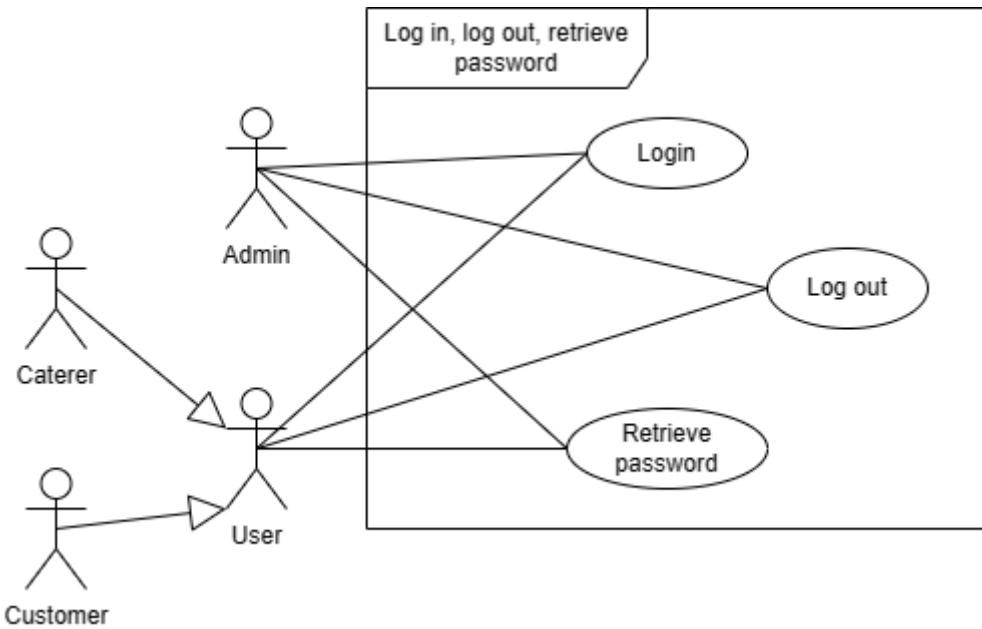
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Form No. 2A: Customer Requirements Specification (CRS)

3.1. Log in, log out, retrieve password: This module handles user authentication tasks such as logging in, logging out, and retrieving password



3.1.1. Log in:

- Purpose: This function allows Admin, Customers, Caterers to log in
- Inputs: Username, password
- Outputs: Authorized role and direct Admin, Customers, Caterers to corresponding page

3.1.2. Log out:

- Purpose: This function allows Admin, Customers, Caterers to log out
- Inputs:
- Outputs: Log out and direct Admin, Customers, Caterers to the home page

3.1.3. Retrieve password:

- Purpose: This function allows Admin, Customers, Caterers to retrieve passwords
- Inputs: Email, verification code, new password
- Outputs: Change password to new password

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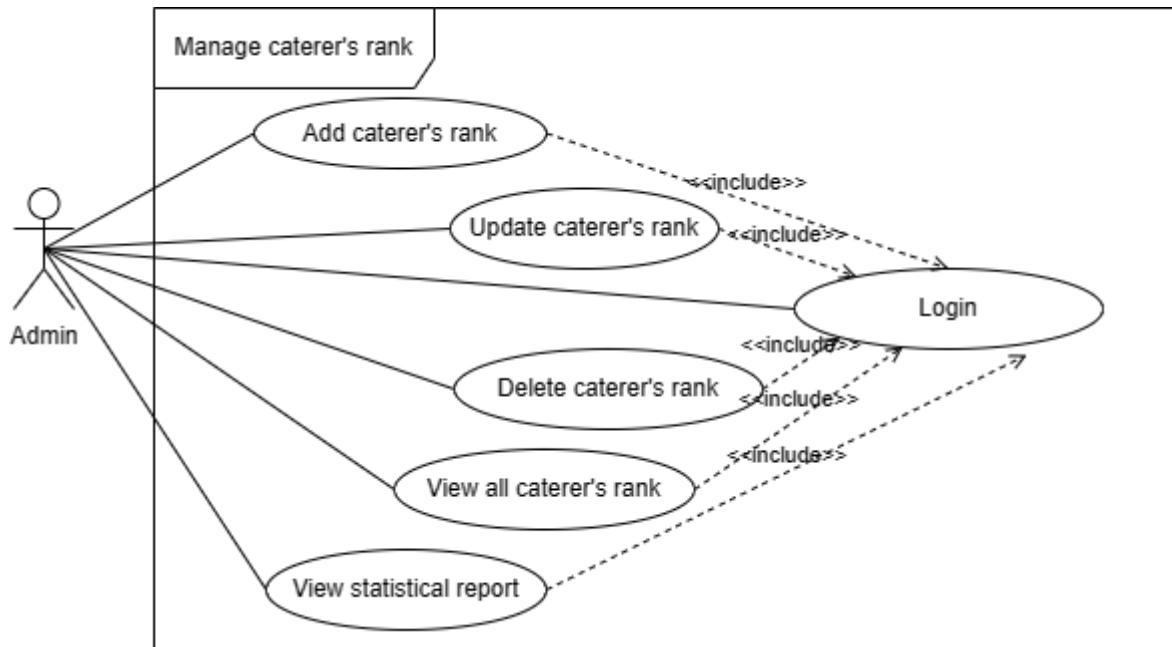
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Form No. 2A: Customer Requirements Specification (CRS)

3.2. Manage caterer's rank: This module allows Admin to add, update, delete and view list of caterer's rank



3.2.1. Add caterer's rank:

- Purpose: This function allows Admin adding a new caterer's rank
- Inputs: ID caterer's rank, rank fee
- Outputs: New caterer's rank added

3.2.2. Update caterer's rank:

- Purpose: This function allows Admin updating the caterer's rank
- Inputs: ID caterer's rank, new information
- Outputs: Caterer's rank updated

3.2.3. Delete caterer's rank:

- Purpose: This function allows Admin to delete caterer's rank
- Inputs: ID Caterer's rank
- Outputs: Caterer's rank deleted

3.2.4. View all caterer's rank:

- Purpose: This function allows Admin viewing all caterer's rank
- Inputs: List of caterer's rank
- Outputs: Show all caterer's rank

3.3. Access admin dashboard: This module focuses on providing detailed information for Admin. It includes features for monitoring system status and accessing analytics

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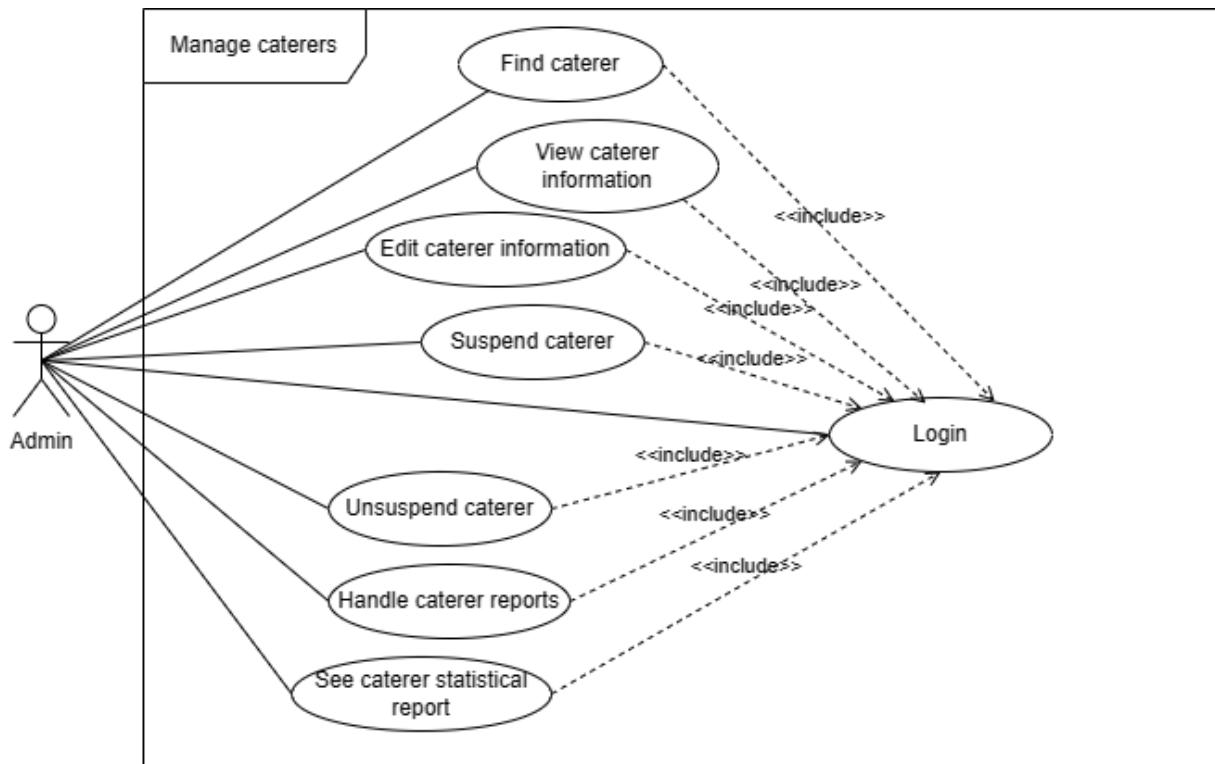
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Form No. 2A: Customer Requirements Specification (CRS)

- Purpose: This function allows Admin views detailed information
- Inputs:
- Outputs: Admin dashboard

3.4. Manage caterers: This module allows Admin to view caterer information, find caterer, suspend caterer, unsuspend caterer, edit caterer information, handle caterer reports, see caterer statistical report



3.4.1. Views caterer information:

- Purpose: This function allows Admin to view all Caterers' information
- Inputs:
- Outputs: Show all Caterers' information in a table

3.4.2. Find caterer:

- Purpose: This function allows Admin to search for Caterers
- Inputs: Searching information
- Outputs: Caterers matching searching information

3.4.3. Suspend caterer:

- Purpose: This function allows Admin to suspend a Caterer
- Inputs: An unsuspended Caterer
- Outputs: Suspend the selected Caterer

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3.4.4. Unsuspend caterer:

- Purpose: This function allows Admin to suspend a Caterer
- Inputs: A suspended Caterer
- Outputs: Unsuspend the selected Caterer

3.4.5. Edit caterer information:

- Purpose: This function allows Admin to edit a Caterer's information
- Inputs: A Caterer, new information
- Outputs: Update selected Caterer's information

3.4.6. Handle caterer reports:

- Purpose: This function allows Admin to view and handle caterer reports
- Inputs: Suspend or skip on an unhandled report
- Outputs: List of reports sent by Customers, suspend reported Caterer and change the report's status to handled if Admin choose suspend or just change the report's status to handled if Admin choose skip

3.4.7. See caterer statistical report:

- Purpose: This functions allows Admin to see Caterer statistical report
- Inputs:
- Outputs: Statistical report for Caterers' activities

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Date:

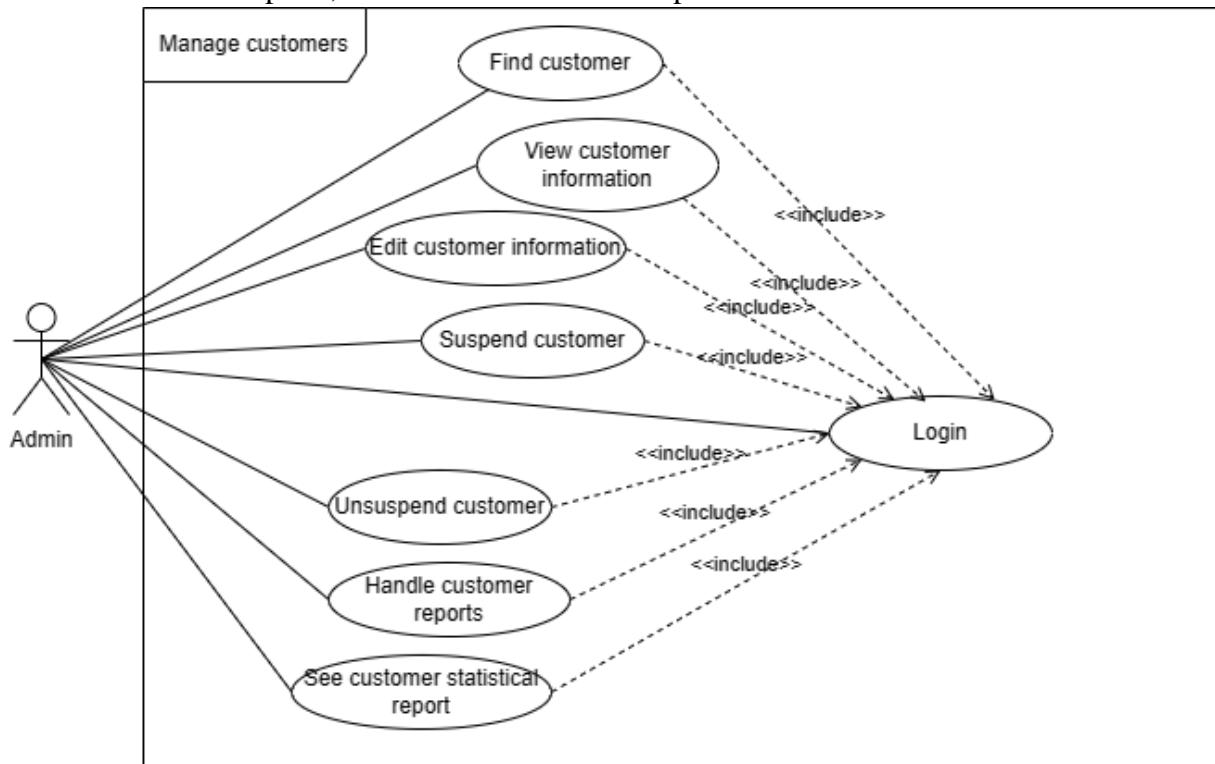
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Form No. 2A: Customer Requirements Specification (CRS)

3.5. Manage customers: This module allows Admin to view customer information, find customer, suspend customer, unsuspend customer, edit customer information, handle customer reports, see customer statistical report



3.5.1. Views customer information:

- Purpose: This function allows Admin to view all Customers' information
- Inputs:
- Outputs: Show all Customers' information in a table

3.5.2. Find customer:

- Purpose: This function allows Admin to search for Customers
- Inputs: Searching information
- Outputs: Customers matching searching information

3.5.3. Suspend customer:

- Purpose: This function allows Admin to suspend a Customer
- Inputs: An unsuspended Customer
- Outputs: Suspend the selected Customer

3.5.4. Unsuspend customer:

- Purpose: This function allows Admin to unsuspend a Customer
- Inputs: A suspended Customer

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Form No. 2A: Customer Requirements Specification (CRS)

- Outputs: Unsuspend the selected Customer

3.5.5. Edit customer information:

- Purpose: This function allows Admin to edit a Customer's information
- Inputs: A Customer, new information
- Outputs: Update selected Customer's information

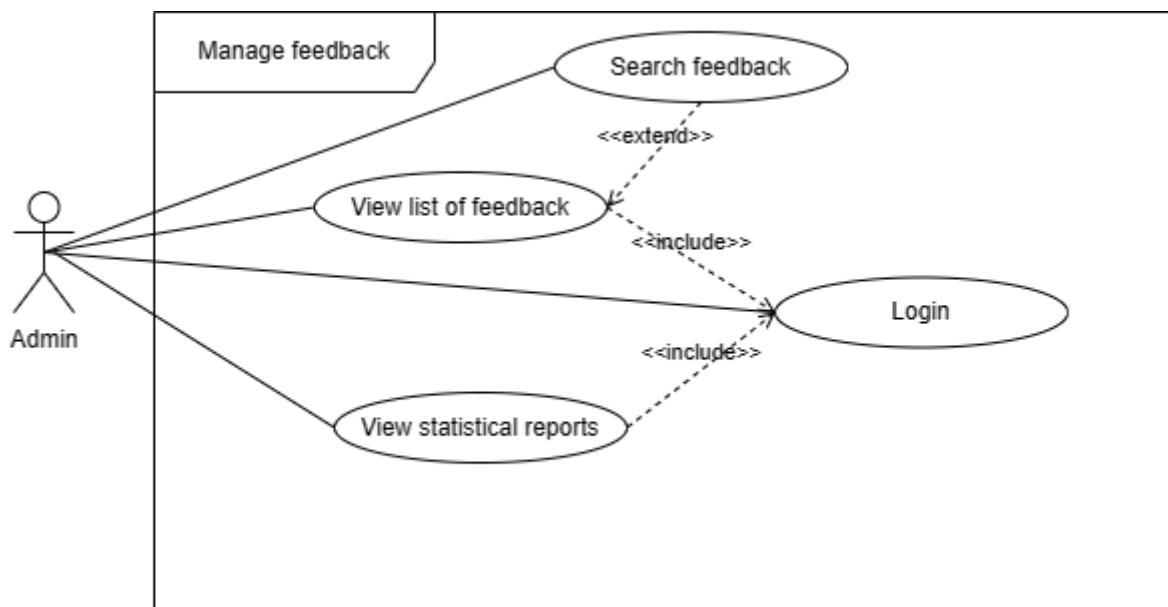
3.5.6. Handle customer reports

- Purpose: This function allows Admin to view and handle customer reports
- Inputs: Suspend or skip on an unhandled report
- Outputs: List of reports sent by Caterers, suspend reported Customer and change the report's status to handled if Admin choose suspend or just change the report's status to handled if Admin choose skip

3.5.7. See customer statistical report

- Purpose: : This functions allows Admin to see Customer statistical report
- Inputs:
- Outputs: Statistical report for Customers' activities

3.6. Manage feedback: This module allows Admin to view a list of feedback, search feedback and view statistical reports.

**3.6.1. View list of feedback:**

- Purpose: This function allows viewing a list of feedback
- Inputs: List of feedback
- Outputs: Show all feedback

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3.6.2. Search feedback:

- Purpose: This function allows search feedback
- Inputs: ID feedback
- Outputs: Information about Feedback

3.6.3. View statistical reports:

- Purpose: This function allows view statistical reports
- Inputs:
- Outputs: Show statistical reports.

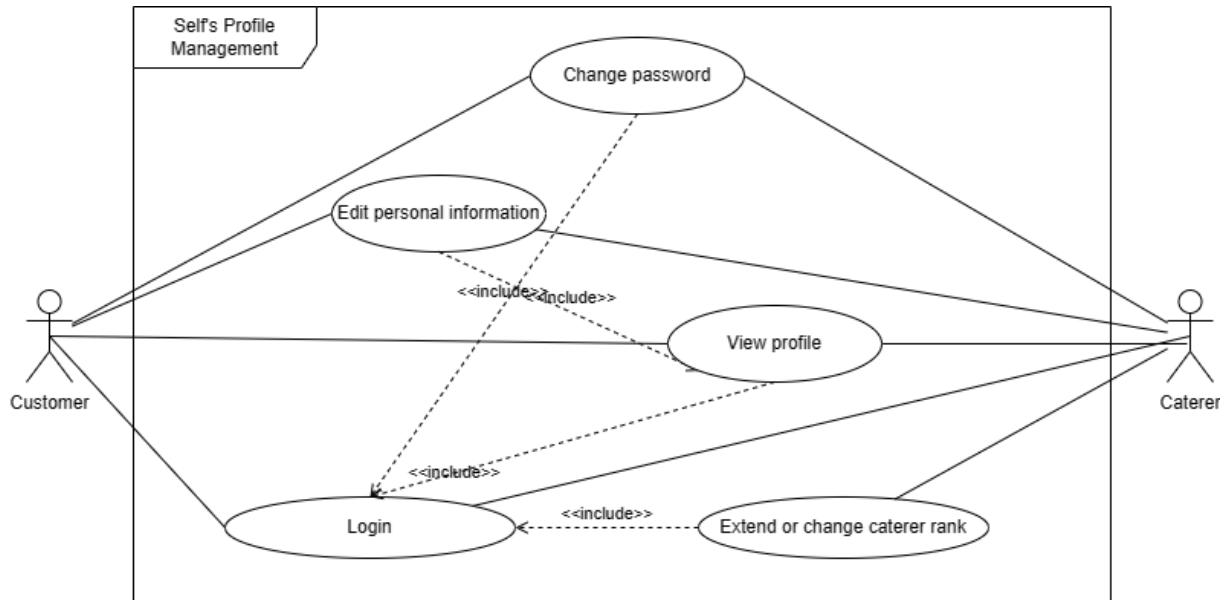
3.7. Register account: This module allows User to register an account as Customer or Caterer

- Purpose: This module allows User to register an account as Customer or Caterer
- Inputs: Information needed for the role User want to register
- Outputs: Create new account

3.8. Report other account: This module allows User to report another User

- Purpose: This module allows User to report another User
- Inputs: ID User, content of report
- Outputs: New report created and sent to admin

3.9. Manage self's profile: This module allows Users to view and edit profile, change password, extend or change caterer rank if User is a Caterer



3.9.1. View profile:

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Date:

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Form No. 2A: Customer Requirements Specification (CRS)

- Purpose: This function allows Users to view their profile
- Inputs:
- Outputs: Show the User's profile

3.9.2. Edit profile:

- Purpose: This function allows Users to edit their profile
- Inputs: New information
- Outputs: Update information of the User

3.9.3. Change password:

- Purpose: This function allows Users to change password
- Inputs: Current password, new password, confirm new password
- Outputs: Update the User's password

3.9.4. Extend or change caterer rank

- Purpose: This function allows Caterers to extend or change caterer rank
- Inputs: A caterer rank
- Outputs: Extend caterer rank of the Caterer if the selected rank is as the same as the current rank, change caterer rank if otherwise

3.10. Play minigame: This module allows Customers to play minigames to get points

- Purpose: This function allows Customers to play minigames to get points
- Inputs:..
- Outputs: Customers play minigames and get points

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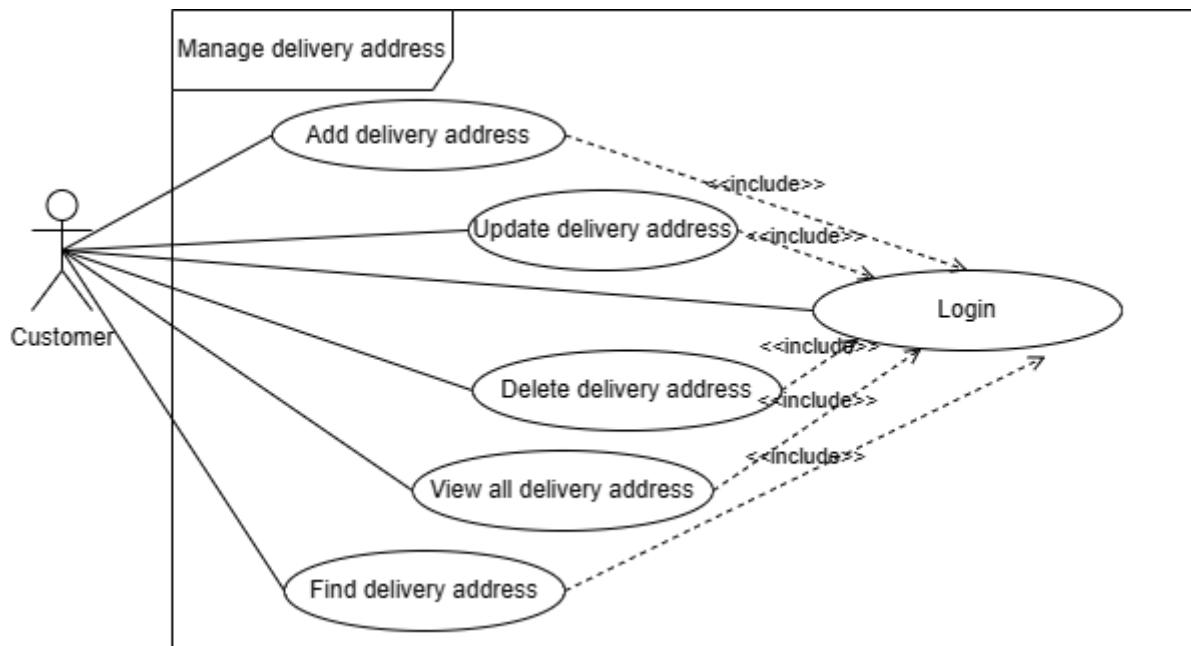
11/05/2024

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Form No. 2A: Customer Requirements Specification (CRS)

3.11. Manage delivery address: This module allows Customer to view delivery address information, find, add, edit, delete delivery addresses



3.11.1. View delivery address information:

- Purpose: This function allows Customers to view their delivery addresses' information
- Inputs:
- Outputs: Customer's delivery addresses' information in a table

3.11.2. Find delivery address:

- Purpose: This function allows Customers to find delivery addresses
- Inputs: Searching information
- Outputs: Delivery addresses matching searching information

3.11.3. Add delivery address:

- Purpose: This function allows Customers to add a delivery address
- Inputs: Delivery address information
- Outputs: Add new delivery address

3.11.4. Update delivery address:

- Purpose: This function allows Customers to update their delivery addresses
- Inputs: A delivery address, new information
- Outputs: Updated selected delivery address's information

3.11.5. Delete delivery address:

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Duy Nguyen

Date:

11/05/2024

Approved By:

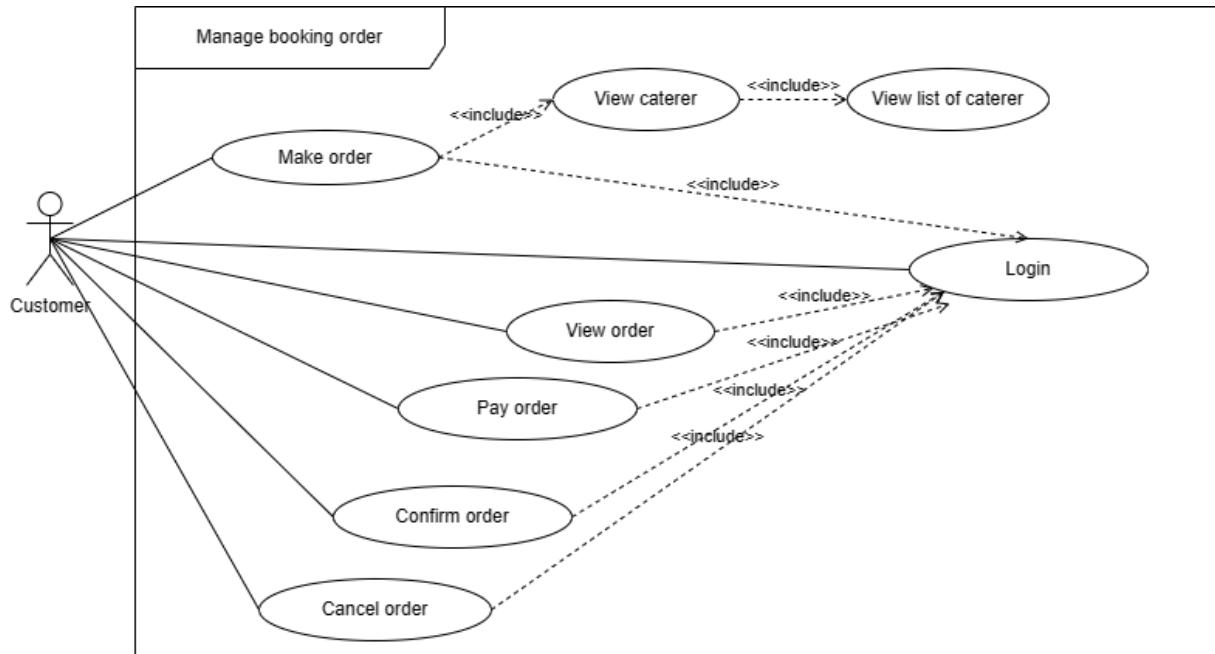
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Form No. 2A: Customer Requirements Specification (CRS)

- Purpose: This function allows Customers to delete their delivery addresses
- Inputs: A delivery address
- Outputs: Delete selected delivery address

3.12. Rate caterer: This module allows Customers to rate Caterer

- Purpose: This function allows Customers to rate caterers after booking order success
- Inputs: ID rate, star rate, comment about order
- Outputs: New rate added

3.13. Manage booking order: This module allows Customers to view, make, pay, confirm and cancel orders**3.13.1. Make order:**

- Purpose: This function allows Customers to make new order
- Inputs: ID Order, ID Caterer, list of dishes with quantity, ID Voucher (if has), point discount (if has)
- Outputs: New order added

3.13.2. View order:

- Purpose: This function allows Customers to view orders
- Inputs:
- Outputs: Show the list with information

3.13.3. Pay order:

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11/05/2024

Approved By:

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Form No. 2A: Customer Requirements Specification (CRS)

- Purpose: This function allows Customers to pay orders
- Inputs: ID Order
- Outputs: Order paid

3.13.4. Confirm order:

- Purpose: This function allows Customers to confirm whether an order is delivered or not
- Inputs: ID Order
- Outputs: Order confirmed

3.13.5. Cancel order:

- Purpose: This function allows Customers to cancel orders
- Inputs: ID Order
- Outputs: Order canceled

3.13.6. View list of caterer:

- Purpose: This function allows Customers to view all Caterers
- Inputs:
- Outputs: List of all Caterers

3.13.7. View caterer:

- Purpose: This function allows Customers to view Caterer details with list of dishes
- Inputs: ID Caterer
- Outputs: Caterer information with list of dishes

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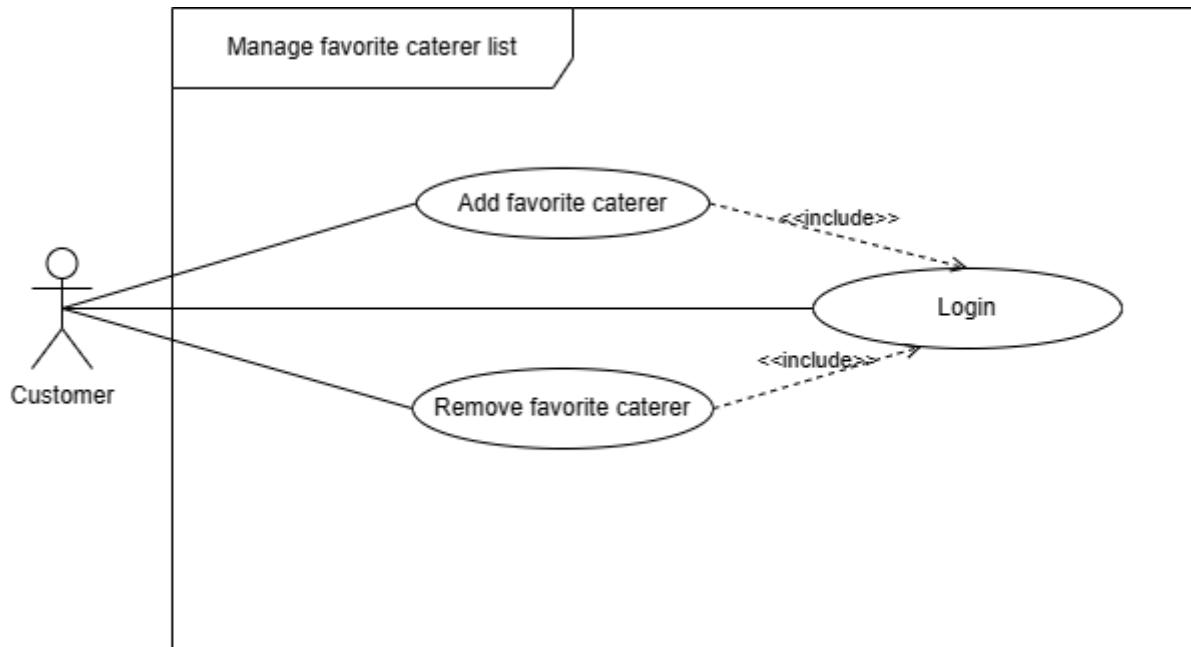
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3.14. Manage favorite caterer list : This module allows Customers to add, remove Caterers from their favorite caterer list



3.14.1. Add favorite caterer:

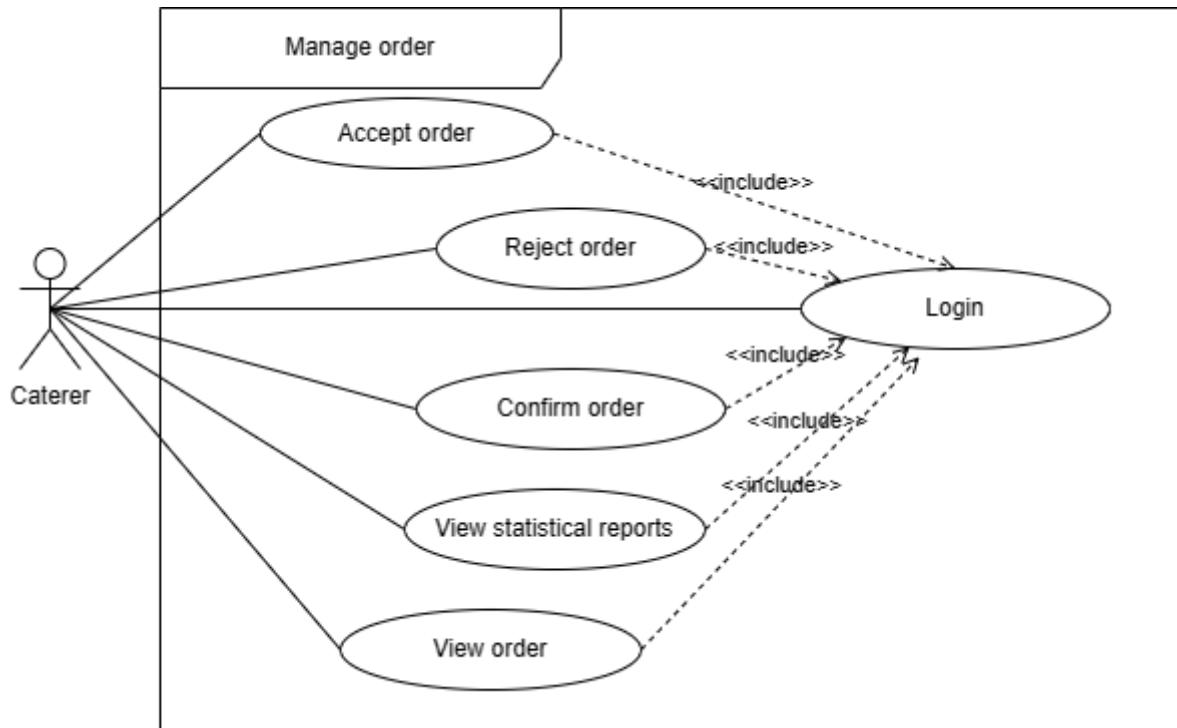
- Purpose: This function allows Customers to add new caterer in favorite list
- Inputs: ID Caterer
- Outputs: New caterer added to favorite list

3.14.2. Remove favorite caterer:

- Purpose: This function allows Customers to delete caterers from their favorite list
- Inputs: ID Caterer
- Outputs: Caterer removed from favorite list

Form No. 2A: Customer Requirements Specification (CRS)

3.15. Manage order: This module allows Caterers to view statistical reports, view, accept or reject orders pending and confirm whether an order is paid or not



3.15.1. Accept order:

- Purpose: This function allows Caterers to accept orders
- Inputs: ID Order
- Outputs: Order accepted

3.15.2. Reject order:

- Purpose: This function allows Caterers to reject orders
- Inputs: ID Order
- Outputs: Order canceled

3.15.3. Confirm order:

- Purpose: This function allows Caterers to confirm orders
- Inputs: ID order
- Outputs: Order confirmed

3.15.4. View statistical reports:

- Purpose: This function allows Caterers to view statistical reports
- Inputs:
- Outputs: Show statistical reports

3.15.5. View order:

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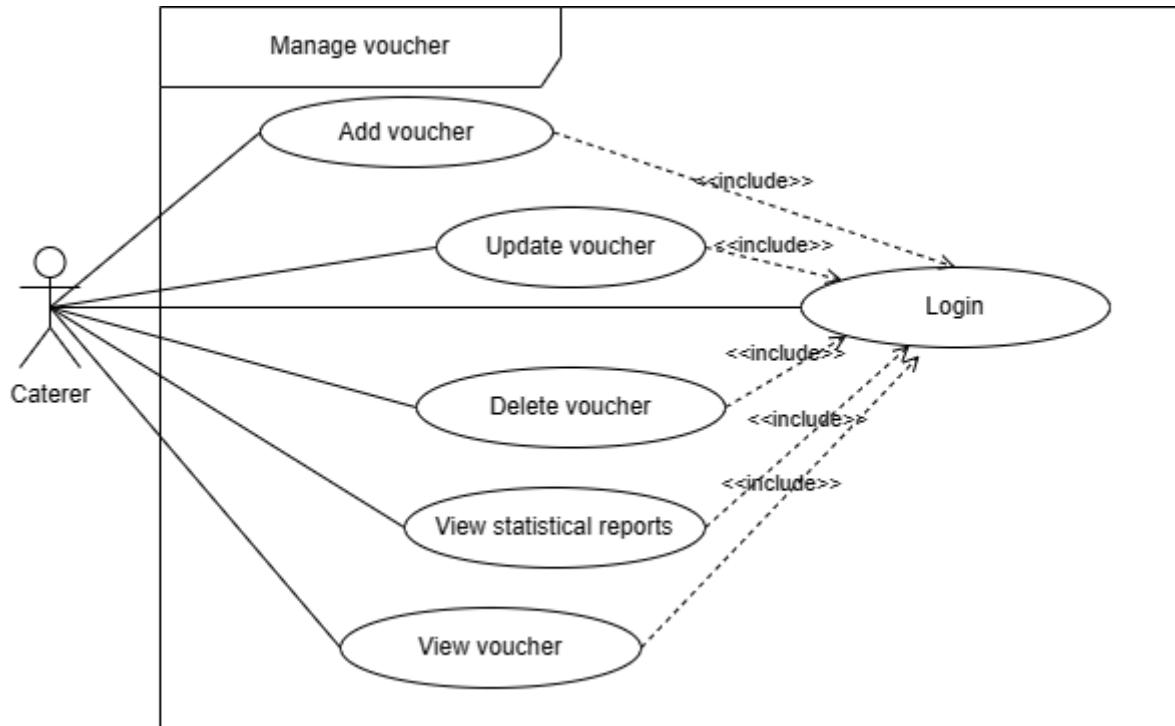
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Form No. 2A: Customer Requirements Specification (CRS)

- Purpose: This function allows Caterers to view order
- Inputs:
- Outputs: Show list of orders

3.16. Manage voucher: This module allows Caterers to add, update, delete, view statistical reports of vouchers



3.16.1. Add voucher:

- Purpose: This function allows Caterers to add new vouchers
- Inputs: ID Voucher, start date, end date, voucher value, max value
- Outputs: New voucher added

3.16.2. Update voucher:

- Purpose: This function allows Caterers to update vouchers
- Inputs: ID Voucher, new information
- Outputs: Voucher updated

3.16.3. Delete voucher:

- Purpose: This function allows Caterers to delete vouchers
- Inputs: ID Voucher
- Outputs: Voucher delete

3.16.4. View voucher:

- Purpose: This function allows Caterers to view vouchers

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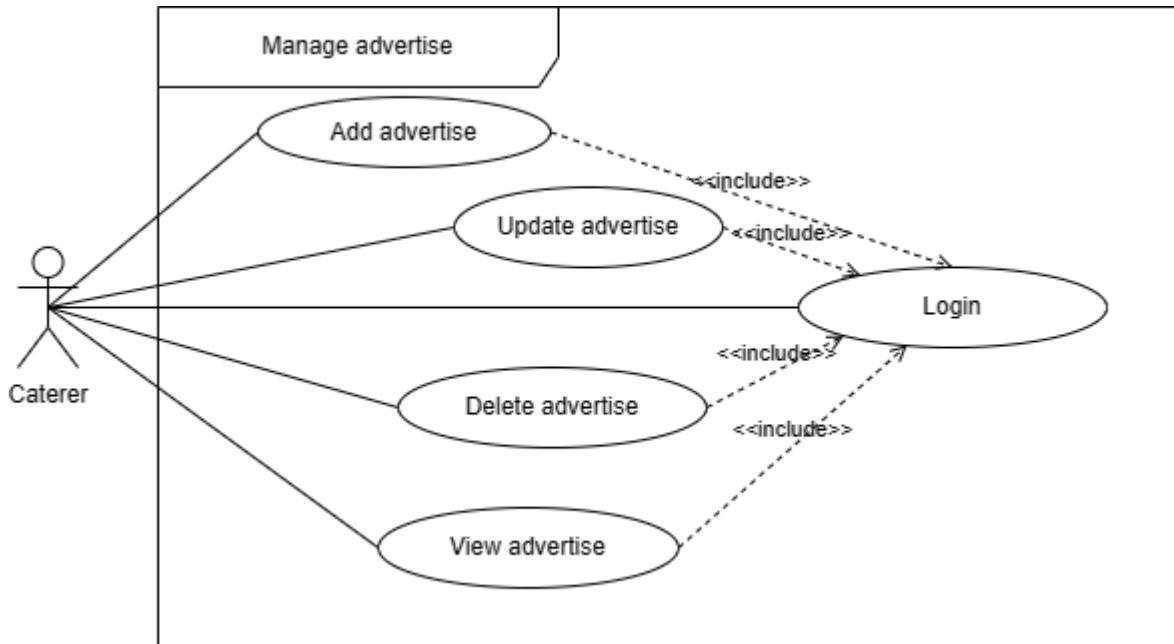
Form No. 2A: Customer Requirements Specification (CRS)

- Inputs:
- Outputs: List of vouchers

3.16.5. View statistical reports:

- Purpose: This function allows Caterers to view statistical reports of vouchers
- Inputs:
- Outputs: Show reports

3.17. Manage advertise: This module allows Caterer to add, update, delete and view statistical reports

3.17.1. Add advertise:

- Purpose: This function allows Caterers adding new advertisements
- Inputs: Advertisement image, starting date, ending date, advertisement type
- Outputs: New advertisement added

3.17.2. Update advertise:

- Purpose: This function allows Caterers to update advertisements
- Inputs: ID advertise, new information
- Outputs: Advertisement updated

3.17.3. Delete advertise:

- Purpose: This function allows Caterers to delete advertisements
- Inputs: ID advertise
- Outputs: Advertisement deleted

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Duy Nguyen

Date:

11/05/2024

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3.17.4. View advertise:

- Purpose: This function allows Caterers to view advertisements
- Inputs: ID advertise
- Outputs: List of advertisements

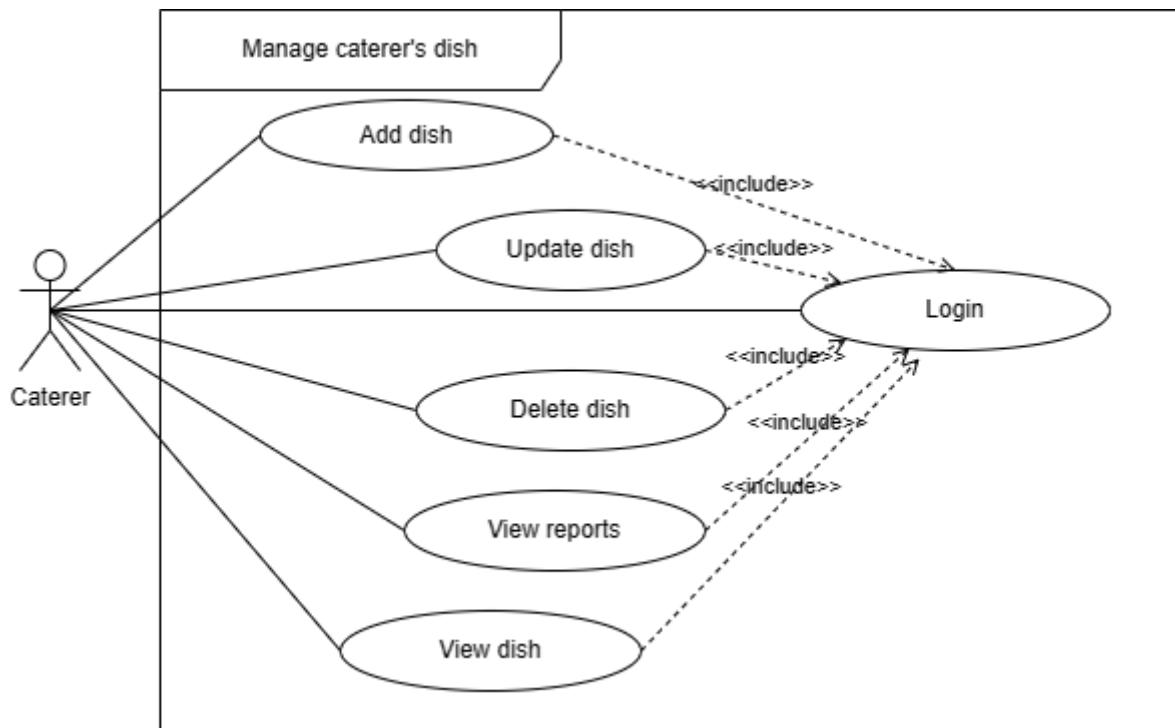
3.18. Statistics of invoices by Voucher period:

This module allows Caterer to statistics of invoices by voucher period

- Purpose: This function allows Caterer to statistics of invoices by voucher period
- Inputs:
- Outputs: Show reports

3.19. Manage caterer's dishes:

This module allows Caterer to add, update, delete, view dishes and view reports



3.19.1. Add caterer's dishes:

- Purpose: This function allows Caterers adding new caterer's dishes
- Inputs: ID Caterer, caterer's dishes price, image, description
- Outputs: New caterer's dish added

3.19.2. Update caterer's dishes:

- Purpose: This function allows Caterers to update caterer's dishes
- Inputs: ID caterer's dishes, new information

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Date:

11/05/2024

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Form No. 2A: Customer Requirements Specification (CRS)

- Outputs: caterer's dishes updated

3.19.3. Delete caterer's dishes:

- Purpose: This function allows Caterers to delete caterer's dishes
- Inputs: ID caterer's dishes
- Outputs: caterer's dishes deleted if not ordered, disabled if otherwise

3.19.4. View caterer's dishes:

- Purpose: This function allows Caterer to view the caterer's dishes
- Inputs:
- Outputs: List of caterer's dishes

3.19.5. View report:

- Purpose: This function allows Caterer to view report the caterer's dishes
- Inputs:
- Outputs: Show the reports

3.20. Send feedback: This module allows Users to send feedback to the system

- Purpose: This function allows Users to send feedback to the system
- Inputs: User's email, feedback details
- Outputs: Feedback sent

3.21. View notifications: This module allows Customer/Caterer to view notifications

- Purpose: This function allows Customer/Caterer to view notifications
- Inputs:
- Outputs: Notifications

3.22. View rating: This module allows Caterer to view rating

- Purpotse: This function allows Caterer to view rating
- Inputs:
- Outputs: The caterer's rating

3.23. View order history statistical report: This module allows Customer to view their order statistical report

- Purpose: This function allows Customer to view their order statistical report
- Inputs:
- Outputs: Show reports

4. Hardware and Software required for implementing the project

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Date:

11/05/2024

Approved By:

Duc Hung Nguyen

Form No. 2A: Customer Requirements Specification (CRS)

	Server	Client
Hardware	<p>Processor speed: 1.4GHz or faster</p> <p>Processor type: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support</p> <p>RAM: 2GB</p> <p>Hard disk space: 20GB</p> <p>Graphics card: DirectX 9 with WDDM 1.0 driver or later</p> <p>Display: 800 x 600 or higher resolution</p>	<p>Processor speed: 1GHz or faster</p> <p>RAM: 2GB</p> <p>Hard disk space: 20GB</p> <p>Graphics card: DirectX 9 with WDDM 1.0 driver or later</p> <p>Display: 800 x 600 or higher resolution</p>
Software	JDK 17, JRE 17, Tomcat, Microsoft SQL Server 2022, SQL Server Management Studio 19, SQL Server 2022 Configuration Manager, Windows 10	Web browser, Windows 10
Additional Technology	Spring Boot 3.2.5, Thymeleaf 3, JQuery, AngularJS, ChartJS, Datatables	

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Date:

11/05/2024

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CUSTOMER ACCEPTANCE CRITERIA

No.	Customer's Acceptance Criteria
1	Admin, caterers and customers can log in to use functions of the system, they can also log out and retrieve password
2	Caterers and customers can sign up to have accounts to get access to the system
3	Admin can manage caterer rank, including add new rank, view, update, delete rank and view statistical report of ranks
4	Admin have a dashboard for admin to view revenue, order, new customer and caterer with charts
5	Admin can manage caterers' information, including view, find, edit caterer information, suspend and unsuspend caterer, handle caterer reports, see caterer statistical report
6	Admin can manage customers' information, including view, find, edit customer information, suspend and unsuspend caterer, handle customer reports, see caterer statistical report
7	Admin can manage feedback, including view feedback, search for feedback and delete feedback
8	Customers can report caterers and vice versa
9	Users can manage their profile, including view, edit information, change password, send feedback, view notifications. Caterers can buy and extend their rank
10	Customers can earn roll chances by finishing orders and use them to play minigame to earn points, which can be used to discount orders's fee when ordering. Points used to discount orders's fee will be sent to the caterer, the caterer can use them to get discount when purchasing or extending rank
11	Customers can manage their delivery addresses, including view, find, add, update, delete delivery addresses
12	Customers can view their order history, give caterer rating and comments with their orders and view order history statistical report
13	Customers can view, make, pay, confirm and cancel orders
14	Customers can have their favorite caterer list, they can add new caterers or remove existing caterers from the list

Prepared By:

Hoang Trieu Vo

Date:

11/05/2024

Approved By:

Duc Hung Nguyen

Form No. 2B: Customer Acceptance Criteria

15	Caterers can view statistical reports of orders, view, accept or reject orders pending and confirm whether an order is paid or not
16	Caterers can add, update, delete, view statistical reports of vouchers
17	Caterers can add, update, delete and view statistical reports of advertisement banners
18	Caterers can view their vouchers' statistical report by period
19	Caterers can add, update, delete, view dishes and view reports of their dishes
20	Caterers can view rating given by customers

Prepared By:

Hoang Trieu Vo

Date:

11/05/2024

Approved By:

Duc Hung Nguyen

PROJECT PLAN

I. Project Details

Name of the Client: **Plate Portal**

1. Date of the Project Plan: 22/04/2024 to 10/06/2024
2. Project Vision/Objectives: (Define the project vision/objectives as stated by the client)

Model Deployment:

The platform functions as a marketplace where customers can select catering options from various caterers. Caterers, on the other hand, can showcase their menus and offerings on the platform, allowing customers to make informed decisions. Once a customer selects a caterer and places an order, the platform facilitates communication and coordination between the customer and the caterer, ensuring smooth delivery of services.

Project Vision:

- To provide a convenient and time-saving solution for customers by eliminating the need for lengthy visits and meetings with caterers.
 - To offer affordable pricing for a wide range of menus, ensuring that customers can find options that suit their budget and taste.
 - To ensure fast and reliable service delivery, enhancing customer satisfaction and trust.
3. Scope: (Mention the scope of the project giving the location that will be covered, processed, range of services, and so on)
 - Customers: Can register an account and log in, can choose a service provider, choose dishes from that provider, leave a review after using the service, view favorite list, play minigame to earn a coupon
 - Caterer: Can register an account and log in, post the dishes you offer and register for their level account, register for advertising to appear prominently on the website
 - Admin: Can manage customers and caterers, manage feedback, review statistics, suspend account
 4. Our understanding of the client organization: (Give the range of services, functions, overview of processes, and so on)

Prepared By:

Phuc Loc Nguyen

Date:

11/05/2024

Approved By:

Duc Hung Nguyen

Online Catering provides a range of services and functions to address issues in catering organization. Specifically, this website allows:

- Administrators to manage customers and caterers, providing reports related to their activities.
- Customers to order catering services, rate and provide feedback on caterers services, participate in small games for entertainment and reward points.
- Caterers to manage their menu, discount vouchers for promotion, and advertise themselves to attract more customers.

In summary, the website offers an online platform to connect customers and caterers, making it easy and convenient for them to search for and provide catering services.

5. Project Organization with Responsibilities and Authorities (give the name of Project team members their roles and responsibilities):

No	Member	Roles	Responsibilities
1	Duc Hung Nguyen	Leader	Requirements, Design, Development, Testing, Deployment
2	Duy Nguyen	Member	Requirements, Design, Development, Testing, Deployment
3	Hoang Trieu Vo	Member	Requirements, Design, Development, Testing, Deployment
4	Phuc Loc Nguyen	Member	Requirements, Design, Development, Testing, Deployment

II. Project Initiation/Requirement Documents (information required from the client as inputs regarding his/her system; could be the information about the services, processes, and so on)

- <https://thecaterers.vn/>

III. Deliverables (the documents to be handed over to the client - such as CRS, Design Document, Installation Manual, User Manual, Maintenance Manual, and Code of documents)

- After completing the project, the following will be handed over to the client: User Manual, Installation Guide, Source Code, Documentation.

IV. Project Dependencies (any event or task outside the scope of the project which will affect the success of the project)

Prepared By:

Phuc Loc Nguyen

Date:

11/05/2024

Approved By:

Duc Hung Nguyen

Form No. 3: Project Plan

- The events encountered during project execution: unexpected computer errors, code consolidation without synchronization leading to non-functionality, varying progress among team members resulting in timeline discrepancies

V. Major Project Milestones (Generating CRS, Building a Prototype, Gantt - describe the main milestones of the project)

Task name	Week 1					Week 2					Week 3					Week 4				
	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F
Requirements	Y	Y	Y																	
Design				Y	Y	Y	Y	Y	Y	Y										
Development											Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Testing											Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Deployment																				

Task name	Week 5					Week 6					Week 7								
	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F				
Requirements																			
Design																			
Development	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									
Testing	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									
Deployment																			Y

VI. Quality Plan

1. Review Activities (Review meeting participants, frequency, and so on)
 - The project team will meet once a week to consolidate code and provide unified solutions for encountered issues
2. Testing Activities (Final Test)
 - Unit Test
3. Backup and Recovery Strategies (In case of disk crash, network failures, and so on)

Prepared By:

Phuc Loc Nguyen

Date:

11/05/2024

Approved By:

Duc Hung Nguyen

Form No. 3: Project Plan

- Each member stores their code individually, and the team uses a common GitHub for this project to update their code after each addition, modification, or deletion. GitHub supports data backup so we can restore it when needed
- GitHub: <https://github.com/dradvm/JavaWebProject>

Prepared By:

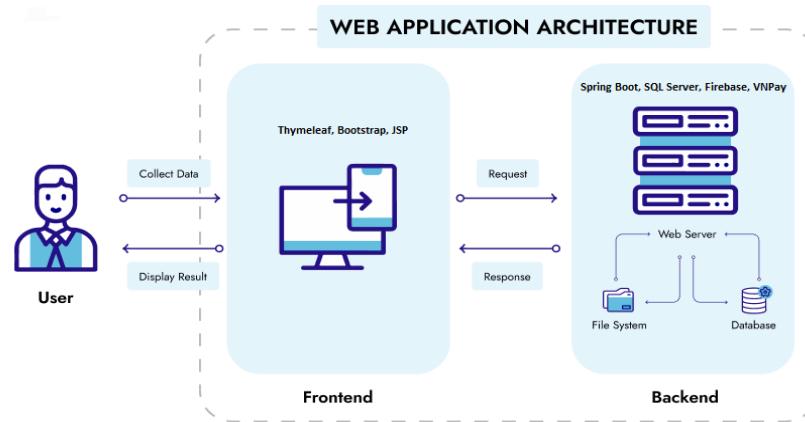
Phuc Loc Nguyen

Date:

11/05/2024

Approved By:

Duc Hung Nguyen

ARCHITECTURE & GUI STANDARD OF APPLICATION**1. Architecture of Application****2. GUI Standard Application**

Property	Value
Document Theme and Color Scheme	White green
Form - Background Color	White
Title - Font Size	16
Title - Font Color	Black
Title - Font Style	Bold
Title - Alignment	Left, right, center
Background color of Controls on the form	Blue, green, red
Foreground color of Controls on the form	White
Control Caption - Font Size	14
Control Caption - Font Color	Black
Control Caption - Font Style	Bold
Control caption and controls - Alignment	Left
Command button - Alignment	Center

INTERFACE DESIGN DOCUMENT

1. Login form

- **Description:** This form allows users to log in to the Plate Portal web application with specific roles such as Customer, Caterer, or Admin.
- **Control on the document :**
 - Email : Cannot be empty or contain only spaces.
 - Password: Cannot be empty or contain only spaces.
- **UI Design:**

The screenshot shows a clean, modern login interface. The header 'PLATE PORTAL' is in a large, lowercase, sans-serif font. The input fields are clearly labeled with icons: a person icon for 'Email' and a lock icon for 'Password'. The 'Forgot password?' link is a standard blue color. The 'Login' button is a prominent green rectangle. The overall design is minimalist and user-friendly.

2. Sign up form

- **Description:** This form allows users to sign up for the Plate Portal web application with specific roles such as Customer or Caterer.
- **Control on the document :**
 - You are : Select input with two values: “Customer” and “Caterer”.
 - Email: Cannot be empty, contain only spaces, and must match the email regex.
 - Password: Cannot be empty, contain only spaces, and must have at least 8 characters.

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 5: Interface Design Document

- Full name: Cannot be empty or contain only spaces.
- Phone: Cannot be empty, contain only spaces, and must match the phone regex.
- Gender: Select input with two values: “Male” and “Female”.
- Birthday: Date input.
- Address: Cannot be empty or contain only spaces.
- Select input below address and on the left: List of city values.
- Select input below address and on the right: List of district values from the selected city.
- Description: Display if select input “You are” is “Caterer”.

- **UI Design:**

The screenshot shows a registration form titled "PLATE PORTAL". The form fields include:

- You are a***: A dropdown menu showing "Customer".
- Email***: An input field with a placeholder "Your email".
- Password***: An input field with a placeholder "Your password".
- Full name***: An input field with a placeholder "Your name".
- Phone ***: An input field with a placeholder "Your phone number".
- Gender***: A dropdown menu showing "Male".
- Birthday ***: An input field with a placeholder "nn/mm/yyyy" and a date picker icon.
- Address***: An input field with a placeholder "Your address".
- City Selection**: Two dropdown menus showing "Can Tho" and "Cai Rang".
- Submit**: A large green button.
- Link**: A link at the bottom saying "Already have an account? [Login](#)".

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

PLATE PORTAL

You are a* Caterer

Email* Your email

Password* Your password

Full name* Your name

Phone* Your phone number

Birthday nn/mm/yyyy

Gender* Male

Address* Your address

Payment information* Your payment description, ex: NCB 0123456789

Description Your description

Submit

Already have an account? [Login](#)

3. Verification sign up form

- Description:** This form allows users to enter the verification code sent to the user's signup email.
- Control on the document :**
 - Code input : Only numbers, cannot be empty, must be 6 digits.
- UI Design:**

We have sent an email with a 6-digit verification code to
nduya22009@cusc.ctu.edu.vn

Enter code

Submit

Prepared By:

Hoang Trieu Vo

Date:

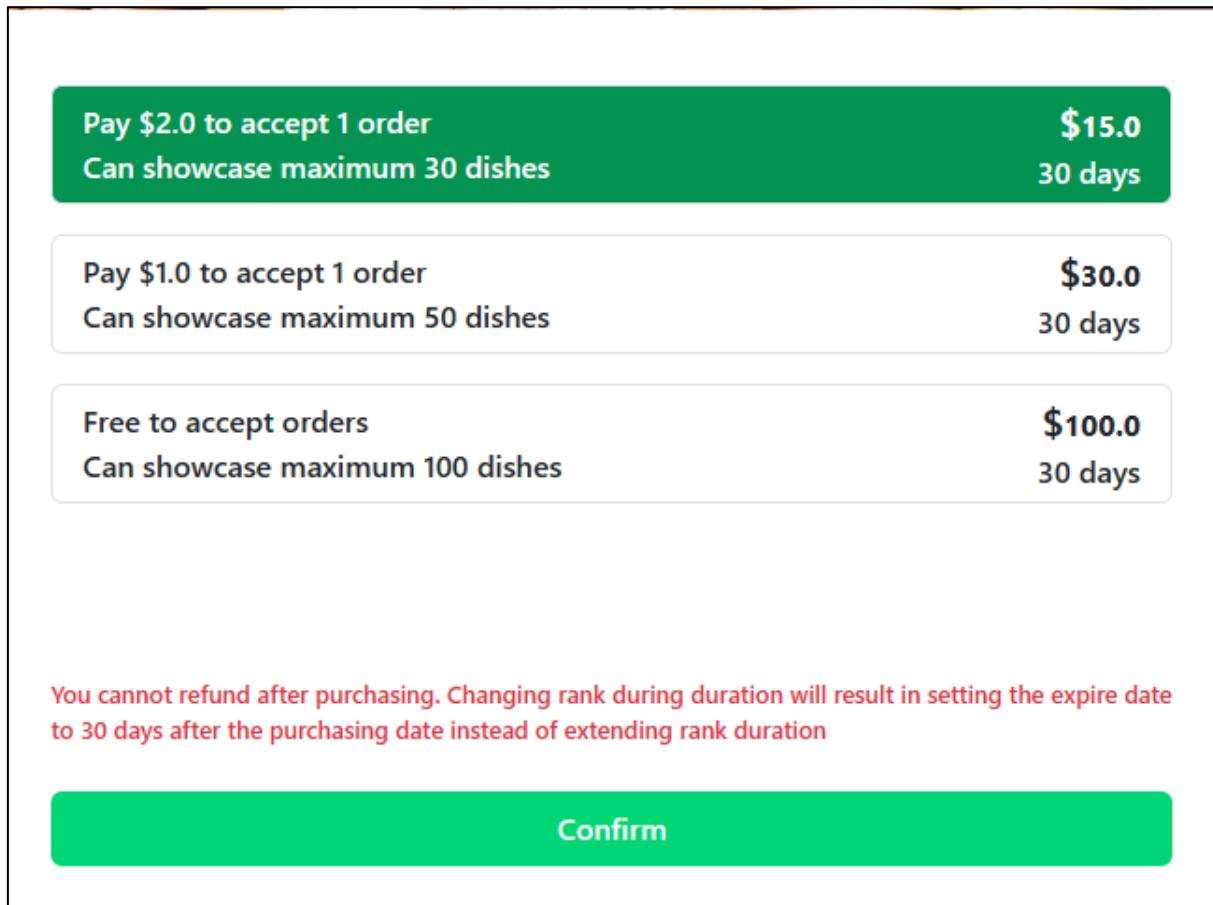
21/05/2024

Approved By:

Duc Hung Nguyen

4. Buy rank form

- **Description:** This form allows user to choose a rank type for their caterer.
- **Control on the document :**
 - List of caterer rank: Default to the first item.
- **UI Design:**



5. View list caterer form

- **Description:** This form allows user view list of caterer.

Prepared By:

Hoang Trieu Vo

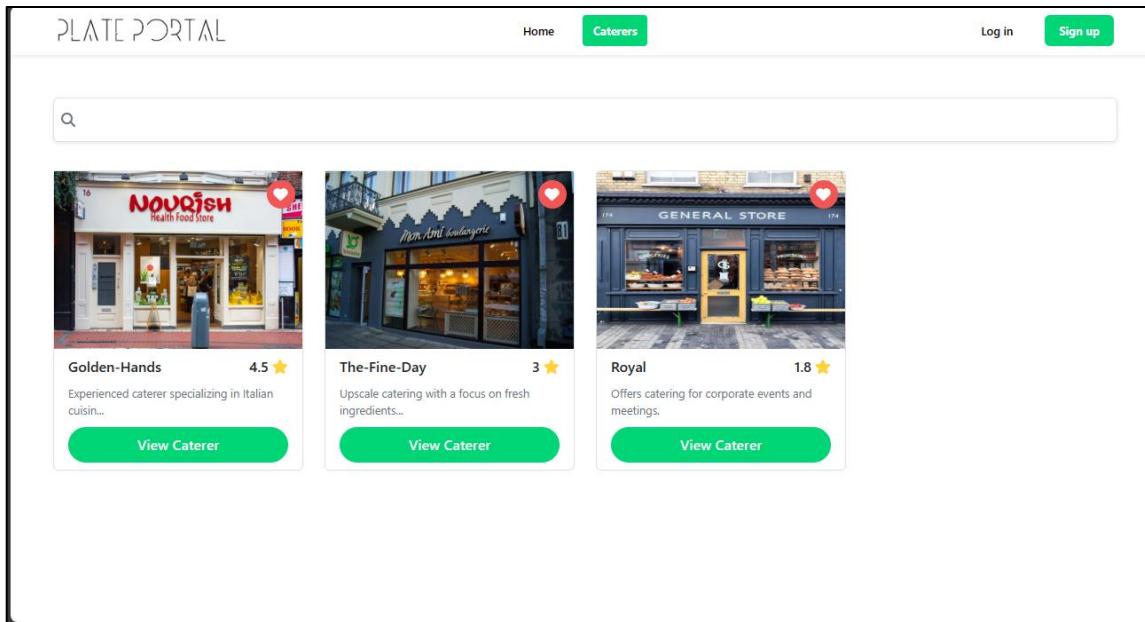
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

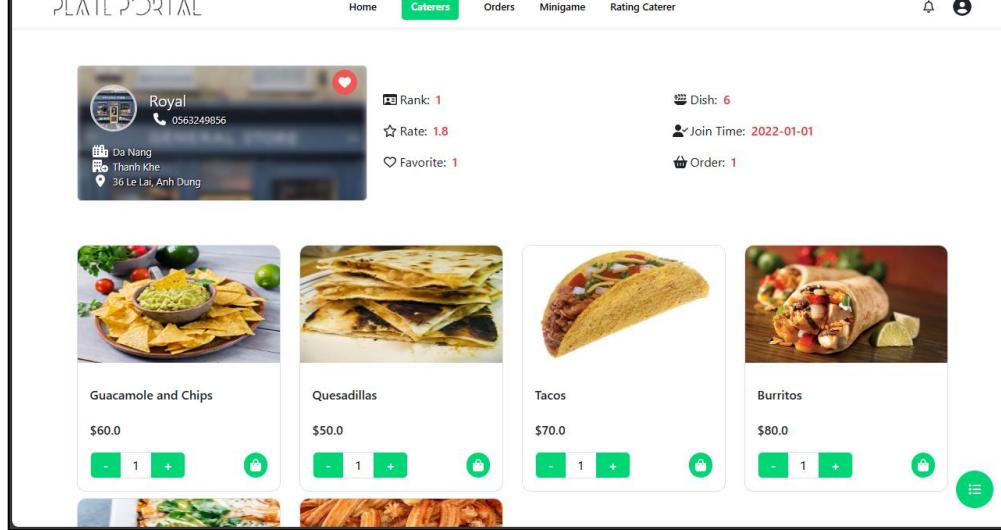
- **UI Design:**



6. View caterer details form

- **Description:** This form allows user to view details of caterer.
- **Control on the document :**
 - Group of quantity input : Displays if the user is not a Caterer, default value is 1, "+" to increase value, "-" to decrease value.
 - Add button: Displays if the user is not a Caterer, adds dish with quantity to order.
 - Modal button: Displays if the user is a Customer, controls the order modal.

- **UI Design:**



Prepared By:

Hoang Trieu Vo

Date:

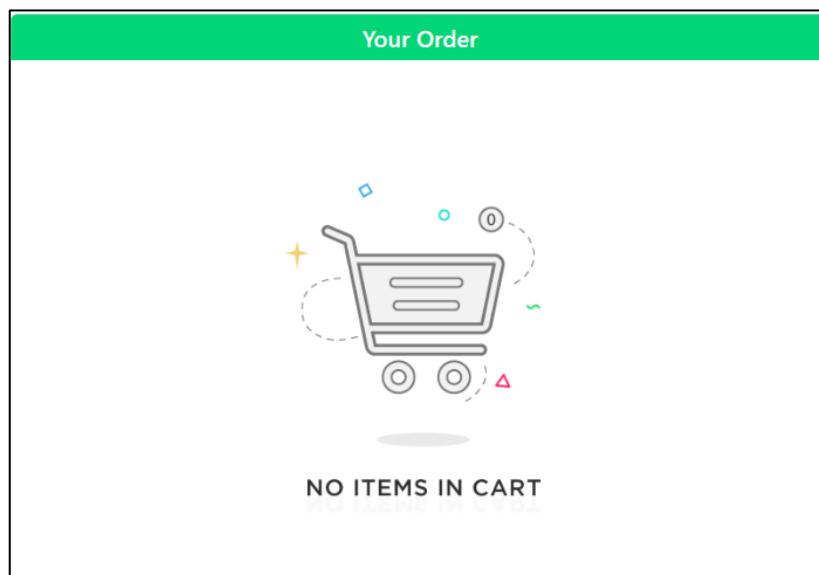
21/05/2024

Approved By:

Duc Hung Nguyen

7. Order form

- **Description:** This form allows customer to make order.
- **Control on the document :**
 - Order form : Displays an image of no items in the cart if no dish is selected. If not, it shows the order form.
 - Voucher: Select input with available vouchers.
 - Use point input: Select input with two values: "Yes" and "No".
 - Order time: Cannot be empty, must match the order time regex (yyyy-MM-dd HH:mm).
 - Select input for address delivery: Select input with two values: "Use new address" or "Use your available delivery address".
 - Delivery address: Displays if the value of the select input "address delivery" is "Use new address".
 - Select input below the select input for delivery address: Select input with values of City and District if the select input "address delivery" is selected. If not, its value is the available delivery address of the customer.
- **UI Design:**



Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Your Order

	Guacamole and Chips \$60	-	4	+	240	
	Quesadillas				\$50	
	Tacos	-	1	+	70	

Voucher: No voucher

Use Point?: No

Order time (yyyy-MM-dd HH:mm)*:

Delivery address*:

Cai Rang, Can Tho

Total \$360

Note

Make order

8. Customer orders form

- **Description:** This form allows customer to view their order and change state.
- **Control on the document :**
 - New order button: Directs to the view list caterer form.
 - Cancel button: Cancels the order.
 - Pay button: Displays a confirmation message showing payment information of the caterer for the order.
 - Confirm button: Confim the order.
 - Report button: Displays a prompt for reporting.
 - Dishes button: Displays order details and information.

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- **UI Design:**

The screenshot displays two views of the Plate Portal application. The top view is the 'Orders' section, which lists five catering entries. The bottom view is a detailed 'Order Details' modal.

Orders Section Data:

Caterer	Created Date	Order Date	State	Dishes	Value	Note	Action
Golden Hands	2024-06-01	2024-06-30 11:00:00.0	Waiting	Dishes	1790.0		<button>Cancel</button> <button>Print</button>
Golden Hands	2024-05-15	2024-06-22 18:00:00.0	Accepted	Dishes	500.0		<button>Pay</button> <button>Cancel</button> <button>Print</button>
Golden Hands	2024-02-25	2024-03-19 17:00:00.0	Finished	Dishes	200.0		<button>Print</button>
Happy Chew	2024-02-25	2024-03-18 13:00:00.0	Cancelled	Dishes	360.0		<button>Print</button>
Royal	2024-02-25	2024-03-19 14:00:00.0	Paid	Dishes	120.0	Be careful	<button>Confirm</button> <button>Print</button>

Order Details Modal Data:

Image	Name	Quantity	Price	Address
	Bun Bo Hue	6	100	35 Nguyen Trai, Cai Rang, Can Tho
	Pho Bo	6	120	Point discount:0 Voucher discount:10
	Goi Cuon	6	80	

9. Minigame form

- **Description:** This form allows customers to spin to earn points.
- **Control on the document :**
 - Spin button: Rolls the spinning wheel.
- **UI Design:**

Prepared By:

Hoang Trieu Vo

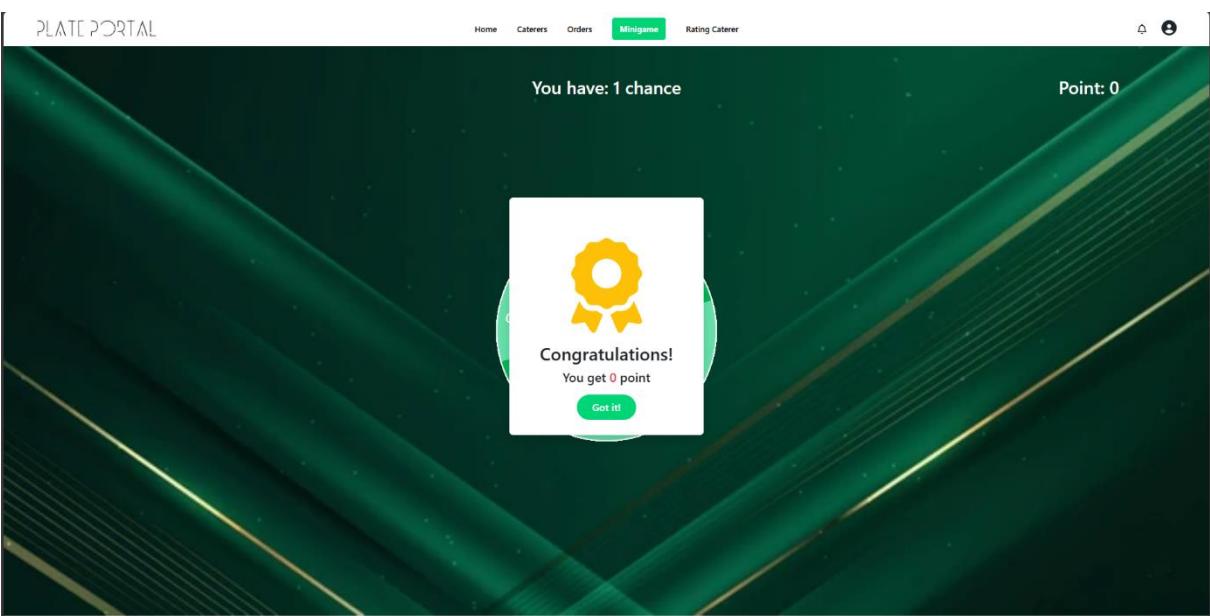
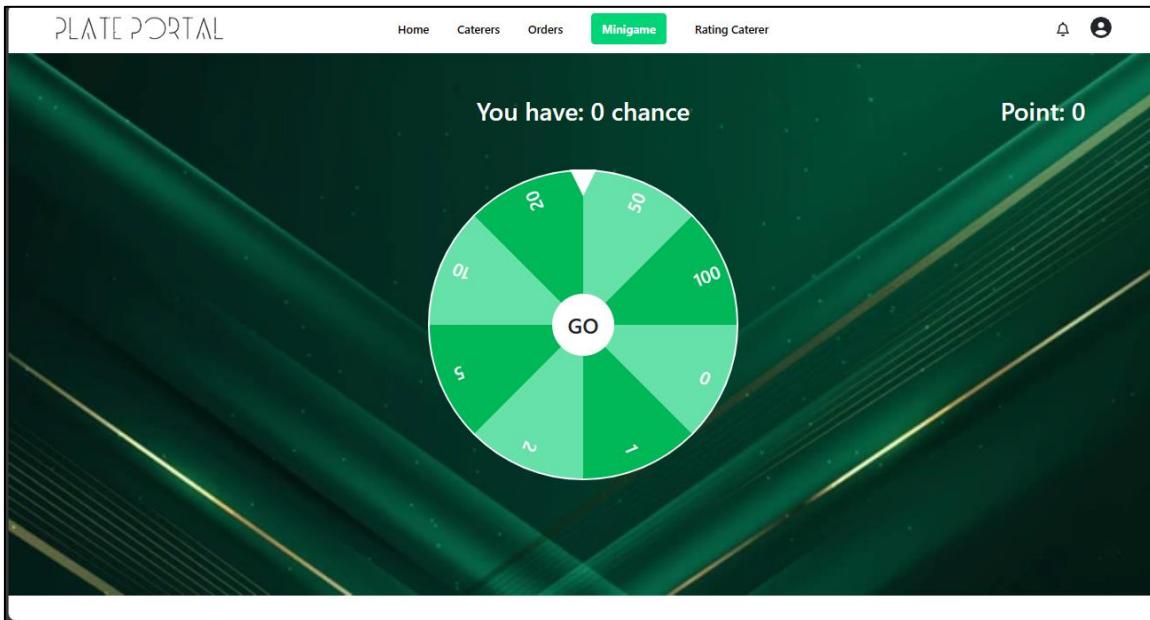
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 5: Interface Design Document



Prepared By:

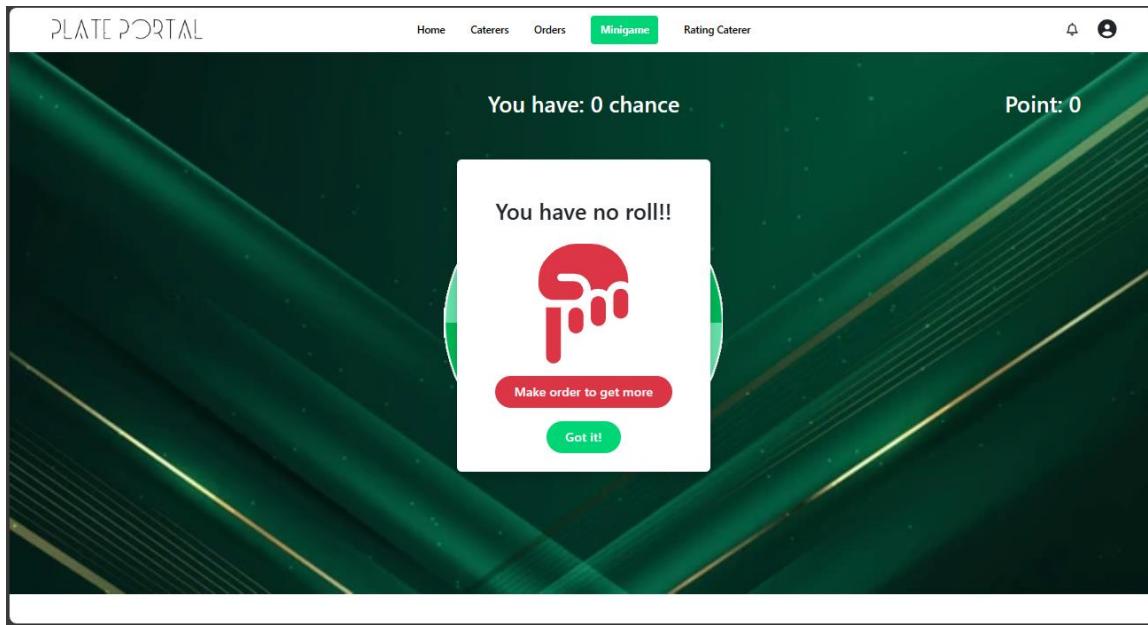
Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen



10. Caterer orders form

- **Description:** This form allows caterer to view their orders and change state.
- **Control on the document :**
 - Select report type: Select input with 3 value: “By Day”, “By Month” and “By Year”.
 - Reject button: Displays a prompt for reason reject order.
 - Accept button: Direct to Payment page
 - Confirm button: Confirm the order.
 - Report button: Displays a prompt for reporting.
 - Dishes button: Displays order details and information.
- **UI Design:**

Prepared By:

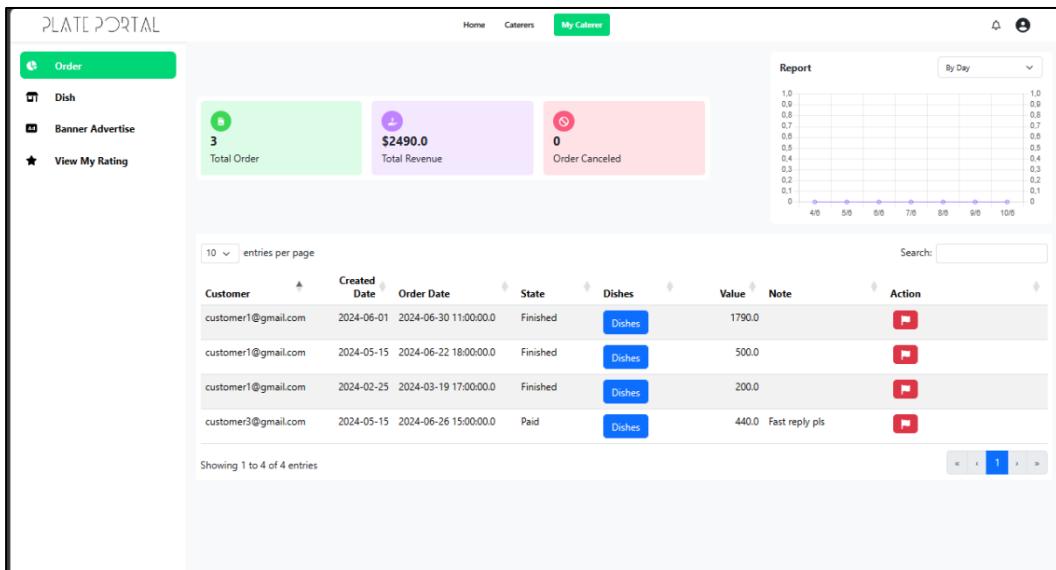
Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen



11. View dish form

- Description:** This form allows caterer to views their dishes.
- Control on the document :**
 - Add new dish button: Directs to “Add dish form”.
 - Edit button: Directs to “Edit dish form”.
 - Delete button: Delete dish.
 - Statistical report button: Directs to “Statistical report dishes”.
- UI Design:**

Image	Name	Description	Price	Order	Quantity	Action
	Bun Bo Hue	Bun Bo Hue is a spicy noodle soup from Hue, Vietnam.	100.0	2	7	
	Pho Bo	Pho Bo is a Vietnamese beef noodle soup with a rich broth.	120.0	0	0	
	Goi Cuon	Goi Cuon are fresh spring rolls filled with vegetables, meat, and shrimp.	80.0	0	0	
	Banh Mi	Banh Mi is a Vietnamese baguette filled with savory ingredients.	50.0	0	0	

12. Add dish form

- Description:** This form allows caterer to add dish.

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- **Control on the document :**

- Dish Name : Can not empty.
- Dish Image: Can not empty.
- Dish Description: Can not empty.
- Dish Price: Can not empty, must be digits greater than 0.01.
- Cancel button: Direct to “View dish form”.

- **UI Design:**

The screenshot displays the PLATE PORTAL application's interface. At the top, there is a navigation bar with links for Home, Caters, and My Caterer. On the left side, a vertical sidebar contains a navigation menu with four items: Order, Dish (which is highlighted with a green background), Banner Advertise, and View My Rating. The main content area is titled "Edit dish". It features several input fields: "Dish Name" (empty), "Dish Image" (placeholder text "Chọn tệp / Không tệp nào được chọn"), "Dish Description" (empty), and "Dish Price" (empty). Below these fields are two buttons: "Save" and "Cancel".

13. Edit dish form

- **Description:** This form allows caterer to edit information of dish.

- **Control on the document :**

- Dish Name : Can not empty.
- Dish Image:
- Dish Description: Can not empty.
- Dish Price: Can not empty, must be digits greater than 0.01.
- Cancel button: Direct to “View dish form”.

- **UI Design:**

Prepared By:

Hoang Trieu Vo

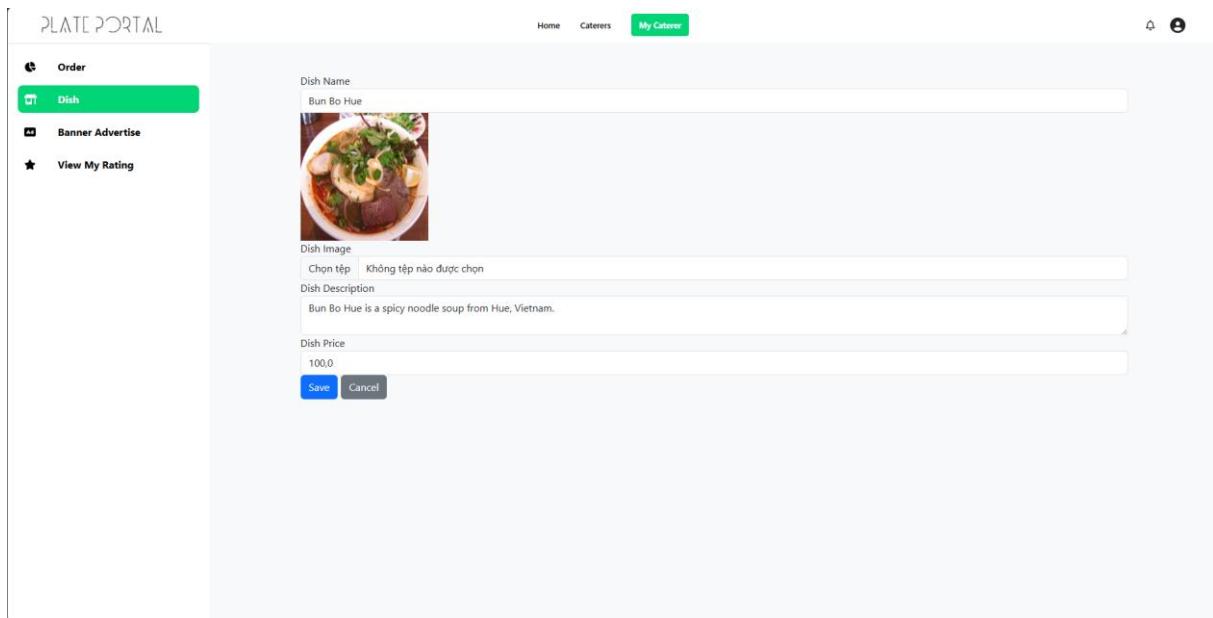
Date:

21/05/2024

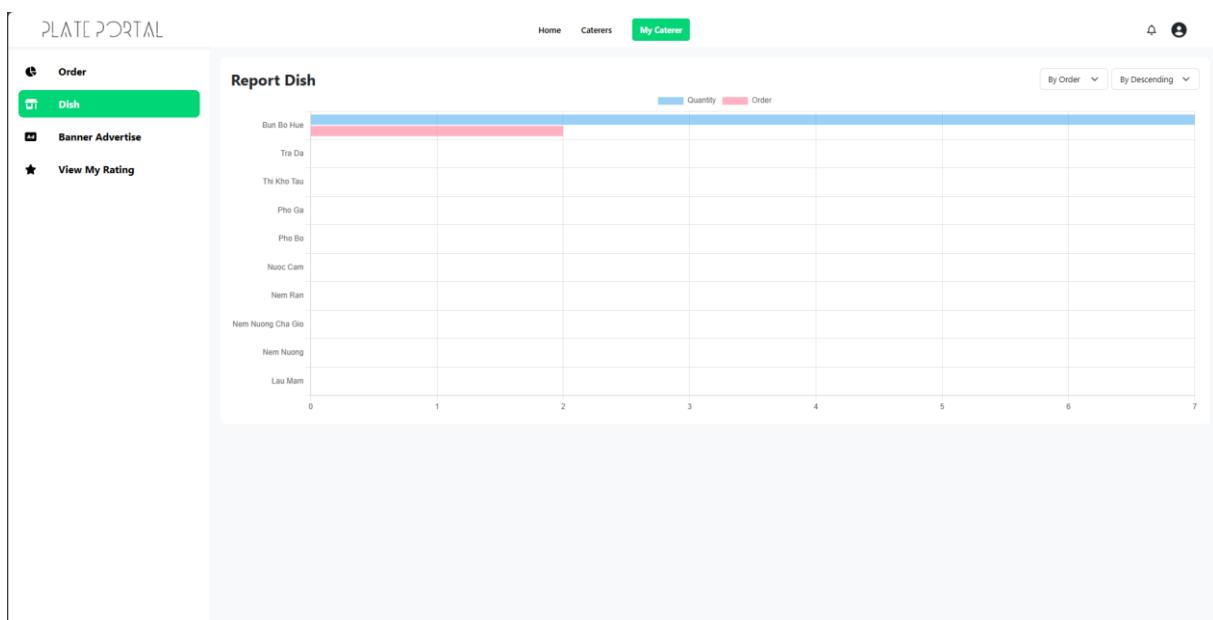
Approved By:

Duc Hung Nguyen

Form No. 5: Interface Design Document

**14. Statistical report dishes form**

- Description:** This form allows caterer view statistical report dishes.
- Control on the document :**
 - Select input Type: Select input with two values: “By Order” and “By Quantity”.
 - Select input Sort: Select input with two values: “By Descending” and “By Ascending”.
- UI Design:**

**15. Admin dashboard form**

Prepared By:

Hoang Trieu Vo

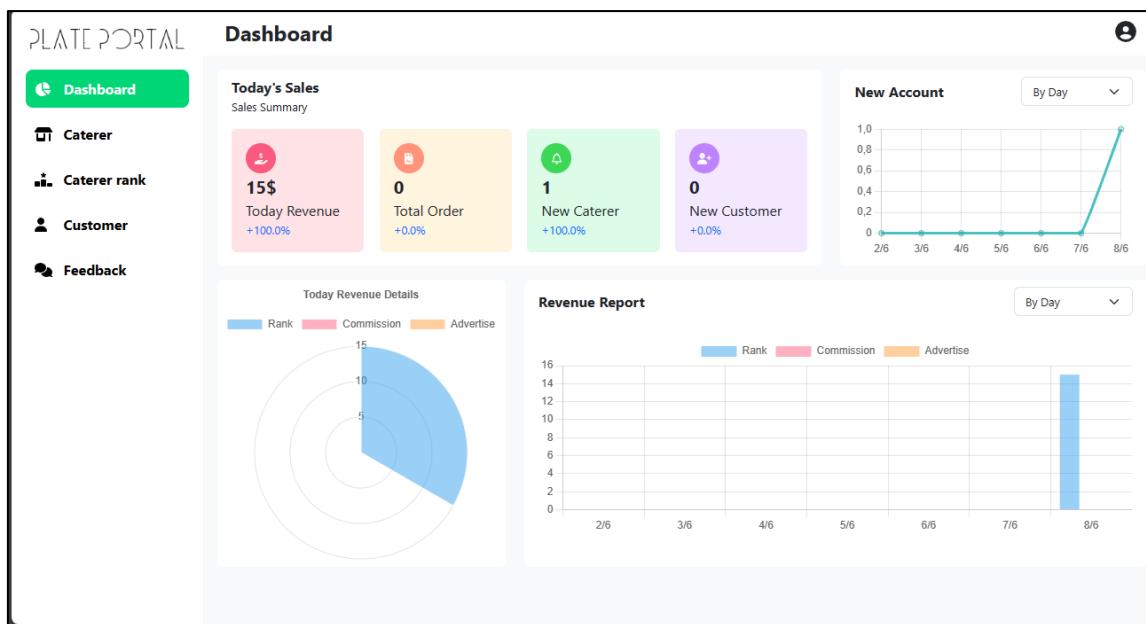
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- Description:** This form allows Admin to view dashboard include line chart, polar chart, bar chart and information today sales.
- Control on the document :**
 - Select input new account : Select input with three values: “By Day”, “By Month”, “By Year”.
 - Select input revenue report: Select input with three values: “By Day”, “By Month”, “By Year”.
- UI Design:**



16. Manage caterer form

- Description:** This form allows admin to view list of caterer, edit, suspend or unsuspend caterer.
- Control on the document :**
 - Edit button: Direct to “Edit information caterer form”.
 - Suspend and Unspend button: change state of caterer.
- UI Design:**

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 5: Interface Design Document

Manage Caterer											
		Manage information		Handle reports		Statistical reports					
		Search: <input type="text"/>									
Caterer		Email	Rank	Rank ending date	Rating	Full name	Phone	Address	Create date	Active	Actions
Caterer rank		caterer1@gmail.com	\$15.0	17-07-2024	4.5	Golden Hands	0987654321	123 Nguyen Van Linh, Tan Thuan Tay, District 7, Ho Chi Minh City	10-02-2022	Active	<button>Edit</button> <button>Suspend</button>
Customer		caterer2@gmail.com	\$30.0	31-05-2024	4.2	Something Snacky!	0123456789	456 Le Loi, Hoang Van Thu, Hong Bang, Hai Phong	01-01-2022	Suspended	<button>Edit</button> <button>Unsuspend</button>
Feedback		caterer3@gmail.com	\$100.0	01-07-2024	3.0	The Fine Day	0156418944	456 Le Loi, Hoang Van Thu, District 7, Ho Chi Minh City	01-01-2022	Active	<button>Edit</button> <button>Suspend</button>
		caterer4@gmail.com	\$15.0	01-05-2024	2.2	Happy Chew	0468531953	10 Nguyen Trai, An Binh, Ha Dong, Ha Noi	01-01-2022	Active	<button>Edit</button> <button>Suspend</button>
		caterer5@gmail.com	\$15.0	01-07-2024	1.8	Royal	0563249856	36 Le Lai, Anh Dung, Thanh Khe, Da Nang	01-01-2022	Active	<button>Edit</button> <button>Suspend</button>
		nduya22009@cusc.ctu.edu.vn	\$15.0	08-07-2024		Nguyễn Duy	0343397445	Can Tho, Le Chan, Hai Phong	08-06-2024	Active	<button>Edit</button> <button>Suspend</button>

17. Handle reports caterer form

- Description:** This form allows Admin to view the reports from customer to caterer and can suspend or skip.
- Control on the document :**
 - Suspend button: Suspend caterer.
 - Skip button: Skip reports.
- UI Design:**

Manage Caterer											
		Manage information		Handle reports		Statistical reports					
		Search: <input type="text"/>									
Caterer		ID	Reporter	Reportee	Description	Date	Status	Action			
Caterer rank		2	customer3@gmail.com	caterer2@gmail.com	This caterer don't offer service as stated	20-04-2024	Handled	<button>Suspend</button> <button>Skip</button>			
Customer		4	customer3@gmail.com	caterer5@gmail.com	This caterer's service is unacceptable	18-05-2024	Unhandled	<button>Suspend</button> <button>Skip</button>			
Feedback		7	customer1@gmail.com	caterer2@gmail.com	Discrimination	25-04-2024	Unhandled	<button>Suspend</button> <button>Skip</button>			

18. Statistical reports caterer

Prepared By:

Hoang Trieu Vo

Date:

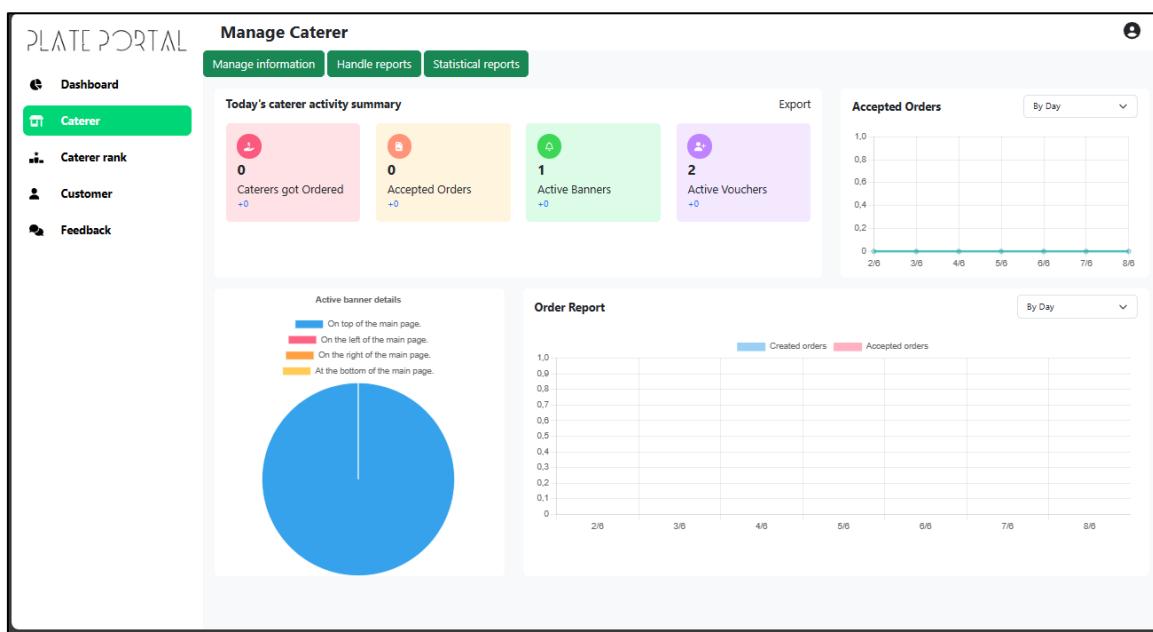
21/05/2024

Approved By:

Duc Hung Nguyen

- Description:** This form allows Admin to view statistical reports caterer include line chart, polar chart, bar chart and information today's caterer activity summary .
- Control on the document :**
 - Select input new accepted orders : Select input with three values: “By Day”, “By Month”, “By Year”.
 - Select input order report: Select input with three values: “By Day”, “By Month”, “By Year”.

- UI Design:**



19. Edit information caterer form

- Description:** This form allows admin edit caterer information.
- Control on the document :**
 - Full name: Cannot be empty or contain only spaces.
 - Phone: Cannot be empty or contain only spaces, must be match with phone regex.
 - Rank ID: Select input with value list of rank.
 - Point: Must be equal or greater than 0.
 - Rank ending date: Date input and value must be after Rank starting date.
 - New Profile Images: Input type file .

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- Birthday: Input type date.
- Gender: Select input with two values: “Male” and “Female”.
- Address: Cannot be empty or contain only spaces.
- Select input below address: Select input with value “District + City”.
- Description:
- Active: Select input with two values: “Active” and “Suspended”

- **UI Design:**

The screenshot shows the 'Manage Caterer' page of the PLATE PORTAL application. The left sidebar has a green header 'Caterer' and other options: Dashboard, Caterer rank, Customer, and Feedback. The main area has a title 'Manage Caterer' with a back button. It displays the following data:

- Email: caterer1@gmail.com
- Rating: 4.5
- Full name: Golden Hands
- Phone: 0987654321
- Create date: 2022-02-10
- Payment information: NCB 0123456798
- Point: 0
- Rank ID: 1
- Rank fee: \$15.0
- Rank CPO: \$2.0
- Rank max dish: 30
- Rank starting date: 2024-05-17
- Rank ending date: 17/07/2024
- New Profile Image: Chon tệp (Choose file) / Không tệp nào được chọn (No file selected)
- Birthday: 20/09/1988
- Gender: Male
- Address: 123 Nguyen Van Linh, Tan Thuan Tay, District 7, Ho Chi Minh City
- Description: Experienced caterer specializing in Italian cuisine.
- Active: Active

A green 'Submit' button is at the bottom. To the right of the form is a small image of a restaurant storefront with the sign 'NOUQISH Health Food Store'.

20. Manage customer form

- **Description:** This form allows Admin to view list of customer, edit, suspend or unsuspend caterer..
- **Control on the document :**
 - Edit button: Direct to “Edit information customer form”.
 - Suspend and Unspend button: change state of customer.
- **UI Design:**

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 5: Interface Design Document

Manage Customer										
	Email	Full name	Gender	Point	Roll chance	Phone	Address	Create date	Active	Actions
	customer1@gmail.com	Duc Anh Tran	Male	0	0	0756448651	145 Ly Loi, An Dinh, Thanh Khe, Da Nang	12-04-2020	Active	<button>Edit</button> <button>Suspend</button>
	customer2@gmail.com	Thi Anh Ly	Female	0	0	0751368456	39 Vong Cung, An Binh, Ninh Kieu, Can Tho	17-04-2020	Suspended	<button>Edit</button> <button>Unsuspend</button>
	customer3@gmail.com	Binh Chi Lam	Male	0	0	0893656481	45 Nguyen Trai, An Hiep, Hoa Vang, Da Nang	12-09-2021	Active	<button>Edit</button> <button>Suspend</button>
	customer4@gmail.com	Duong Vo Thi	Female	0	0	0592344935	12 Hong Bang, Vo Thi Sau, Ninh Kieu, Can Tho	02-03-2022	Active	<button>Edit</button> <button>Suspend</button>
	ndhunga22008@cusc.ctu.edu.vn	Duc Hung Nguyen	Male	0	0	0123456789	1 Ly Tu Trong, An Phu, Ninh Kieu, Can Tho	16-05-2020	Active	<button>Edit</button> <button>Suspend</button>

21. Handle reports customer form

- Description:** This form allows Admin to view the reports from caterer to customer and can suspend or skip.
- Control on the document :**
 - Suspend button: Suspend customer.
 - Skip button: Skip reports.
- UI Design:**

Manage Customer							
	ID	Reporter	Reportee	Description	Date	Status	Action
	1	caterer1@gmail.com	customer2@gmail.com	This customer is a scammer	15-05-2024	Handled	<button>Suspend</button> <button>Skip</button>
	3	caterer4@gmail.com	customer1@gmail.com	This customer is a spammer	18-05-2024	Unhandled	<button>Suspend</button> <button>Skip</button>
	5	caterer1@gmail.com	customer4@gmail.com	Just a report	17-05-2024	Handled	<button>Suspend</button> <button>Skip</button>
	6	caterer3@gmail.com	customer2@gmail.com	I report him	16-05-2024	Unhandled	<button>Suspend</button> <button>Skip</button>

22. Statistical reports customer form

Prepared By:

Hoang Trieu Vo

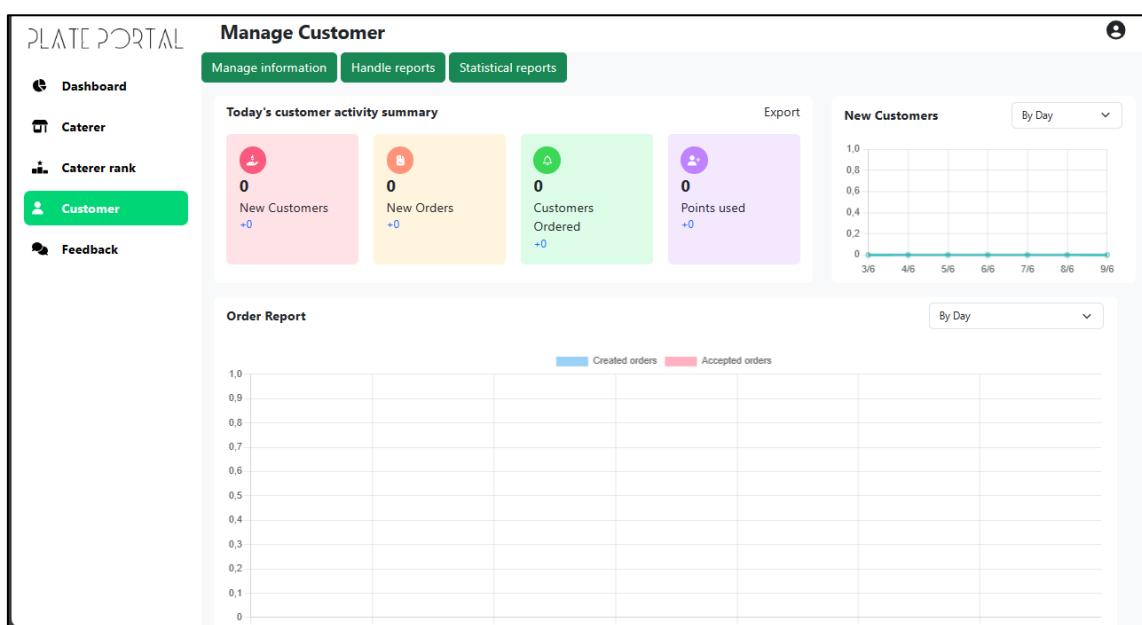
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- Description:** This form allows Admin to view statistical reports customer include line chart, bar chart and information today's customer activity summary .
- Control on the document :**
 - Select input new accepted orders : Select input with three values: “By Day”, “By Month”, “By Year”.
 - Select input order report: Select input with three values: “By Day”, “By Month”, “By Year”.
- UI Design:**



23. Notifications form

- Description:** This form allows Caterer and Customer to view notifications.
- Control on the document :**
- UI Design:**



Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

24. Change password form

- **Description:** This form allows Caterer and Customer change password.
- **Control on the document :**
 - Current password : Cannot be empty or contain only spaces, must be digits and at least 8 digit.
 - New password: Cannot be empty or contain only spaces, must be digits and at least 8 digit.
 - Confirm password: Cannot be empty or contain only spaces, must be digits and at least 8 digit.
- **UI Design:**

The UI design for the Change password form is as follows:

- Header:** A green button with a white arrow pointing left labeled "Back".
- Fields:**
 - Current Password:** A text input field with placeholder text "Your old password".
 - New Password:** A text input field with placeholder text "Your new password".
 - Confirm Password:** A text input field with placeholder text "Confirm password".
- Buttons:** A large green button at the bottom labeled "Submit".

25. Self's profile form

- **Description:** This form allow Customer and Caterer to view their profile and can update.
- **Control on the document :**
 - Full name: Cannot be empty or contain only spaces.
 - Phone: Cannot be empty, contain only spaces, and must match the phone regex.
 - Gender: Select input with two values: "Male" and "Female".
 - Birthday: Date input.
 - Address: Cannot be empty or contain only spaces.
 - Select input below address: Select input with value "District + City".

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 5: Interface Design Document

- Description: Display if user is “Caterer”.
- New Profile Images: Input type file .

- **UI Design:**

26. Edit information customer form

- **Description:** This form allows Admin edit information of customer.
- **Control on the document :**
 - Full name: Cannot be empty or contain only spaces.
 - Phone: Cannot be empty, contain only spaces, and must match the phone regex.

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Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- Gender: Select input with two values: “Male” and “Female”.
- Birthday: Date input.
- Address: Cannot be empty or contain only spaces.
- Point: must be digits and equal or greater than 0
- Roll chance: must be digits and equal or greater than 0.
- Select input below address: Select input with value “District + City”.
- New Profile Images: Input type file.
- Active: Select input with two values: “Active” and “Suspended”

- **UI Design:**

27. Retrieve password

- **Description:** This form allows user to retrieve password.
- **Control on the document :**
 - Email : Cannot be empty or contain only spaces, must be match with email regex.
 - New password: Cannot be empty or contain only spaces, must be digits and at least 8 digit.
 - Confirm password: Cannot be empty or contain only spaces, must be digits and at least 8 digit.
- **UI Design:**

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Enter your email to retrieve password

Your email

Submit

New Password

Your new password

Confirm Password

Confirm password

Submit

28. View delivery address form

- Description:** This form allows Customer to view delivery address.
- Control on the document :**
- UI Design:**

PLATE PORTAL				Home	Caterers	Orders	Minigame	Rating Caterer	Logout	
									+Add new delivery address	
10	entries per page								Search: <input type="text"/>	
Address		District		City		Actions				
123 Pho Chinh, A		Cai Rang		Can Tho		Edit	Delete			
222 Hanh Phuc, E		Thot Not		Can Tho		Edit	Delete			
Showing 1 to 2 of 2 entries										

29. Add delivery address form

- Description:** This form allows Customer to add new delivery address.
- Control on the document :**

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Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 5: Interface Design Document

- Address: Cannot be empty or contain only spaces
- District: Select input with value of list “District + City”

- **UI Design:**

The screenshot shows a web application interface titled "PLATE PORTAL". At the top, there is a navigation bar with links: Home, Caterers, Orders, Minigame, and Rating Caterer. On the right side of the header are icons for user profile and notifications. Below the header, there is a green "Back" button. The main content area contains two input fields: one for "Address" with a placeholder "Your address" and another for "District" with a dropdown menu showing "Cai Rang, Can Tho". At the bottom of the form is a large green "Submit" button.

30. Edit delivery address form

- **Description:** This form allows Customer to edit delivery address.
- **Control on the document :**
 - Address: Cannot be empty or contain only spaces
 - District: Select input with value of list “District + City”
- **UI Design:**

The screenshot shows the same "Edit delivery address" form as the previous one, but with different data entered. The "Address" field now contains "123 Pho Chinh, A" and the "District" dropdown still shows "Cai Rang, Can Tho". The rest of the interface, including the header, back button, and submit button, remains the same.

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

31. Manage caterer rank form

- Description:** This form allows Admin to views list of caterer rank, update or delete them.
- Control on the document :**
- UI Design:**

Manage Caterer Rank				
	Rank ID	Rank Fee	Rank CPO	Rank Max Dish
Caterer rank	1	\$15.0	2.0	30
	2	\$30.0	1.0	50
	3	\$100.0	0.0	100

Showing 1 to 3 of 3 entries

32. Add caterer rank form

- Description:** This form allows Admin to add new caterer rank.
- Control on the document :**
 - Rank fee : Cannot empty and must be digit equal or greater than 0.
 - Rank CPO: Cannot empty and must be digit equal or greater than 0.
 - Rank max dish: Cannot empty and must be digit equal or greater than 0.

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- **UI Design:**

33. Update caterer rank form

- **Description:** This form allows Admin to update caterer rank.
- **Control on the document :**
 - Rank fee : Cannot empty and must be digit equal or greater than 0.
 - Rank CPO: Cannot empty and must be digit equal or greater than 0.
 - Rank max dish: Cannot empty and must be digit equal or greater than 0.
- **UI design:**

Prepared By:

Hoang Trieu Vo

Date:

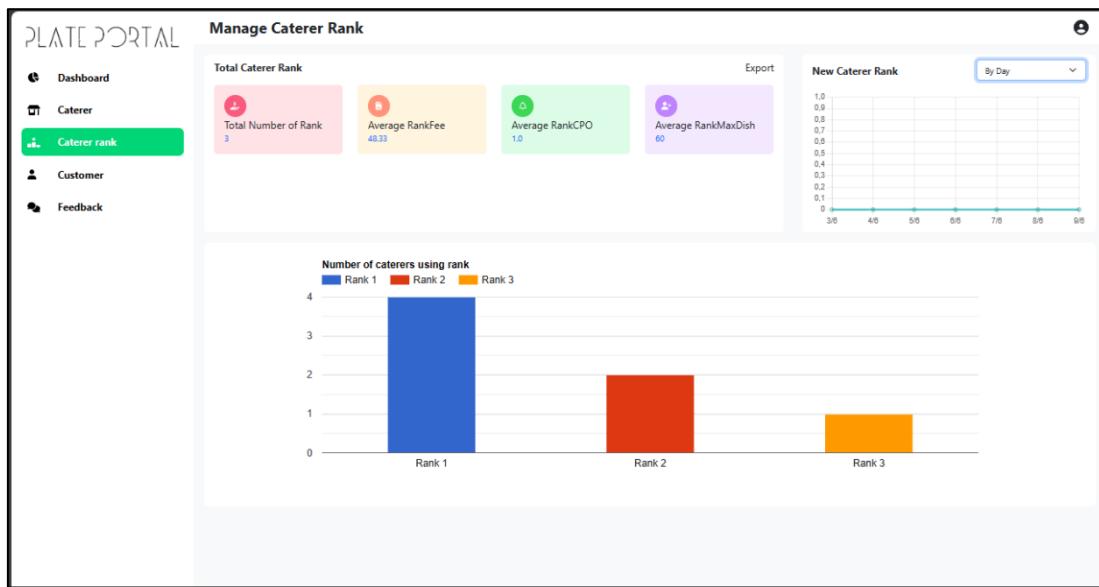
21/05/2024

Approved By:

Duc Hung Nguyen

34. Statistical caterer rank report form

- Description:** This form allows Admin to view statistical caterer rank report.
- Control on the document :**
 - Select input new accepted orders : Select input with three values: “By Day”, “By Month”, “By Year”.
- UI Design:**



35. Manage feedback form

- Description:** This form allows Admin to view feedback.
- Control on the document :**
- UI Design:**

Manage Feedback			
		Feedback Details	
		Feedback ID	Email
		1	caterer1@gmail.com
		2	customer1@gmail.com
		3	customer2@gmail.com
		4	customer5@gmail.com
		5	caterer3@gmail.com
Feedback Details			
The website is easy to navigate and the products are well-organized.			
I love the variety of products and the fast shipping.			
The customer service is excellent and they were very helpful with my order.			
The prices are competitive and the quality of the products is great.			
I would highly recommend this website to anyone looking for high-quality products and excellent service.			
Showing 1 to 5 of 5 entries			
<input type="button" value="<"/> <input type="button" value=">"/> <input style="background-color: blue; color: white; border: none; padding: 2px 5px; margin: 0 5px;" type="button" value="1"/> <input type="button" value=">>"/>			

Prepared By:

Hoang Trieu Vo

Date:

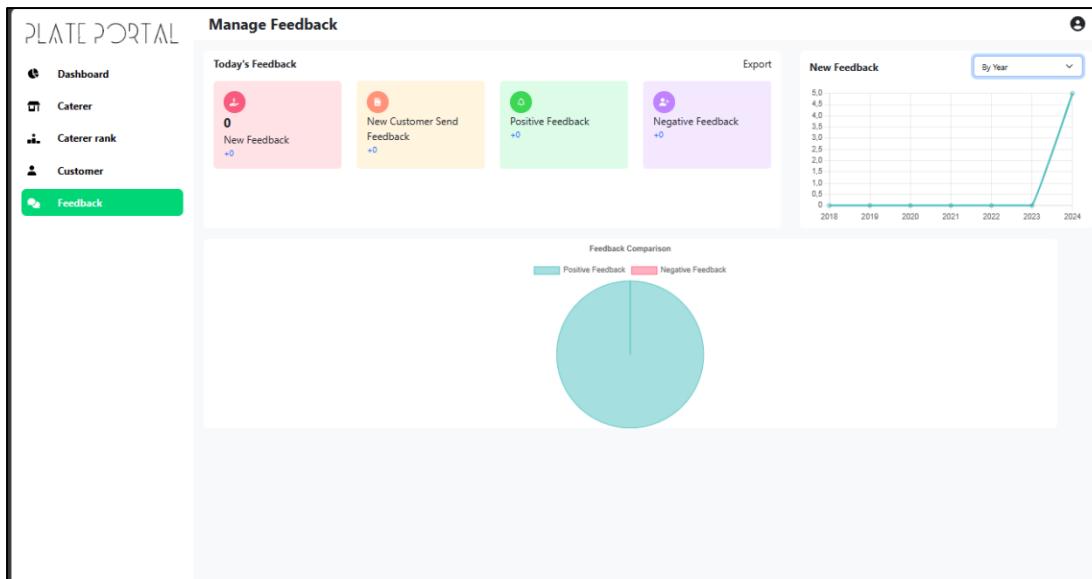
21/05/2024

Approved By:

Duc Hung Nguyen

36. Statistical report feedback form

- Description:** This form allows Admin to view statistical report feedback.
- Control on the document :**
 - New feedback:
- UI Design:**



37. Rating caterer list form

- Description:** This form allows Customer to view list of order.
- Control on the document :**
 - My order statistical: Redirect to order history statistical report page
- UI Design:**

My order Statistical

Order History

Order ID	Order Time	Create Date	Order State	Dish Details	Rate
1	2024-06-30 11:00:00.0	2024-06-01	Waiting	Bun Bo Hue (x6), Pho Bo (x6), Goi Cuon (x6)	<button>Rate</button>
3	2024-06-22 18:00:00.0	2024-05-15	Accepted	Bun Bo Hue (x5)	<button>Rate</button>
6	2024-03-18 13:00:00.0	2024-02-25	Finished	Antipasto Platter (x2)	<button>Already Rated</button>
7	2024-03-19 14:00:00.0	2024-02-25	Finished	Guacamole and Chips (x2)	<button>Already Rated</button>
8	2024-03-19 17:00:00.0	2024-02-25	Finished	Bun Bo Hue (x2)	<button>Already Rated</button>

38. Rating caterer form

- Description:** This form allows Customer to rating caterer.

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Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- **Control on the document :**
 - Comment:
 - Star select: Stars select in range 1 to 5 star.
 - **UI Design:**

Rating Form

Order ID:

Caterer Email:

Caterer Full Name:

Comments:



39. Send feedback form

- **Description:** This form allows Customer to rating caterer.
 - **Control on the document :**
 - Your feedback:
 - **UI Design:**

Your Feedback

40. Manage advertise form

- **Description:** This form allows Caterer to view list of their advertise.
 - **Control on the document :**

Form No. 5: Interface Design Document

- **UI Design:**

BannerID	Image	Start Date	End Date	Action
3		20-05-2024	04-06-2024	<button>Edit</button> <button>Delete</button>
8		15-05-2024	30-05-2024	<button>Edit</button> <button>Delete</button>

Showing 1 to 2 of 2 entries

41. Add advertise form

- **Description:** This form allows Caterer to add advertise.
- **Control on the document :**
 - Banner position: select input
- **UI Design:**

42. Edit advertise form

- **Description:** This form allows Caterer to edit advertise.
- **Control on the document :**
 - Banner image: input type file
- **UI Design:**

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Banner Image

Chon tệp Không tệp nào được chọn

Start Date
2024-05-01

End Date
2024-05-16

Banner Position
On top of the main page.

Save **Cancel**

43. View rating form

- **Description:** This form allows Caterer to view their rating.
- **Control on the document :**
- **UI Design:**

All Ratings			Back to Index
Order ID	Rate	Comment	
8	4.5	Excellent food and service!	

44. View order history report form

- **Description:** This form allows Customer to view their order history statistical report
- **Control on the document:**
- **UI Design:**

Prepared By:

Hoang Trieu Vo

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

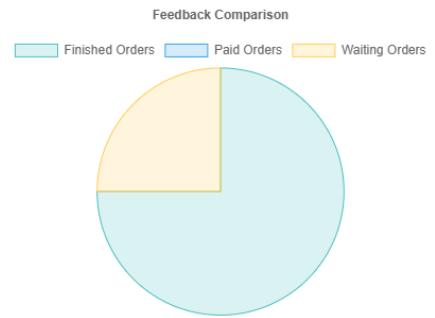
Order Status Count

Total amount paid in the current year: \$680.0

Finished Orders: 3

Paid Orders: 0

Waiting Orders: 1



Prepared By:

Hoang Trieu Vo

Date:

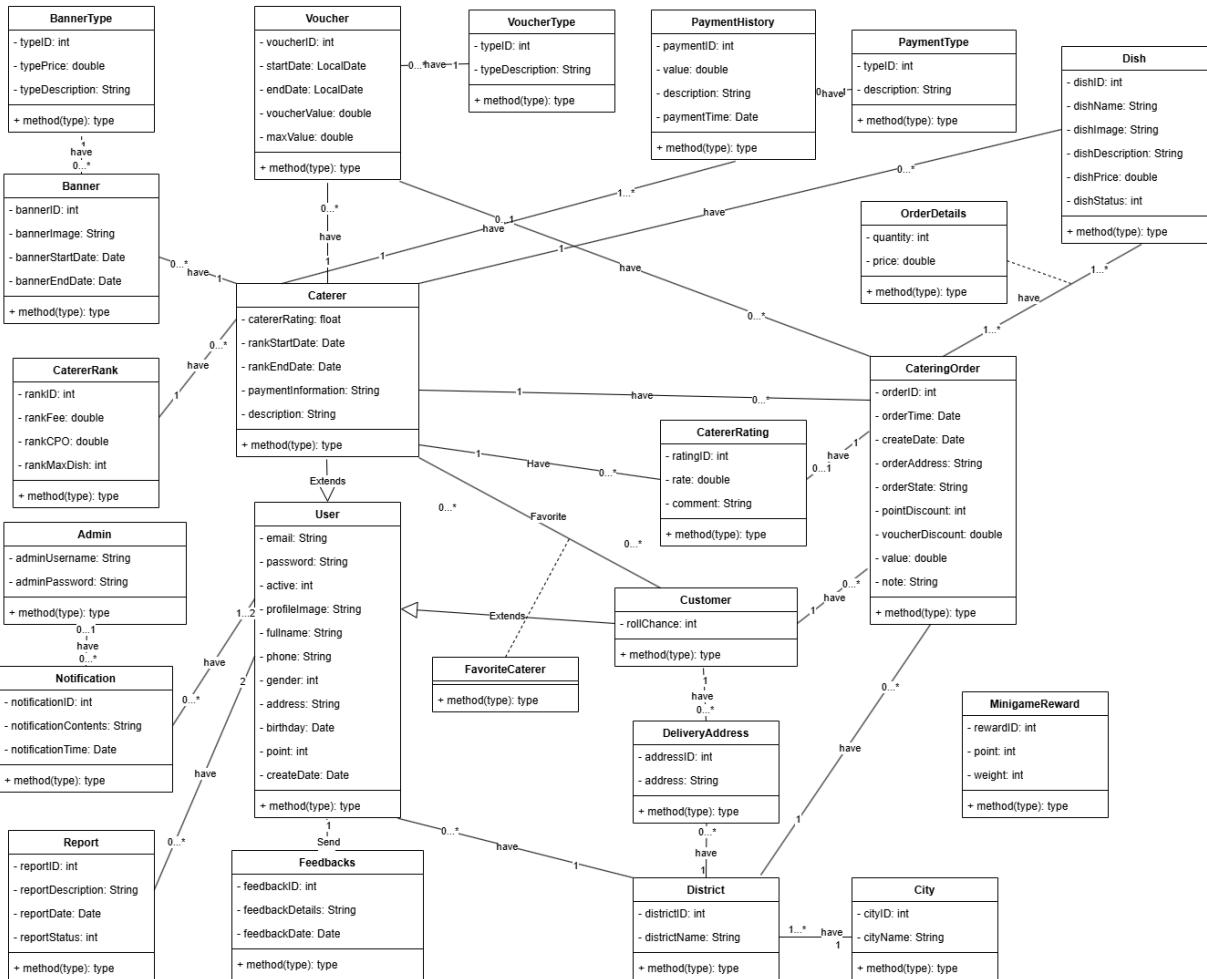
21/05/2024

Approved By:

Duc Hung Nguyen

DATABASE DESIGN DOCUMENT

I. ER/Class Diagram



II. Table Description

Admin			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
AdminUsername	nvarchar(50)	Primary key	Admin's username
AdminPassword	char(64)	Not null	Admin's password

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

CatererRank			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
RankID	int	Primary key, identity	Rank's ID
RankFee	float	Not null, > 0	Rank's fee
RankCPO	float	Not null, >= 0	Rank's cost per order
RankMaxDish	int	Not null, > 0	Rank's maximum number of dishes

BannerType			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
TypeID	int	Primary key, identity	Banner type's ID
TypePrice	float	Not null, > 0	Banner type's price
TypeDescription	nvarchar(150)		Banner type's description

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

Banner			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
BannerID	int	Primary key, identity	Banner's ID
TypeID	int	Foreign key, not null	Banner's type
CatererEmail	nvarchar(50)	Foreign key, not null	Buyer's email (caterer)
BannerImage	nvarchar(100)	Not null	Banner's image path
BannerStartDate	date	Not null	Banner's starting date
BannerEndDate	date	Not null, >= BannerStartDate	Banner's ending date

VoucherType			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
TypeID	int	Primary key, identity	Voucher type's ID
TypeDescription	nvarchar(150)		Voucher type's description

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

Voucher			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
VoucherID	int	Primary key, identity	Voucher's ID
TypeID	int	Foreign key, not null	Voucher's type
CatererEmail	nvarchar(50)	Foreign key, not null	Voucher giver (caterer)
StartDate	date	Not null	Voucher's starting date
EndDate	date	Not null, >= StartDate	Voucher's ending date
VoucherValue	float	Not null, > 0	Voucher's value
MaxValue	float	>= 0	Voucher's max discount value, if null or = 0, max value = infinite

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

Caterer			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
CatererEmail	nvarchar(50)	Primary key	Caterer's email
Password	char(64)	Not null	Caterer's password
RankID	int	Foreign key	Caterer's rank
CatererRating	float		Caterer's rating
RankStartDate	date	Not null	Caterer rank's starting date
RankEndDate	date	Not null, > RankStartDate	Caterer rank's ending date
PaymentInformation	nvarchar(50)	Not null	Caterer's payment information
Point	int	Default 0, >= 0	Caterer's current point
Description	nvarchar(200)		Caterer's description
Active	int	Not null, default 1, in (1, 0)	Account's status, 0 is suspended, 1 is activated
ProfileImage	nvarchar(100)		Caterer's image path
FullName	nvarchar(50)	Not null	Caterer's full name
Phone	nvarchar(20)	Not null	Caterer's phone
Gender	int	Not null, in (1, 0)	Caterer's gender, 0 is Male, 1 is Female
Address	nvarchar(200)	Not null	Caterer's address
DistrictID	int	Foreign key, not null	Caterer's district
Birthday	date		Caterer's birthday or established date
CreateDate	date	Not null	Account's creation date

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

Customer			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
CustomerEmail	nvarchar(50)	Primary key	Customer's email
Password	char(64)	Not null	Customer's password
Point	int	Default 0, >= 0	Customer's current points
RollChance	int	Default 0, >= 0	Customer's number of available times to play minigame
Active	int	Not null, default 1, in (1, 0)	Account's status, 0 is suspended, 1 is activated
ProfileImage	nvarchar(100)		Customer's image path
FullName	nvarchar(50)	Not null	Customer's full name
Phone	nvarchar(20)	Not null	Customer's phone
Gender	int	Not null, in (1, 0)	Customer's gender, 0 is Male, 1 is Female
Address	nvarchar(200)	Not null	Customer's address
DistrictID	int	Foreign key, not null	Customer's district
Birthday	date		Customer's birthday
CreateDate	date	Not null	Account's creation date

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

Feedback			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
FeedbackID	int	Primary key, identity	Feedback's ID
Email	nvarchar(50)	Not null	Feedback sender's email (caterer or customer)
FeedbackDetails	nvarchar(200)	Not null	Feedback's details
FeedbackDate	date	Not null	Feedback's send date

CatererRating			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
RatingID	int	Primary key, identity	Rating's ID
OrderID	nvarchar(50)	Foreign key, not null	Rating's Order
CatererEmail	nvarchar(50)	Foreign key, not null	Rating's caterer
Rate	float	Not null, between 0 and 5	Rating's value
Comment	nvarchar(200)		Rating's comment

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

DeliveryAddress			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
AddressID	int	Primary key, identity	Address's ID
CustomerEmail	nvarchar(50)	Foreign key, not null	Email of customer having this address
Address	nvarchar(200)	Not null	Address
DistrictID	int	Foreign key, not null	Address's district

District			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
DistrictID	int	Primary key, identity	District's ID
CityID	int	Foreign key, not null	District's city
DistrictName	nvarchar(50)	Not null	District's name

City			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
CityID	int	Primary key, identity	City's ID
CityName	nvarchar(50)	Not null	City's name

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

Dish			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
DishID	int	Primary key, identity	Dish's ID
CatererEmail	nvarchar(50)	Foreign key, not null	Dish owner's email (caterer)
DishName	nvarchar(50)	Not null	Dish's name
DishImage	nvarchar(100)	Not null	Dish's image path
DishDescription	nvarchar(200)		Dish's description
DishPrice	float	Not null, > 0	Dish's price
DishStatus	int	Not null, in (0, 1), default 1	Dish's status, 0 is disabled, 1 is enabled

OrderDetails			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
DishID	int	Primary key, foreign key, not null	Dish
OrderID	int	Primary key, foreign key, not null	Order
Quantity	int	Not null, > 0	Ordered dish's quantity
Price	float	Not null, > 0	Ordered dish's price

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

CateringOrder			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
OrderID	int	Primary key, identity	Order's ID
CatererEmail	nvarchar(50)	Foreign key, not null	Order's caterer
CustomerEmail	nvarchar(50)	Foreign key, not null	Order's customer
VoucherID	int	Foreign key	Applied voucher
OrderAddress	nvarchar(200)	Not null	Order's delivered address
DistrictID	int	Foreign key, not null	Address's district
OrderTime	datetime	Not null	Order's scheduled time
CreateDate	date	Not null	Order's creation date
OrderState	nvarchar(20)	Not null, in (Waiting, Accepted, Waiting confirm, Paid, Cancelled, Finished)	Order's status
PointDiscount	int	≥ 0	Discount from customer's point
VoucherDiscount	float	≥ 0	Discount from voucher
Value	float	Not null, ≥ 0	Order's value (sum of dishes' values)
Note	nvarchar(200)		Customer's note

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

MinigameReward			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
RewardID	int	Primary key, identity	Reward's ID
Point	int	Not null, >= 0	Reward's point value
Weight	int	Not null, > 0	Chance to get the reward

Report			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
ReportID	int	Primary key, identity	Report's ID
Reporter	nvarchar(50)	Not null	Reporter's email (caterer or customer)
Reportee	nvarchar(50)	Not null	Reportee's email (caterer or customer)
ReportDescription	nvarchar(200)	Not null	Report's description
ReportDate	date	Not null	Report's date
ReportStatus	int	Not null, default 0, in (0, 1)	Report's status, 0 is unhandled, 1 is handled

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

Notification			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
NotificationID	int	Primary key, identity	Notification's ID
Sender	nvarchar(50)	Not null	Notification sender (admin's username, caterer or customer's email)
Receiver	nvarchar(50)	Not null	Notification receiver (caterer or customer's email)
NotificationContents	nvarchar(200)	Not null	Notification's contents
NotificationTime	datetime	Not null	Notification's send time

PaymentType			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
TypeID	int	Primary key, identity	Payment type's ID
Description	nvarchar(100)	Not null	Payment type's description

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

PaymentHistory			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
PaymentID	int	Primary key, identity	Payment's ID
CatererEmail	nvarchar(50)	Foreign key, not null	Payer's email
TypeID	int	Foreign key, not null	Payment's type
Value	float	Not null, >= 0	Payment's value
PaymentTime	datetime	Not null	Payment's time
Description	nvarchar(200)	Not null	Payment's description

FavoriteCaterer			
Field Name	Data Type	Constraint (Primary Key, Foreign Key, Identity, Not Null,...)	Description
CatererEmail	nvarchar(50)	Primary key, foreign key, not null	Caterer's email
CustomerEmail	nvarchar(50)	Primary key, foreign key, not null	Customer's email

Prepared By:

Duc Hung Nguyen

Date:

14/05/2024

Approved By:

Duc Hung Nguyen

PROCESS DESIGN DOCUMENT**7.1. Process Name**

- 7.1.1. Log in
- 7.1.2. Log out
- 7.1.3. Sign up customer
- 7.1.4. Sign up caterer
- 7.1.5. Retrieve password
- 7.1.6. View customer information
- 7.1.7. Find customer
- 7.1.8. Edit customer information
- 7.1.9. Suspend customer
- 7.1.10. Unsuspend customer
- 7.1.11. See customer statistical report
- 7.1.12. Handle customer reports
- 7.1.13. View caterer information
- 7.1.14. Find caterer
- 7.1.15. Edit caterer information
- 7.1.16. Suspend caterer
- 7.1.17. Unsuspend caterer
- 7.1.18. See caterer statistical report
- 7.1.19. Handle caterer reports
- 7.1.20. Add delivery address
- 7.1.21. View delivery address information
- 7.1.22. Find delivery address
- 7.1.23. Edit delivery address information
- 7.1.24. Delete delivery address
- 7.1.25. View profile
- 7.1.26. Edit profile
- 7.1.27. Change password
- 7.1.28. Extend or change caterer rank
- 7.1.29. Access admin dashboard
- 7.1.30. Play minigame
- 7.1.31. Add caterer dish
- 7.1.32. View caterer dish
- 7.1.33. Update caterer dish
- 7.1.34. Delete caterer dish
- 7.1.35. Report caterer dish
- 7.1.36. View list caterer
- 7.1.37. View caterer details
- 7.1.38. Make order
- 7.1.39. View order
- 7.1.40. Pay order
- 7.1.41. Confirm order (customer)
- 7.1.42. Cancel order
- 7.1.43. Accept order
- 7.1.44. Reject order
- 7.1.45. Confirm order (caterer)
- 7.1.46. View order statistical report (caterer)
- 7.1.47. Report other user
- 7.1.48. View notifications
- 7.1.49. Add advertise

Prepared By:

Duy Nguyen

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

- 7.1.50. View advertise
- 7.1.51. Find advertise
- 7.1.52. Edit advertise
- 7.1.53. Delete advertise
- 7.1.54. Send feedback
- 7.1.55. View feedback
- 7.1.56. View feedback
statistical report
- 7.1.57. Add new caterer rank
- 7.1.58. Edit caterer rank
- 7.1.59. Find caterer rank
- 7.1.60. Delete caterer rank
- 7.1.61. View rank statistical
report
- 7.1.62. Rating caterer
- 7.1.63. View rating
- 7.1.64. View order history
statistical report
- 7.1.65. Use voucher
- 7.1.66. Mange voucher
- 7.1.67. Create voucher
- 7.1.68. Edit voucher
- 7.1.69. Delete voucher
- 7.1.70. Voucher statistical
report
- 7.1.71. Add favorite caterer
- 7.1.72. Mange favorite caterer

7.2. Process Description and Details

Prepared By:

Duy Nguyen

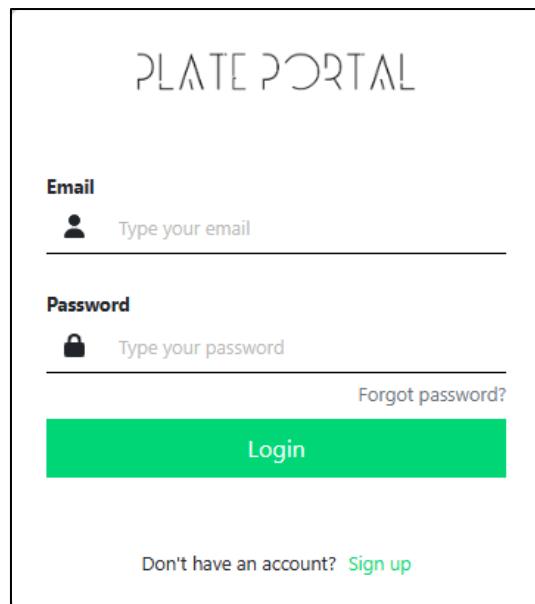
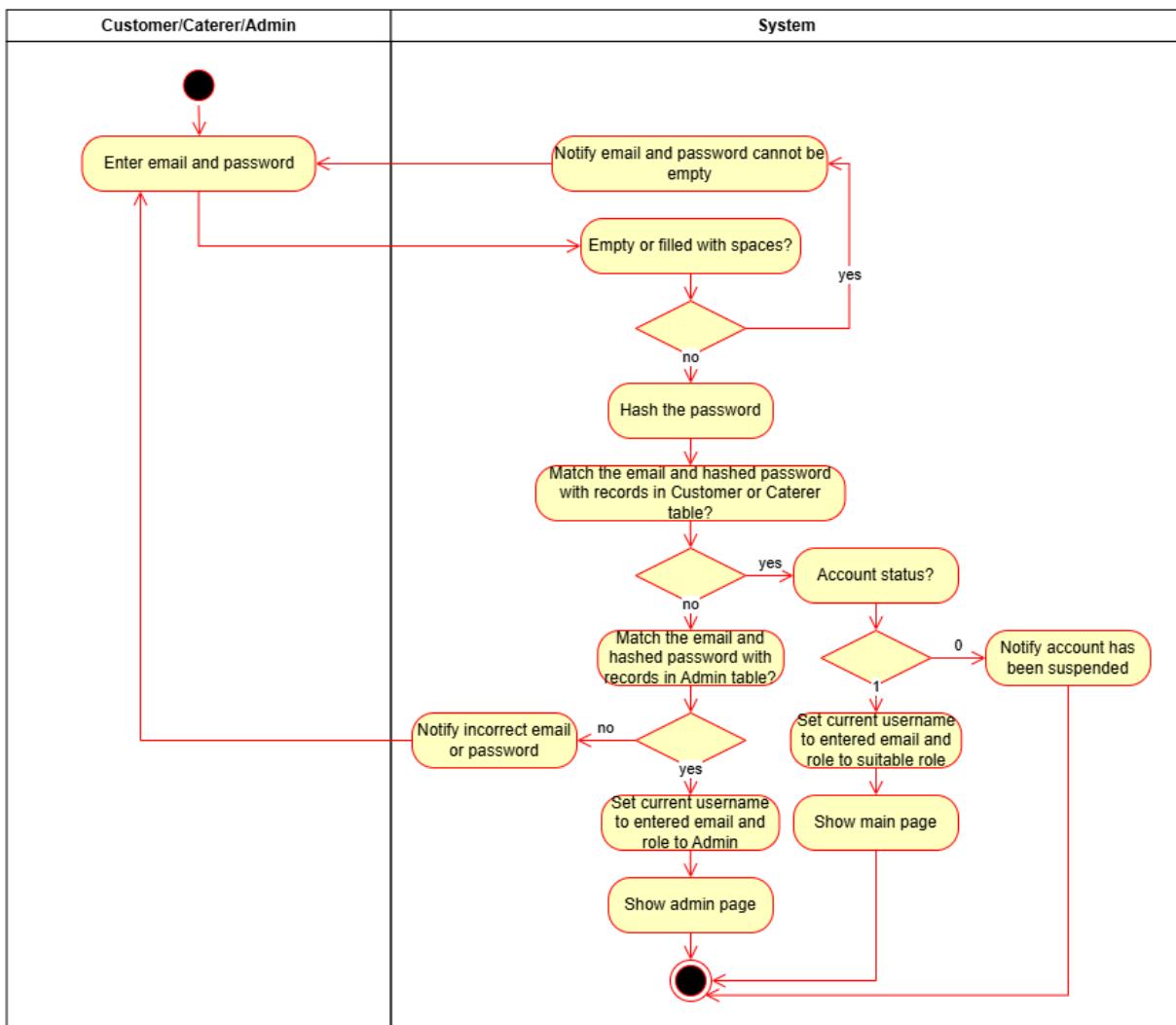
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.1. Log in



Prepared By:

Duy Nguyen

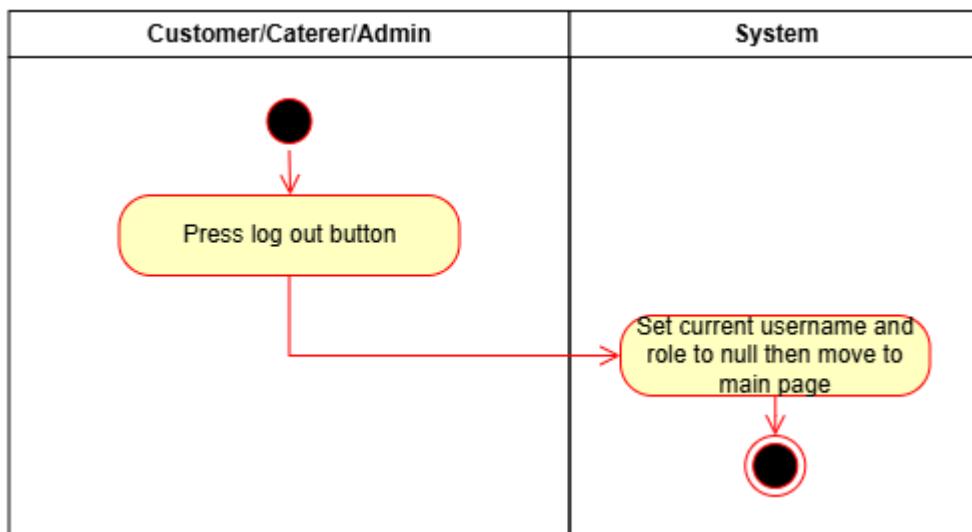
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.2. Log out



Prepared By:

Duy Nguyen

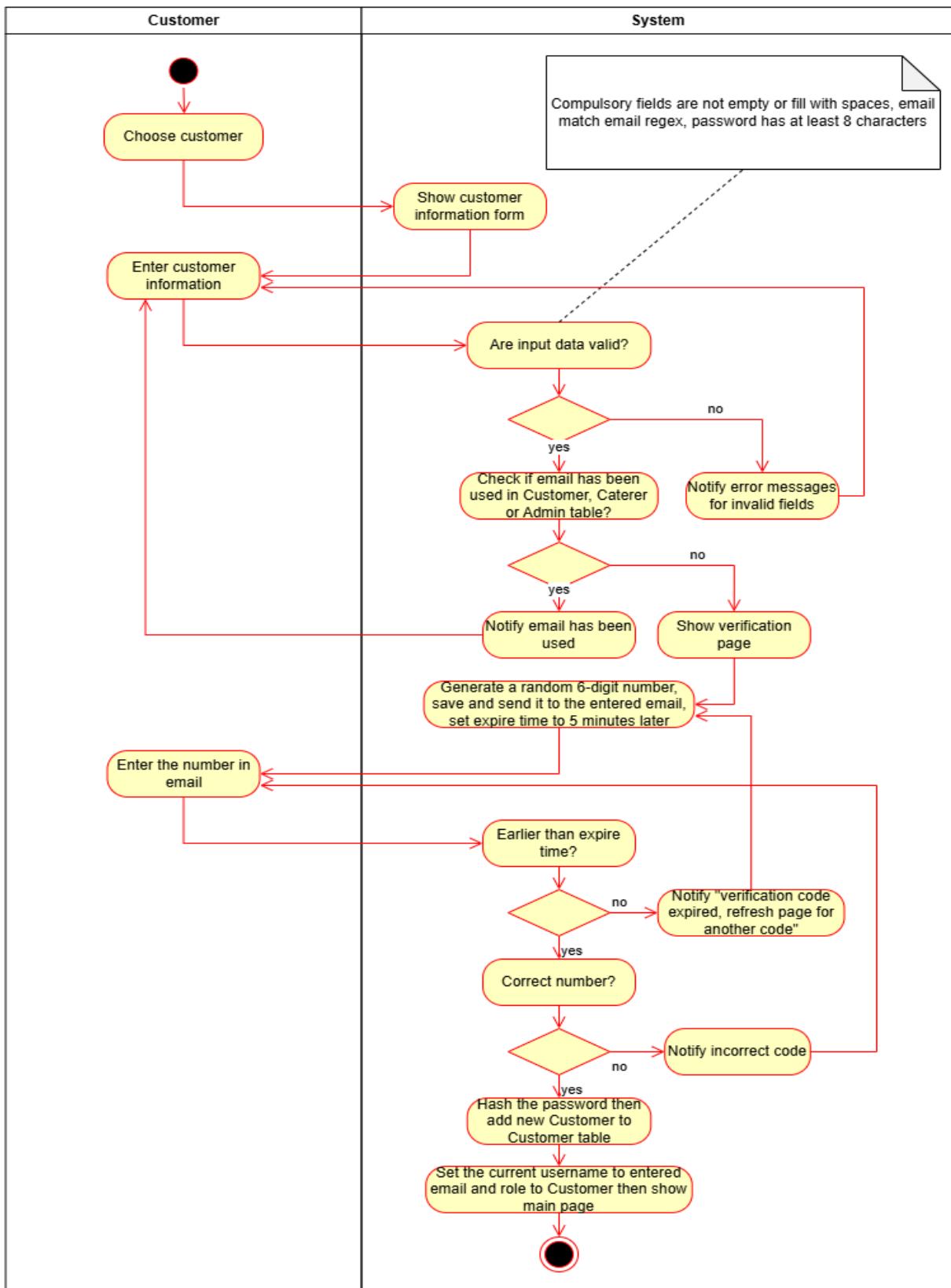
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.3. Sign up customer



Prepared By:

Duy Nguyen

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

PLATE PORTAL

You are a* Customer ▼

Email* Your email

Password* Your password

Full name* Your name

Phone * Your phone number

Gender* Male ▼

Birthday* nn/mm/yyyy ▼

Address* Your address

Can Tho ▼ Cai Rang ▼

Submit

Already have an account? [Login](#)

Prepared By:

Duy Nguyen

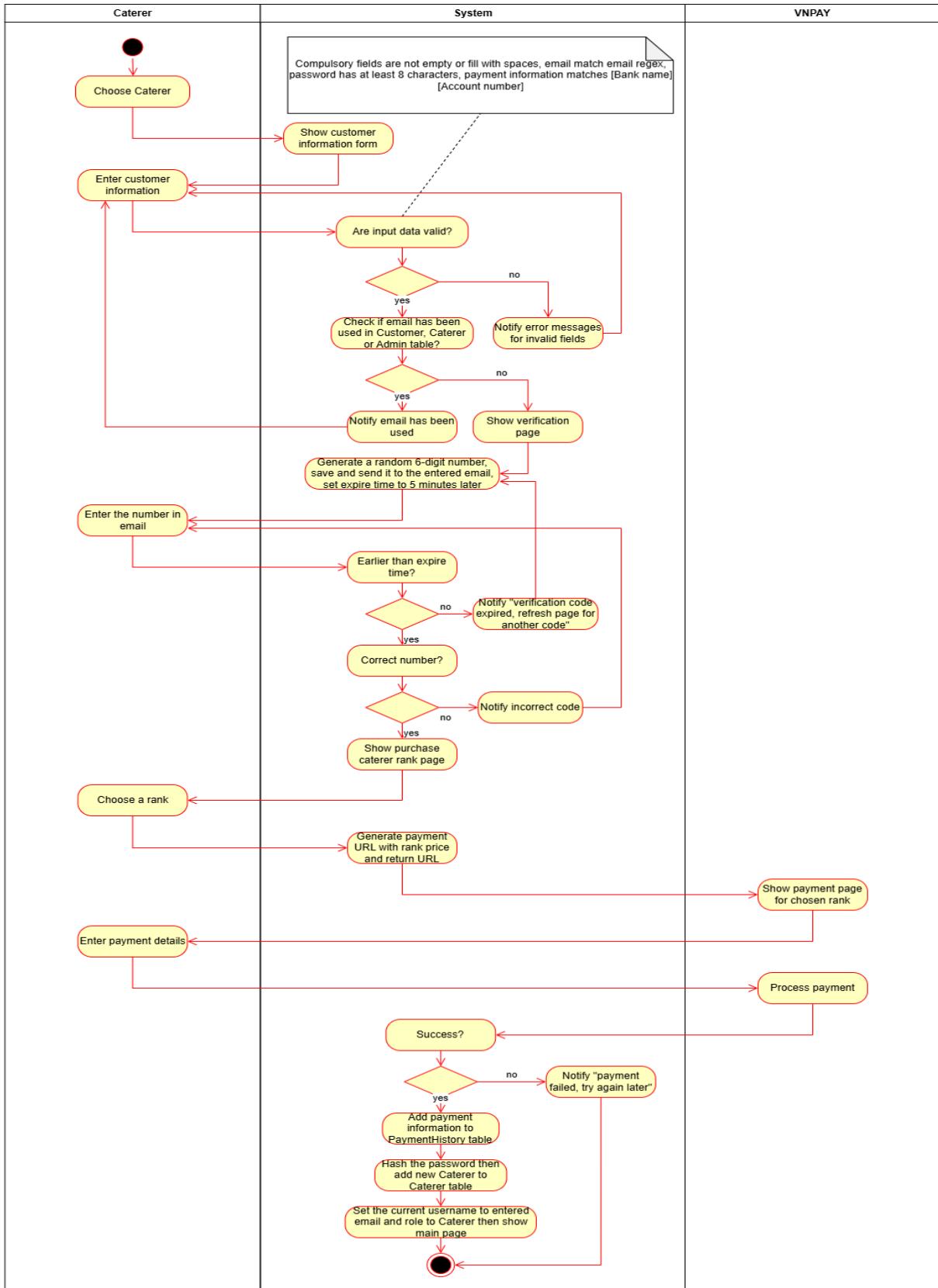
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.4. Sign up caterer



Prepared By:

Duy Nguyen

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

PLATE PORTAL

You are a* Caterer

Email* Your email

Password* Your password

Full name* Your name

Phone* Your phone number

Birthday nn/mm/yyyy

Gender* Male

Address* Your address

Can Tho Cai Rang

Payment information* Your payment description, ex: NCB 0123456789

Description Your description

Submit

Already have an account? [Login](#)

Prepared By:

Duy Nguyen

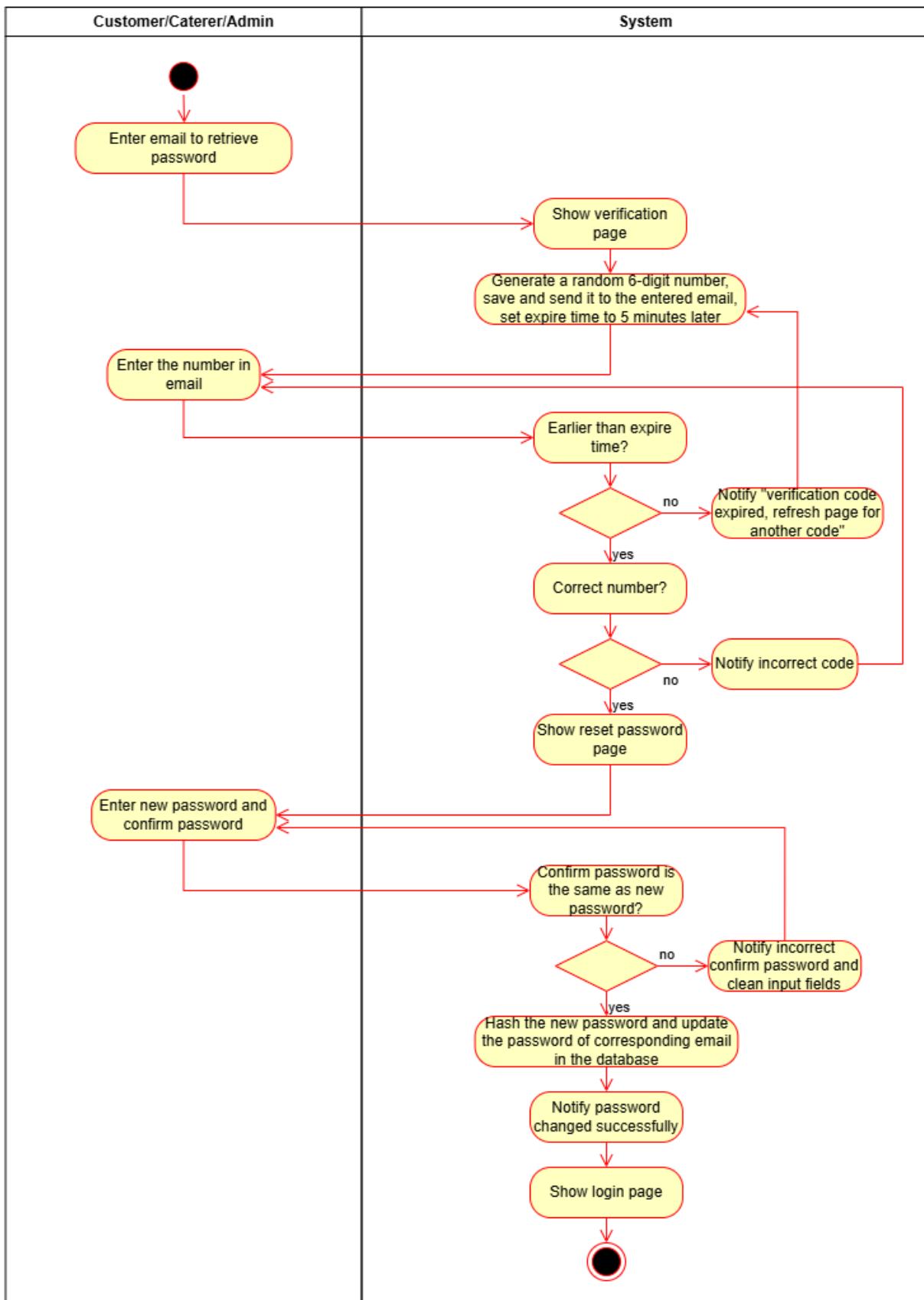
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.5. Retrieve password



Prepared By:

Duy Nguyen

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Enter your email to retrieve password

 Your email

Please enter a valid email

Submit

We have sent an email with a 6-digit verification code to
nduya22009@cusctu.edu.vn

 Enter code

Please enter valid code

Submit

New Password



Your new password

Confirm Password



Confirm password

Password must have at least 8 characters and not contain only spaces

Submit

Prepared By:

Duy Nguyen

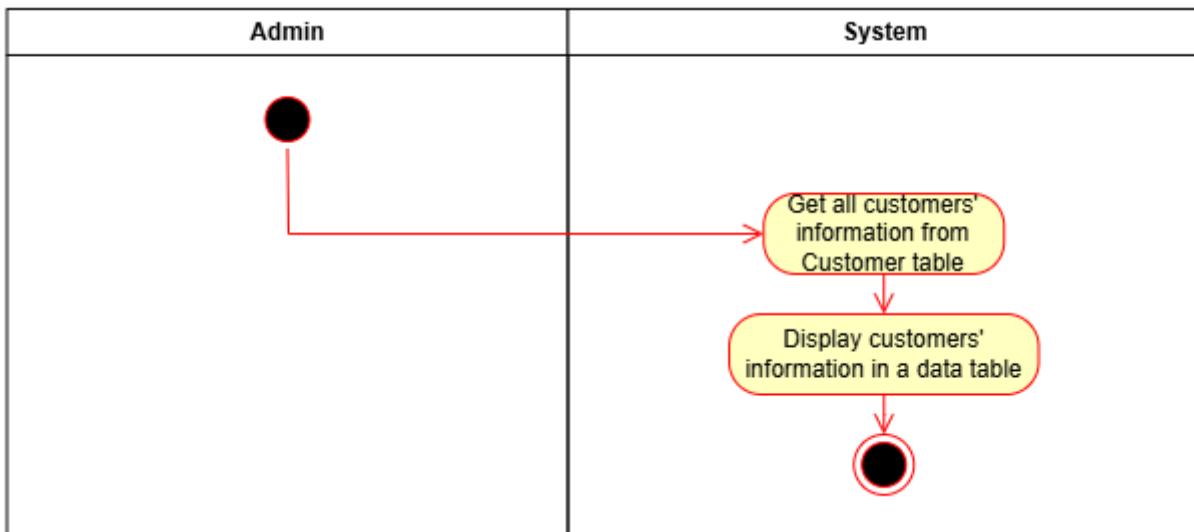
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.6. View customer information



Email	Full name	Gender	Point	Roll chance	Phone	Address	Create date	Active	Actions
customer1@gmail.com	Duc Anh Tran	Male	0	0	0756448651	145 Ly Loi, An Dinh, Thanh Khe, Da Nang	12-04-2020	Active	<button>Edit</button> <button>Suspend</button>
customer2@gmail.com	Thi Anh Ly	Female	0	0	0751368456	39 Vong Cung, An Binh, Ninh Kieu, Can Tho	17-04-2020	Suspended	<button>Edit</button> <button>Unsuspend</button>
customer3@gmail.com	Binh Chi Lam	Male	0	0	0893656481	45 Nguyen Trai, An Hiep, Hoa Vang, Da Nang	12-09-2021	Active	<button>Edit</button> <button>Suspend</button>
customer4@gmail.com	Duong Vo Thi	Female	0	0	0592344935	12 Hong Bang, Vo Thi Sau, Ninh Kieu, Can Tho	02-03-2022	Active	<button>Edit</button> <button>Suspend</button>
ndhunga22008@cusc.ctu.edu.vn	Duc Hung Nguyen	Male	0	0	0123456789	1 Ly Tu Trong, An Phu, Ninh Kieu, Can Tho	16-05-2020	Active	<button>Edit</button> <button>Suspend</button>

Showing 1 to 5 of 5 entries

Prepared By:

Duy Nguyen

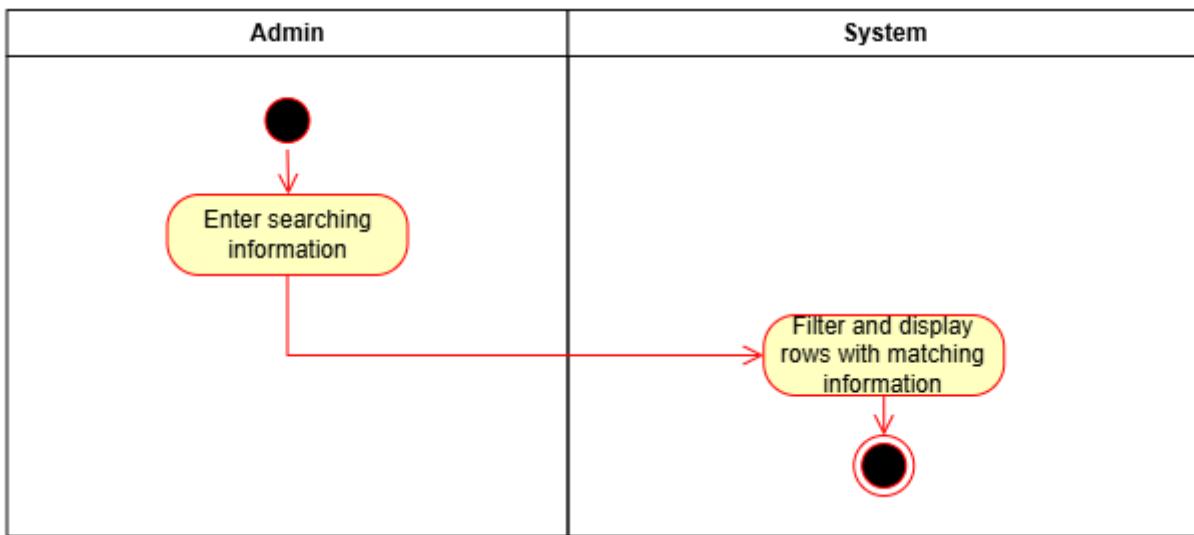
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.7. Find customer



Prepared By:

Duy Nguyen

Date:

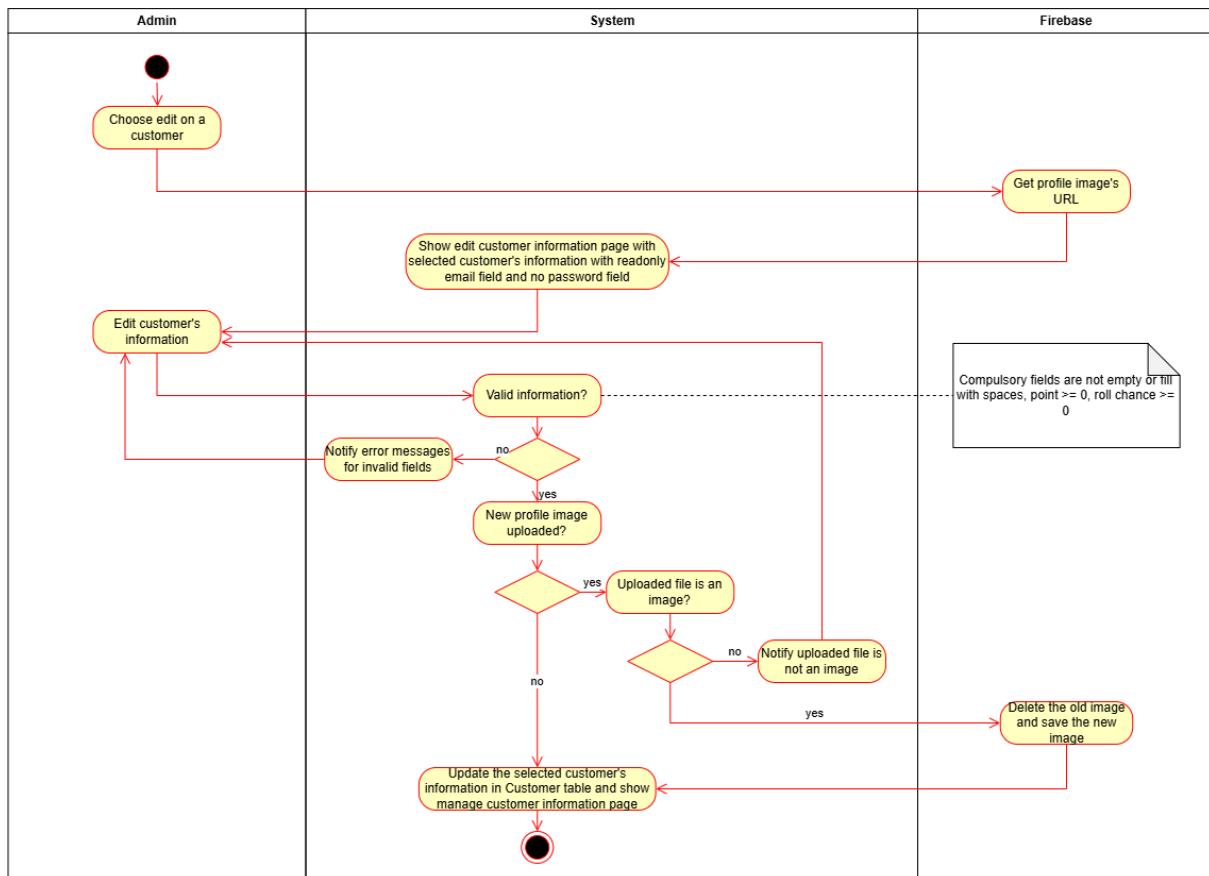
21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 7: Process Design Document

7.2.8. Edit customer information



Back

Email: customer1@gmail.com Create date: 2020-04-12

Full name * Phone *

Duc Anh Tran 0756448651

Point Roll chance

0 0

New Profile Image Birthday Gender *

Chọn tệp Không tệp... được chọn 12/09/2004 Male

Address *

145 Ly Loi, An Dinh Thanh Khe, Da Nang

Active *

Active

Submit

A large anime-style girl's face is displayed on the right side of the form.

Prepared By:

Duy Nguyen

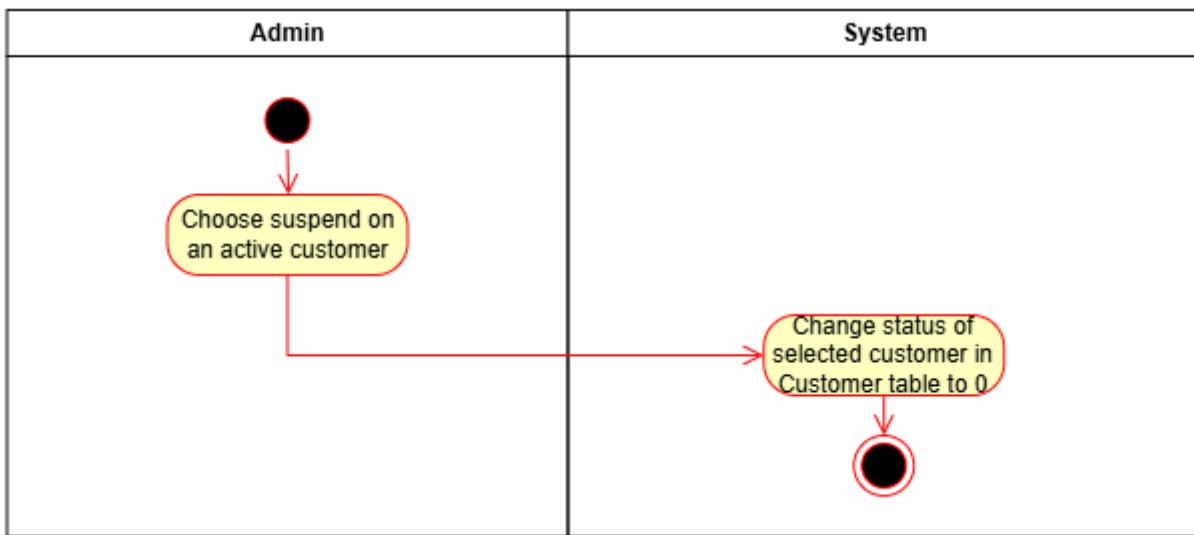
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.9. Suspend customer



Prepared By:

Duy Nguyen

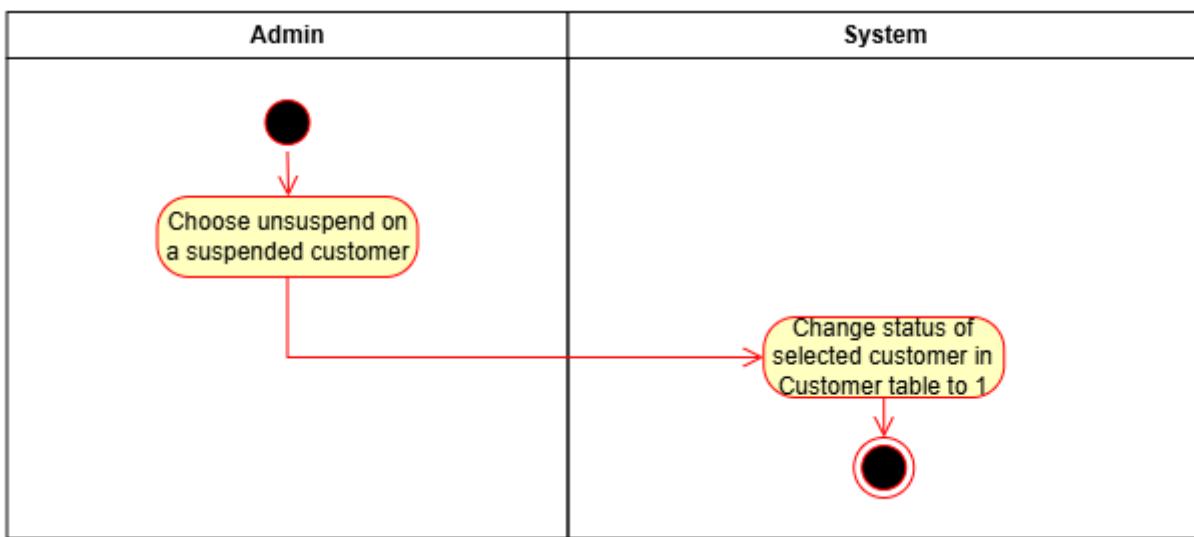
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.10. Unsuspend customer



Prepared By:

Duy Nguyen

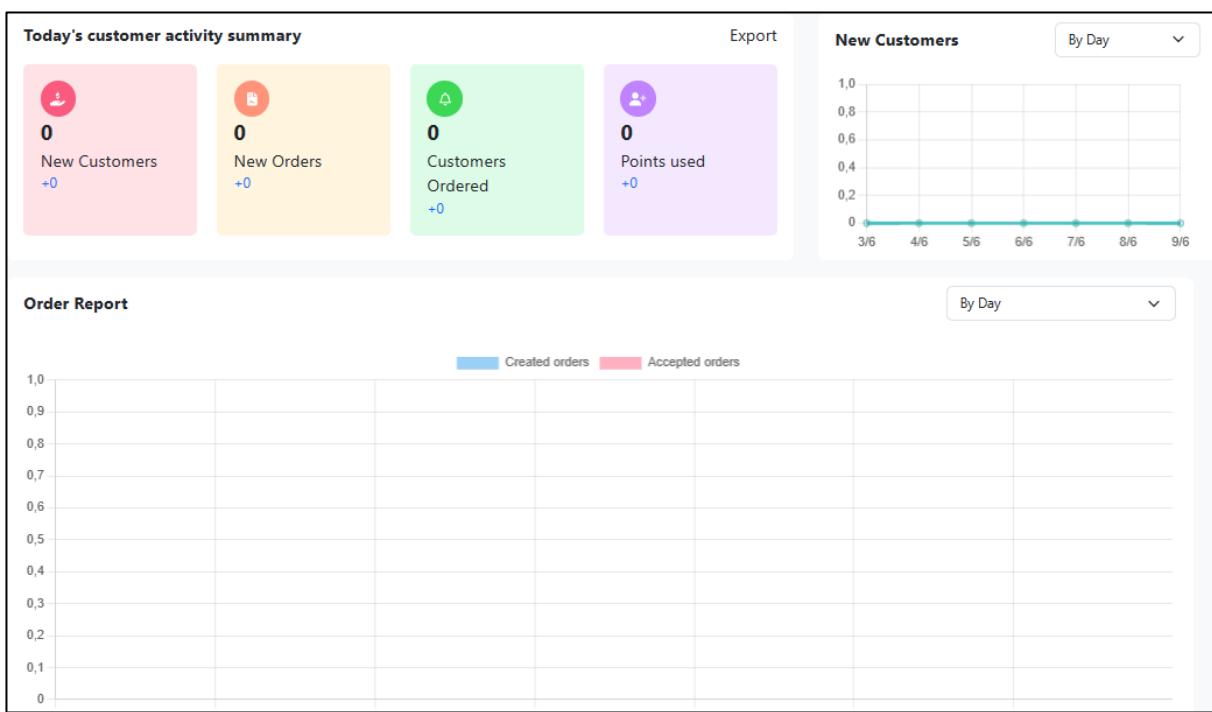
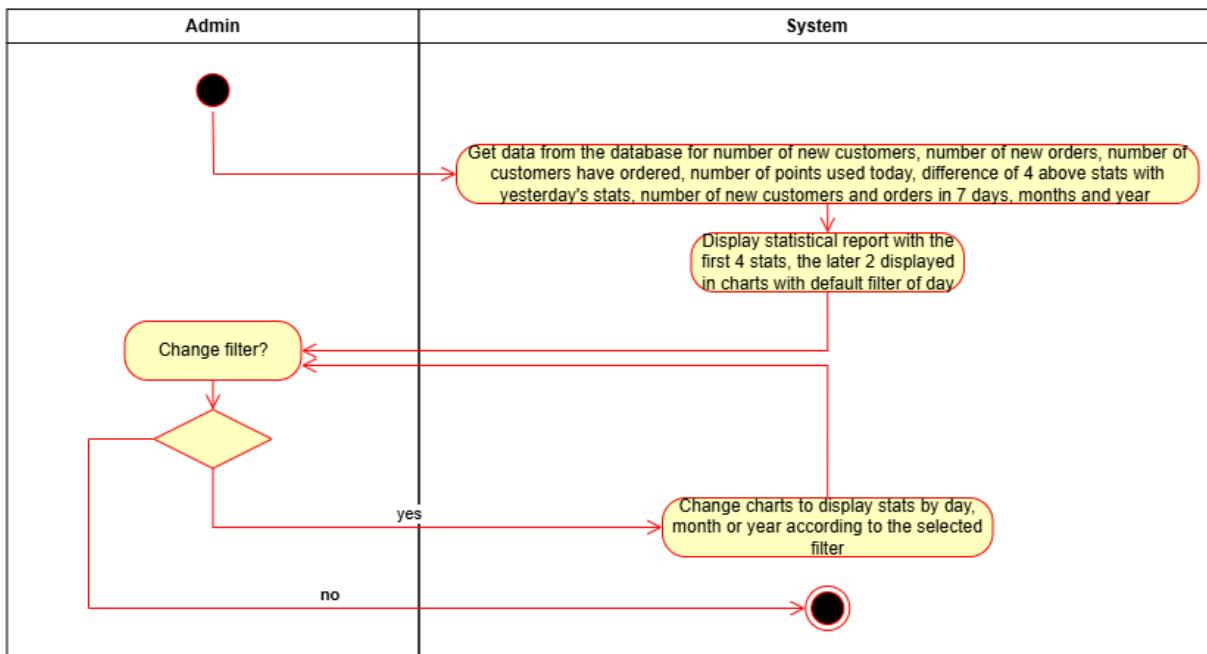
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.11. See customer statistical report



Prepared By:

Duy Nguyen

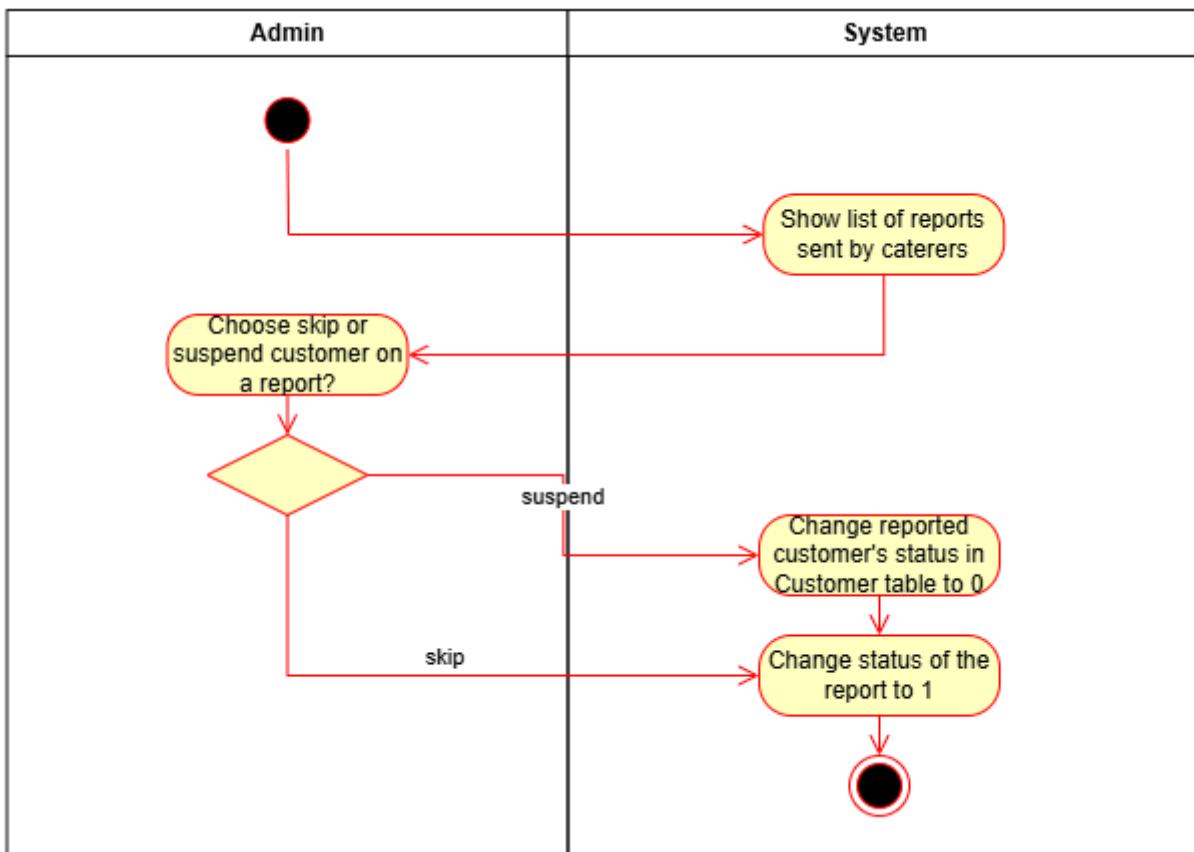
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.12. Handle customer reports



ID	Reporter	Reportee	Description	Date	Status	Action
1	caterer1@gmail.com	customer2@gmail.com	This customer is a scammer	15-05-2024	Handled	
3	caterer4@gmail.com	customer1@gmail.com	This customer is a spammer	18-05-2024	Unhandled	<button>Suspend</button> <button>Skip</button>
5	caterer1@gmail.com	customer4@gmail.com	Just a report	17-05-2024	Handled	
6	caterer3@gmail.com	customer2@gmail.com	I report him	16-05-2024	Unhandled	<button>Suspend</button> <button>Skip</button>

Showing 1 to 4 of 4 entries

Prepared By:

Duy Nguyen

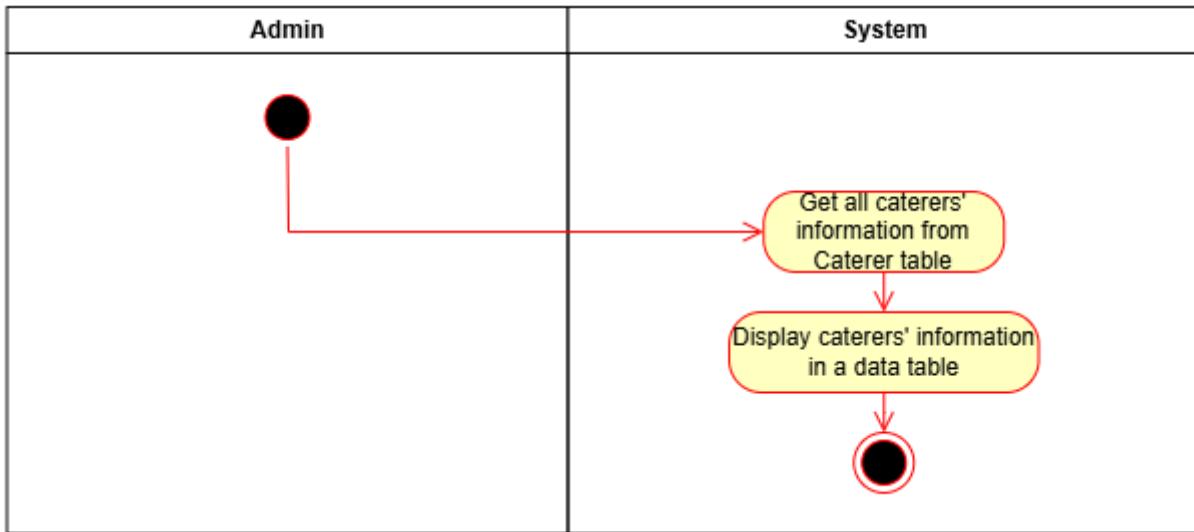
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.13. View caterer information



Caterer Information Table									
Email	Rank	Rank ending date	Rating	Full name	Phone	Address	Create date	Active	Actions
caterer1@gmail.com	\$15.0	17-07-2024	4.5	Golden Hands	0987654321	123 Nguyen Van Linh, Tan Thuan Tay, District 7, Ho Chi Minh City	10-02-2022	Active	<button>Edit</button> <button>Suspend</button>
caterer2@gmail.com	\$30.0	31-05-2024	4.2	Something Snacky!	0123456789	456 Le Loi, Hoang Van Thu, Hong Bang, Hai Phong	01-01-2022	Suspended	<button>Edit</button> <button>Unsuspend</button>
caterer3@gmail.com	\$100.0	01-07-2024	3.0	The Fine Day	0156418944	456 Le Loi, Hoang Van Thu, District 7, Ho Chi Minh City	01-01-2022	Active	<button>Edit</button> <button>Suspend</button>
caterer4@gmail.com	\$15.0	01-05-2024	2.2	Happy Chew	0468531953	10 Nguyen Trai, An Binh, Ha Dong, Ha Noi	01-01-2022	Active	<button>Edit</button> <button>Suspend</button>
caterer5@gmail.com	\$15.0	01-07-2024	1.8	Royal	0563249856	36 Le Lai, Anh Dung, Thanh Khe, Da Nang	01-01-2022	Active	<button>Edit</button> <button>Suspend</button>

Prepared By:

Duy Nguyen

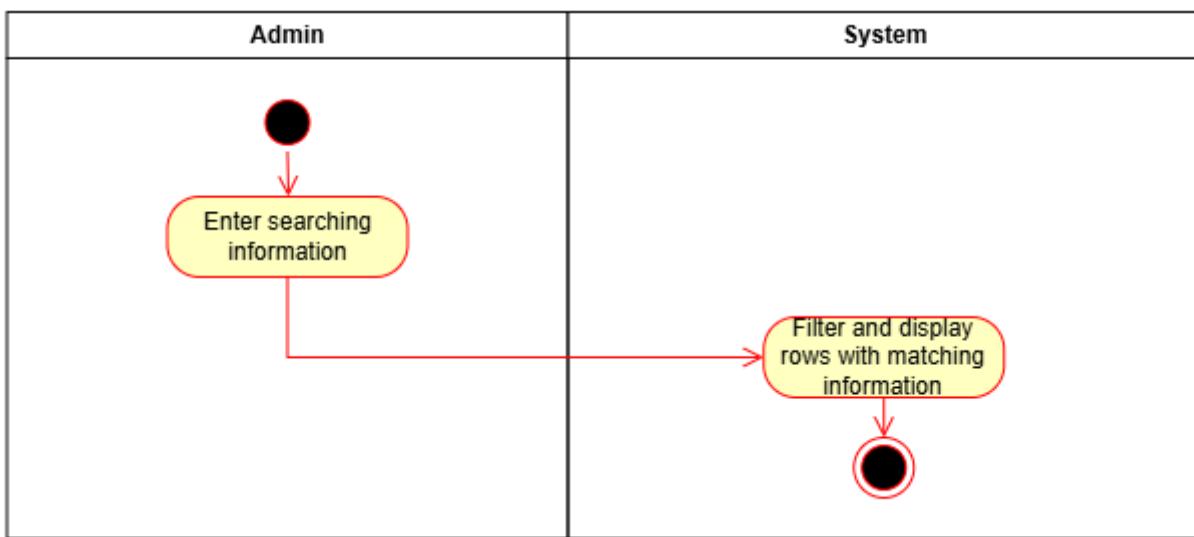
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.14. Find caterer



Prepared By:

Duy Nguyen

Date:

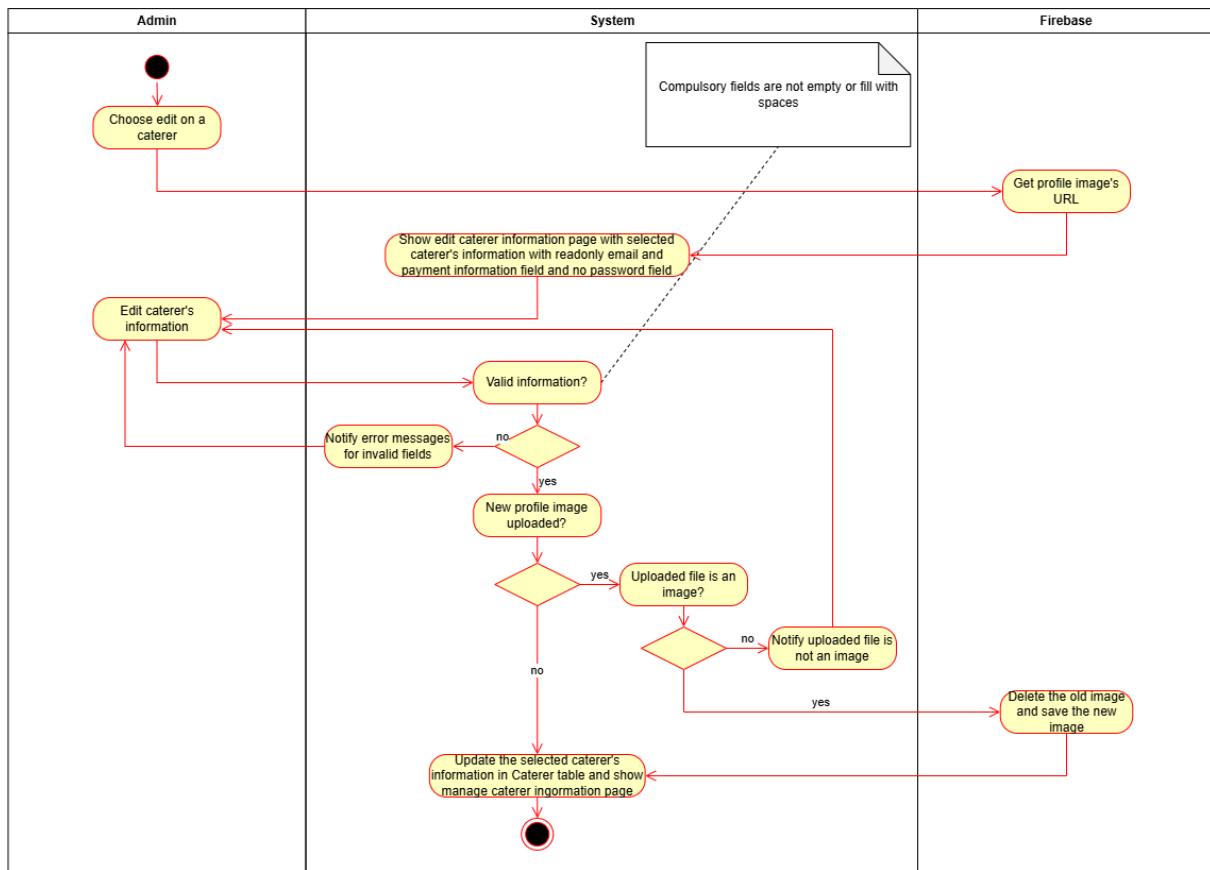
21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 7: Process Design Document

7.2.15. Edit caterer information



Email: caterer1@gmail.com **Create date:** 2022-02-10
Rating: 4.5 **Payment information:** NCB 0123456798
Full name *: Golden Hands **Phone ***: 0987654321 **Point**: 0
Rank ID *: 1 **Rank fee:** \$15.0 **Rank CPO:** \$2.0 **Rank max dish:** 30
Rank starting date: 2024-05-17 **Rank ending date ***: 17/07/2024
New Profile Image: Chọn tệp **Birthday**: 20/09/1988 **Gender ***: Male
Address *: 123 Nguyen Van Linh, Tan Thuan Tay, District 7, Ho Chi Minh City
Description: Experienced caterer specializing in Italian cuisine.
Active *: Active
Submit

A photograph of a storefront for "NOURISH Health Food Store" is displayed on the right side of the form.

Prepared By:

Duy Nguyen

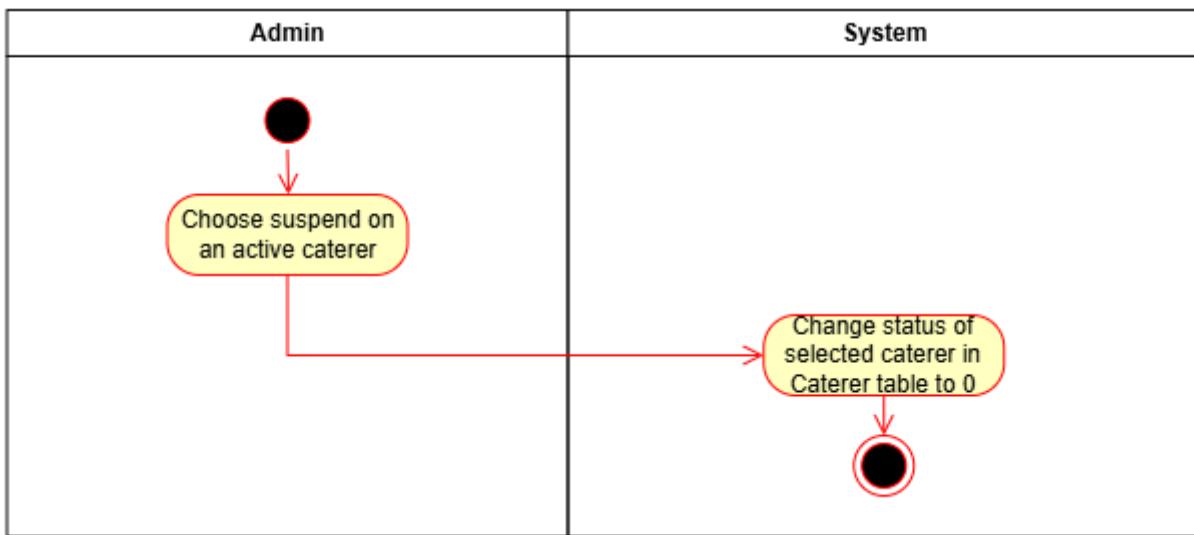
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.16. Suspend caterer



Prepared By:

Duy Nguyen

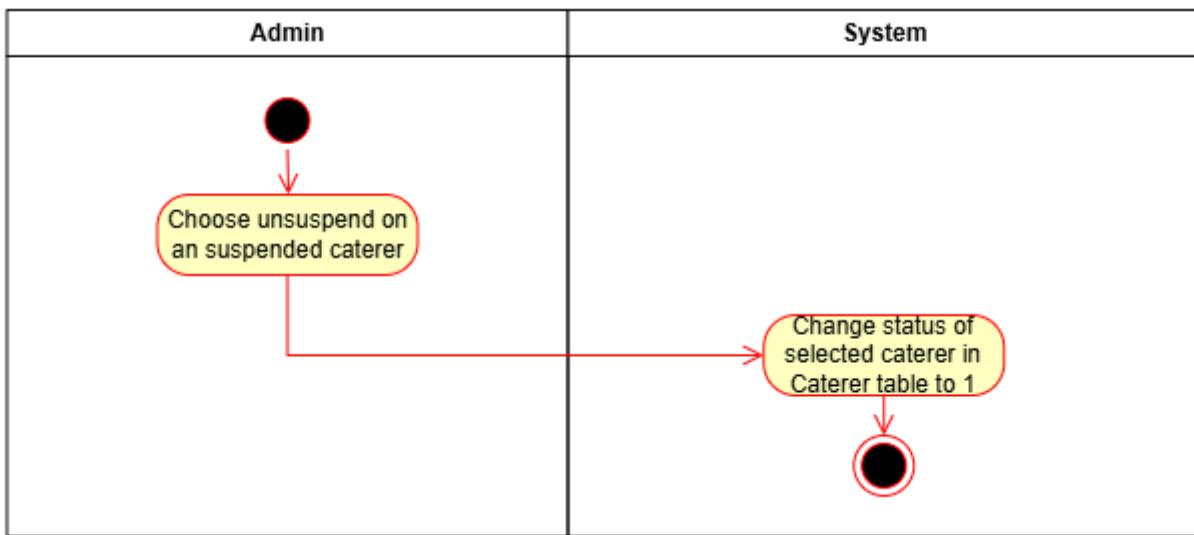
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.17. Unsuspend caterer



Prepared By:

Duy Nguyen

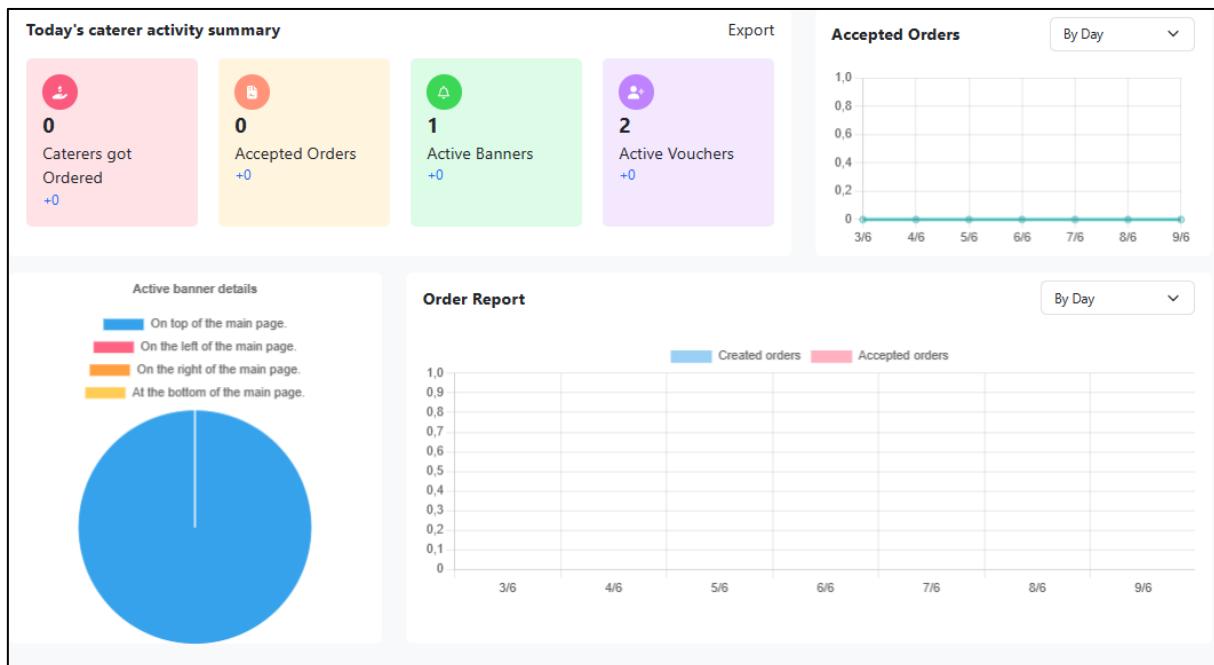
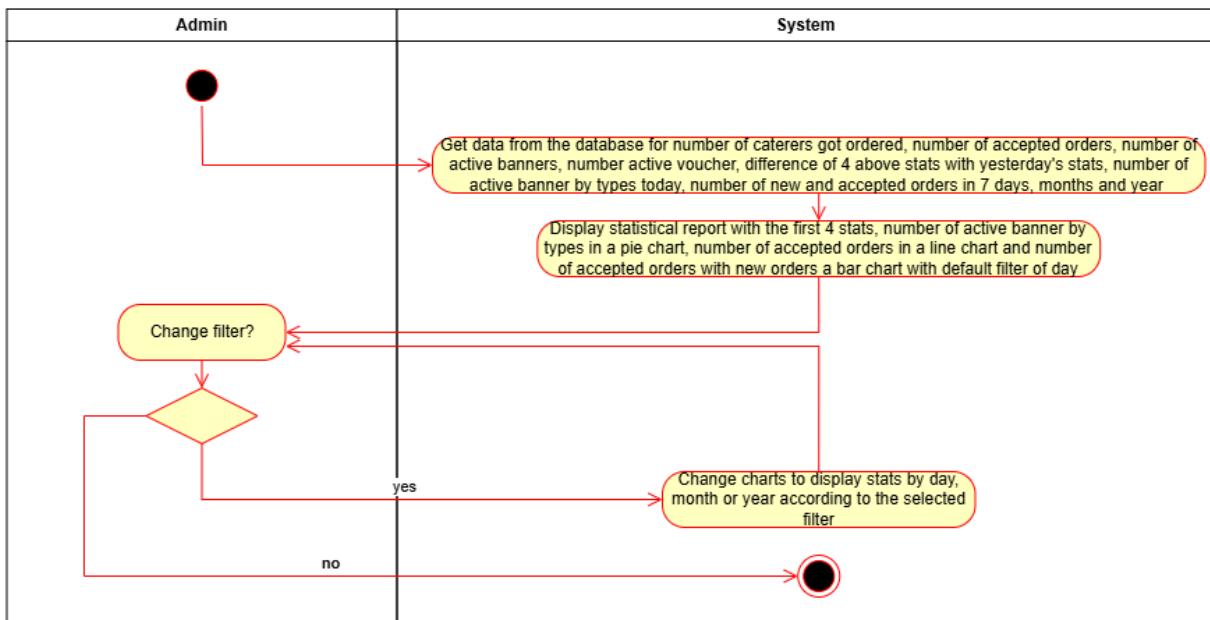
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.18. See caterer statistical report



Prepared By:

Duy Nguyen

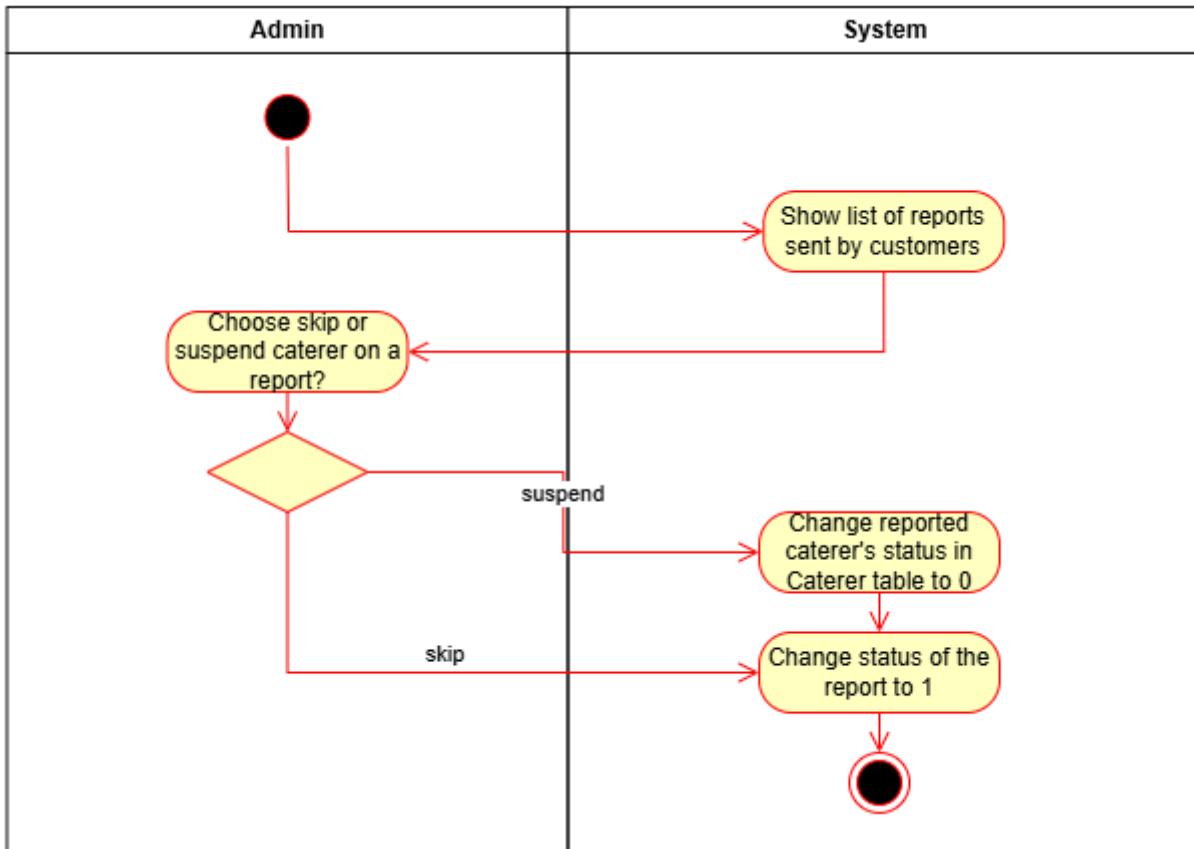
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.19. Handle caterer reports



entries per page							Search:
ID	Reporter	Reportee	Description	Date	Status	Action	
2	customer3@gmail.com	caterer2@gmail.com	This caterer don't offer service as stated	20-04-2024	Handled	<button>Suspend</button> <button>Skip</button>	
4	customer3@gmail.com	caterer5@gmail.com	This caterer's service is unacceptable	18-05-2024	Unhandled	<button>Suspend</button> <button>Skip</button>	
7	customer1@gmail.com	caterer2@gmail.com	Discrimination	25-04-2024	Unhandled	<button>Suspend</button> <button>Skip</button>	

Showing 1 to 3 of 3 entries

Prepared By:

Duy Nguyen

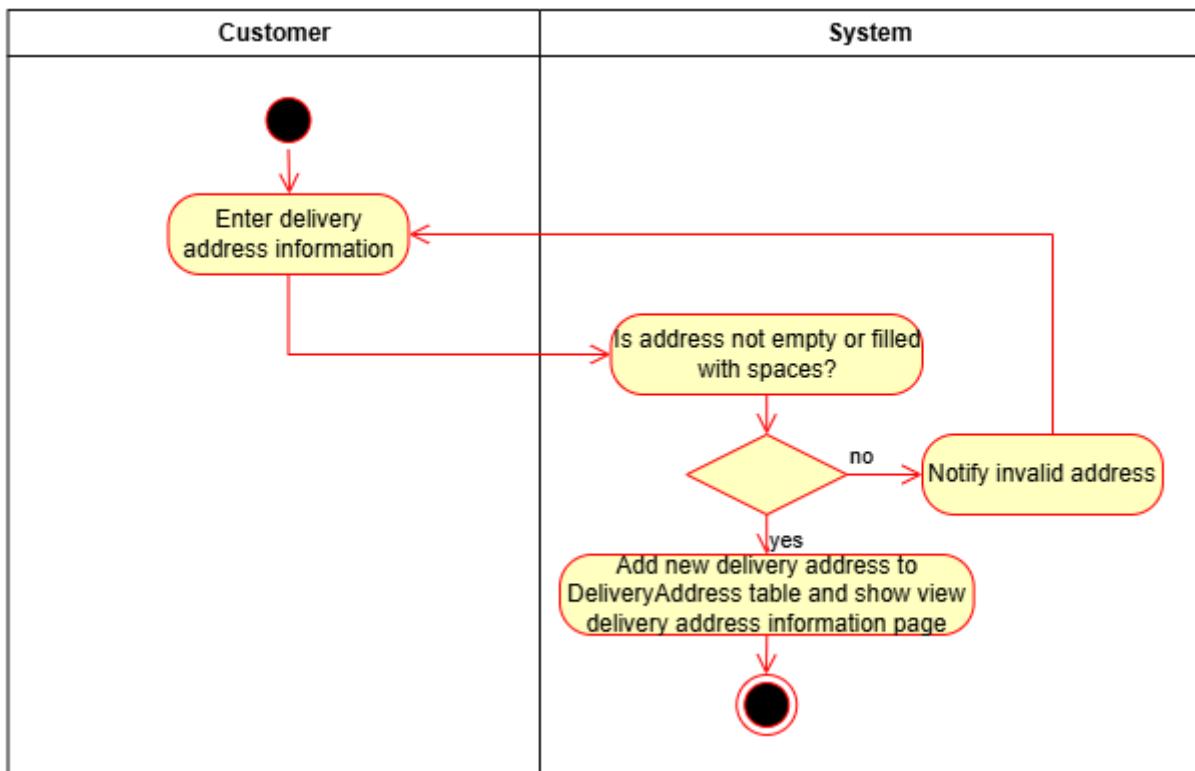
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.20. Add delivery address

**Address ***

Your address

District *

Cai Rang, Can Tho

Submit

Prepared By:

Duy Nguyen

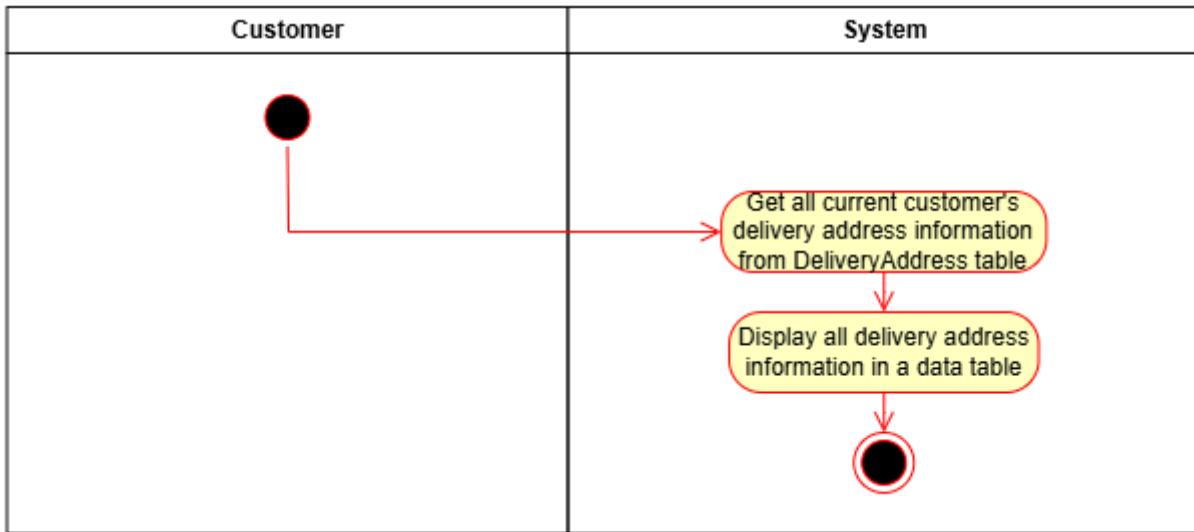
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.21. View delivery address information



Address				District	City	Actions
123 Pho Chinh, A		Cai Rang	Can Tho	<button>Edit</button> <button>Delete</button>		
222 Hanh Phuc, E		Thot Not	Can Tho	<button>Edit</button> <button>Delete</button>		
Showing 1 to 2 of 2 entries						
<< < 1 > >>						

Prepared By:

Duy Nguyen

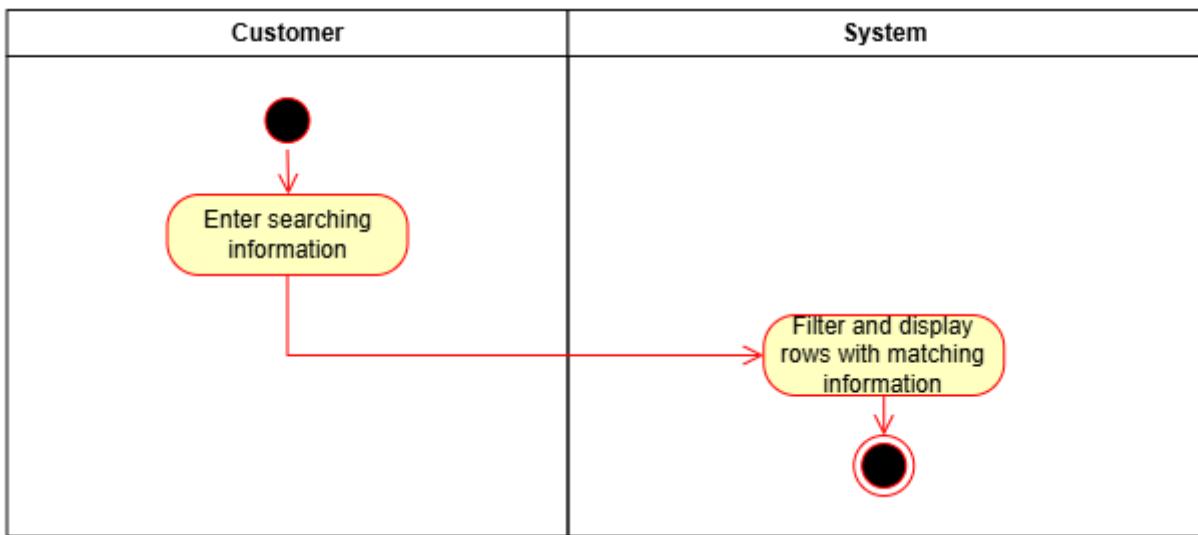
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.22. Find delivery address



Prepared By:

Duy Nguyen

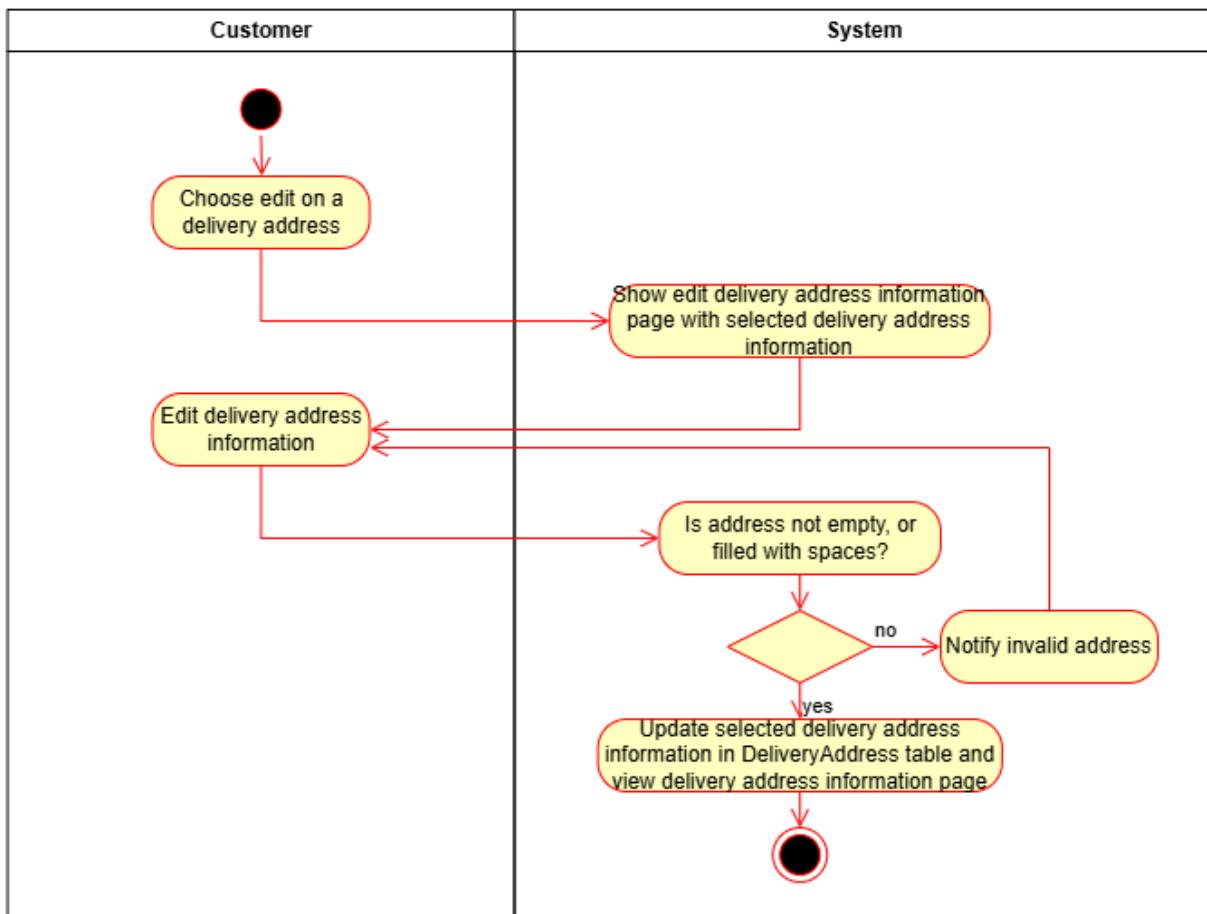
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.23. Edit delivery address information



Address *
<input style="width: 100%;" type="text" value="123 Pho Chinh, A"/> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input style="width: 100%;" type="text" value="Cai Rang, Can Tho"/> </div>
Submit

Prepared By:

Duy Nguyen

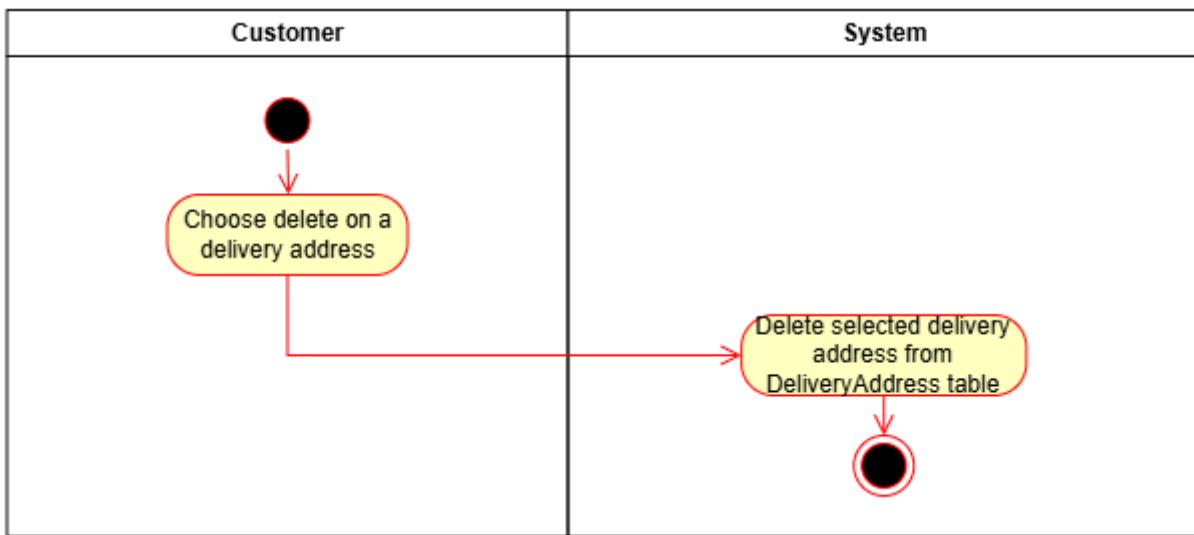
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.24. Delete delivery address



Prepared By:

Duy Nguyen

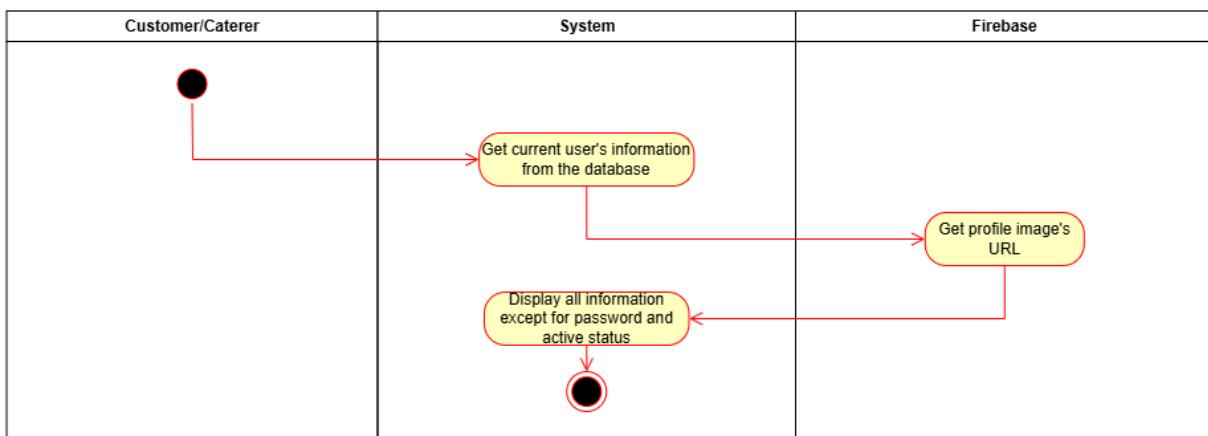
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.25. View profile



Prepared By:

Duy Nguyen

Date:

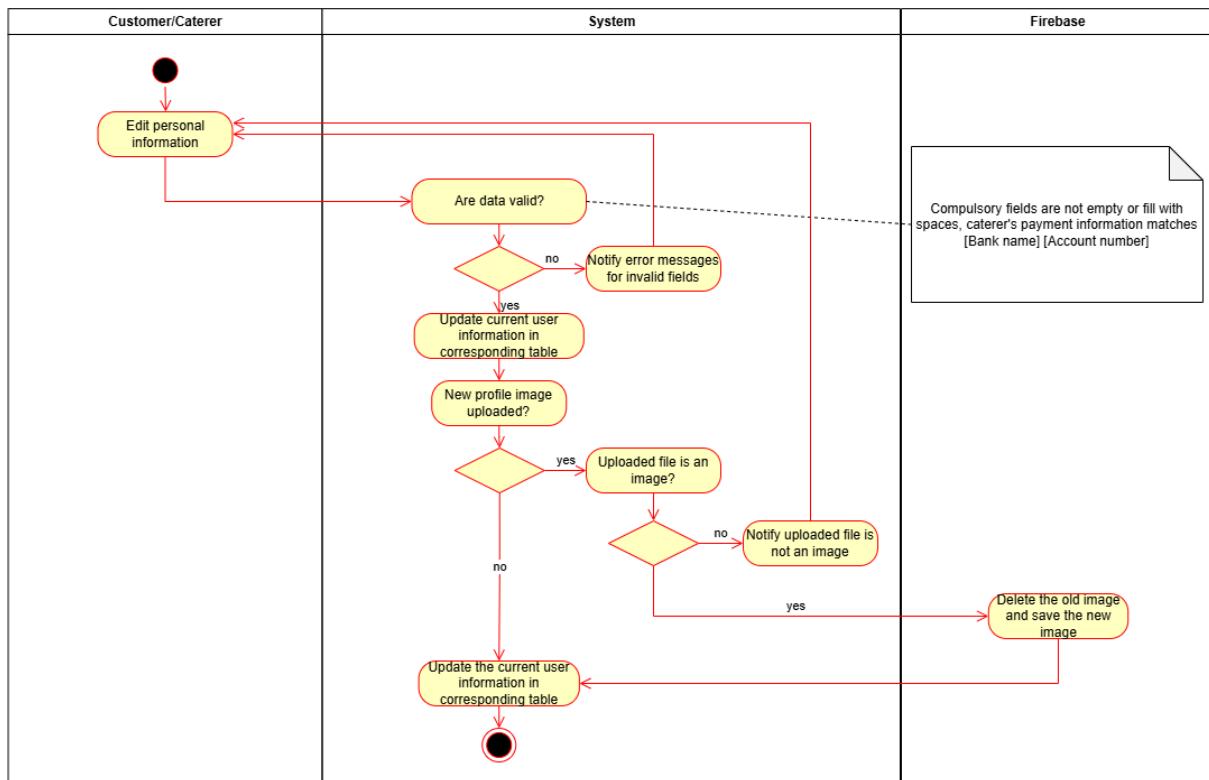
21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 7: Process Design Document

7.2.26. Edit profile



Email: customer1@gmail.com	Roll chance: 0
Create date: 2020-04-12	Point: 0
Full name *	
 Duc Anh Tran	
New Profile Image	
Chọn tệp	Không tệp nào được chọn
Phone *	0756448651
Birthday	Gender *
 12/09/2004	 Male
Address *	
 145 Ly Loi, An Dinh	
Thanh Khe, Da Nang	
Submit	



Prepared By:

Duy Nguyen

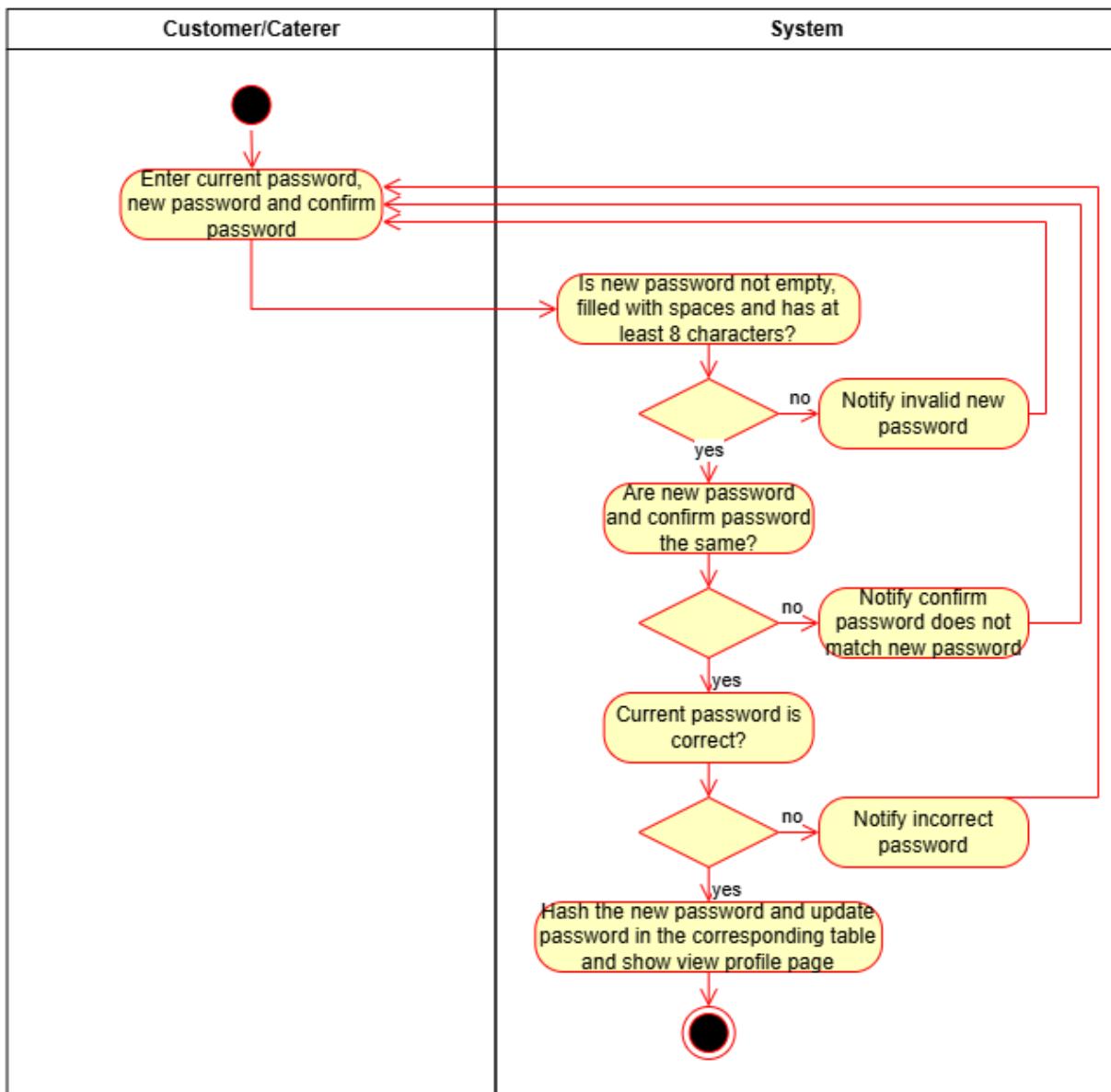
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.27. Change password



< Back

Current Password

New Password

Confirm Password

Prepared By:

Duy Nguyen

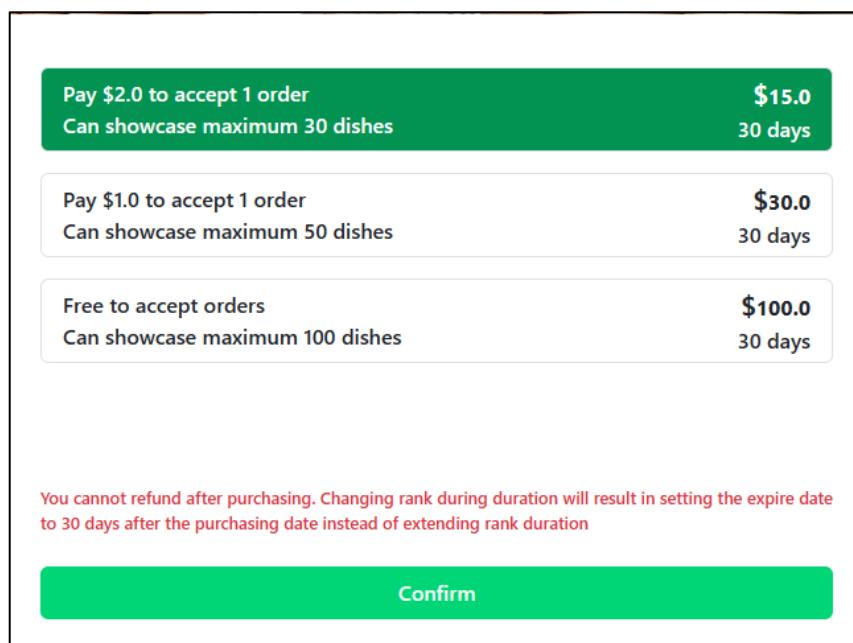
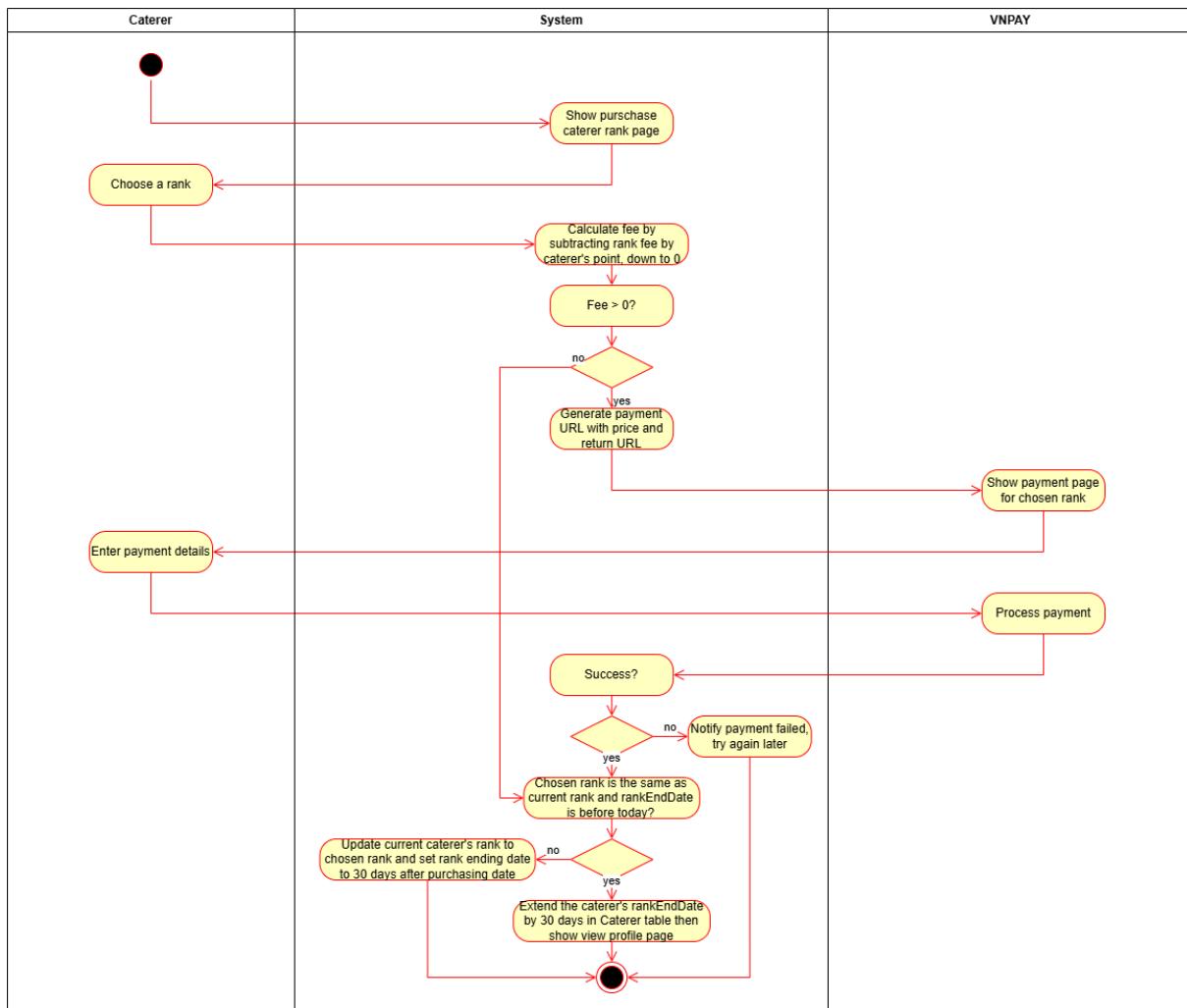
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.28. Extend or change caterer rank



Prepared By:

Duy Nguyen

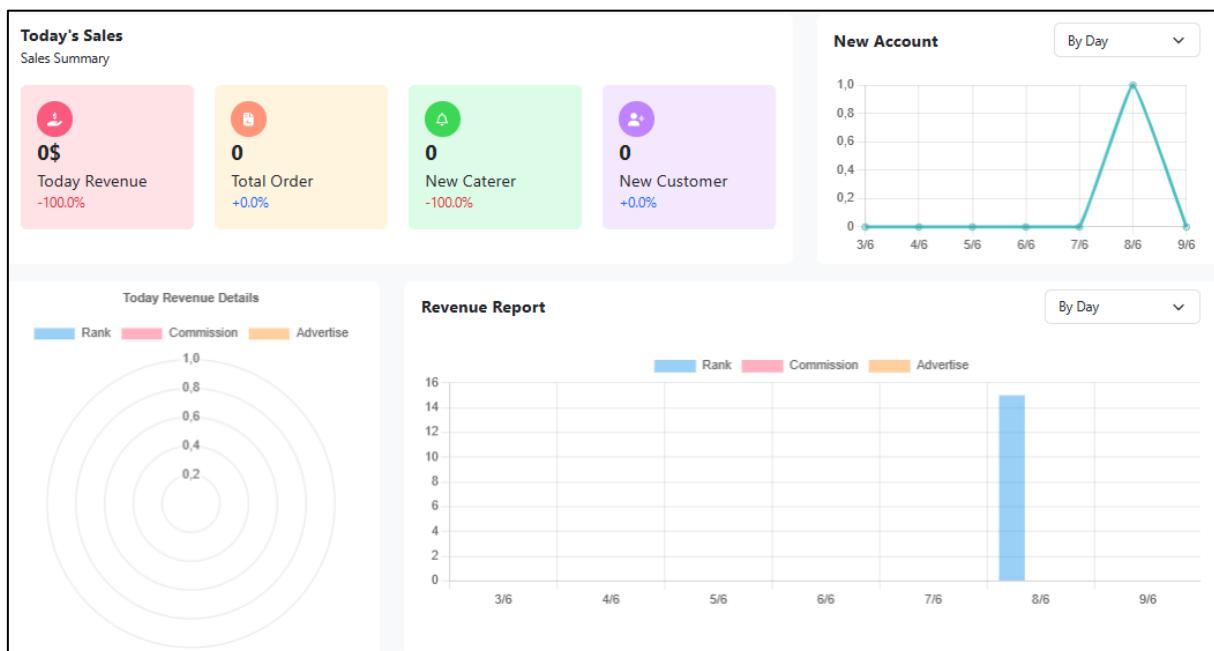
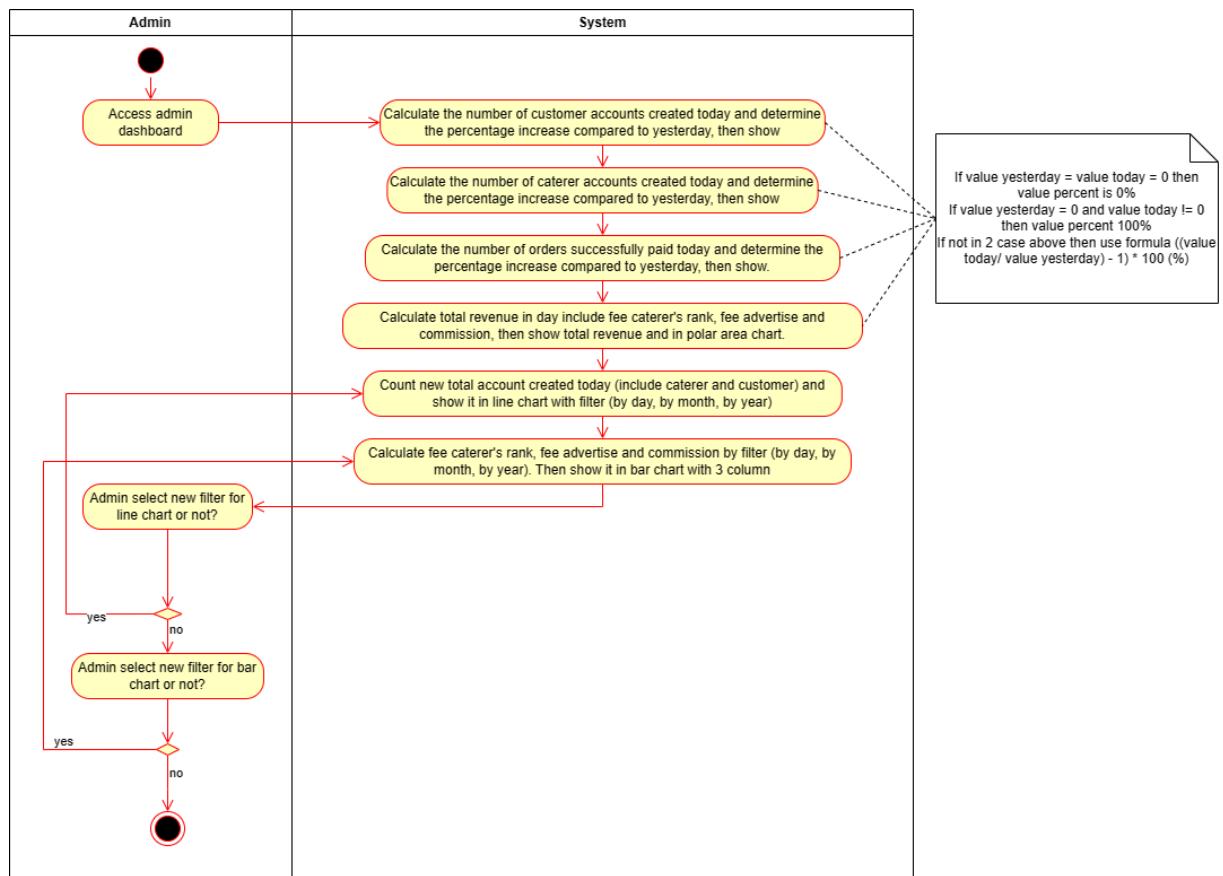
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.29. Access admin dashboard



Prepared By:

Duy Nguyen

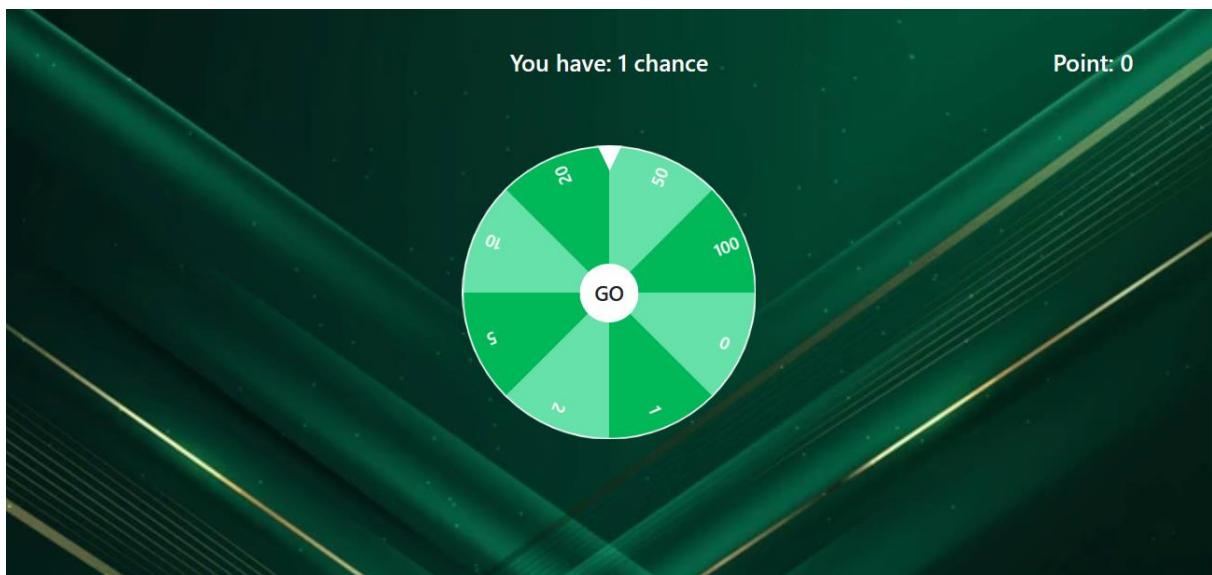
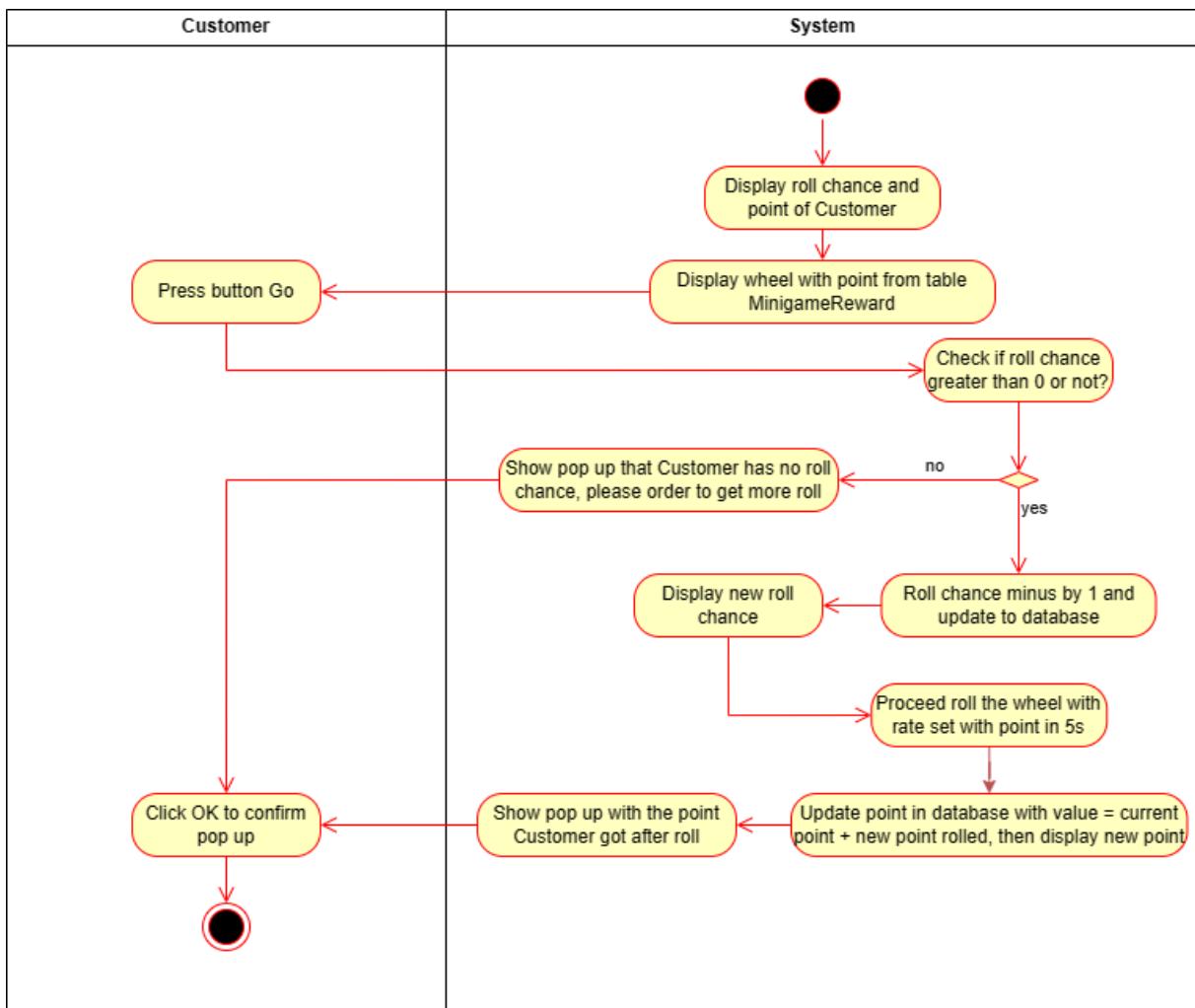
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.30. Play minigame



Prepared By:

Duy Nguyen

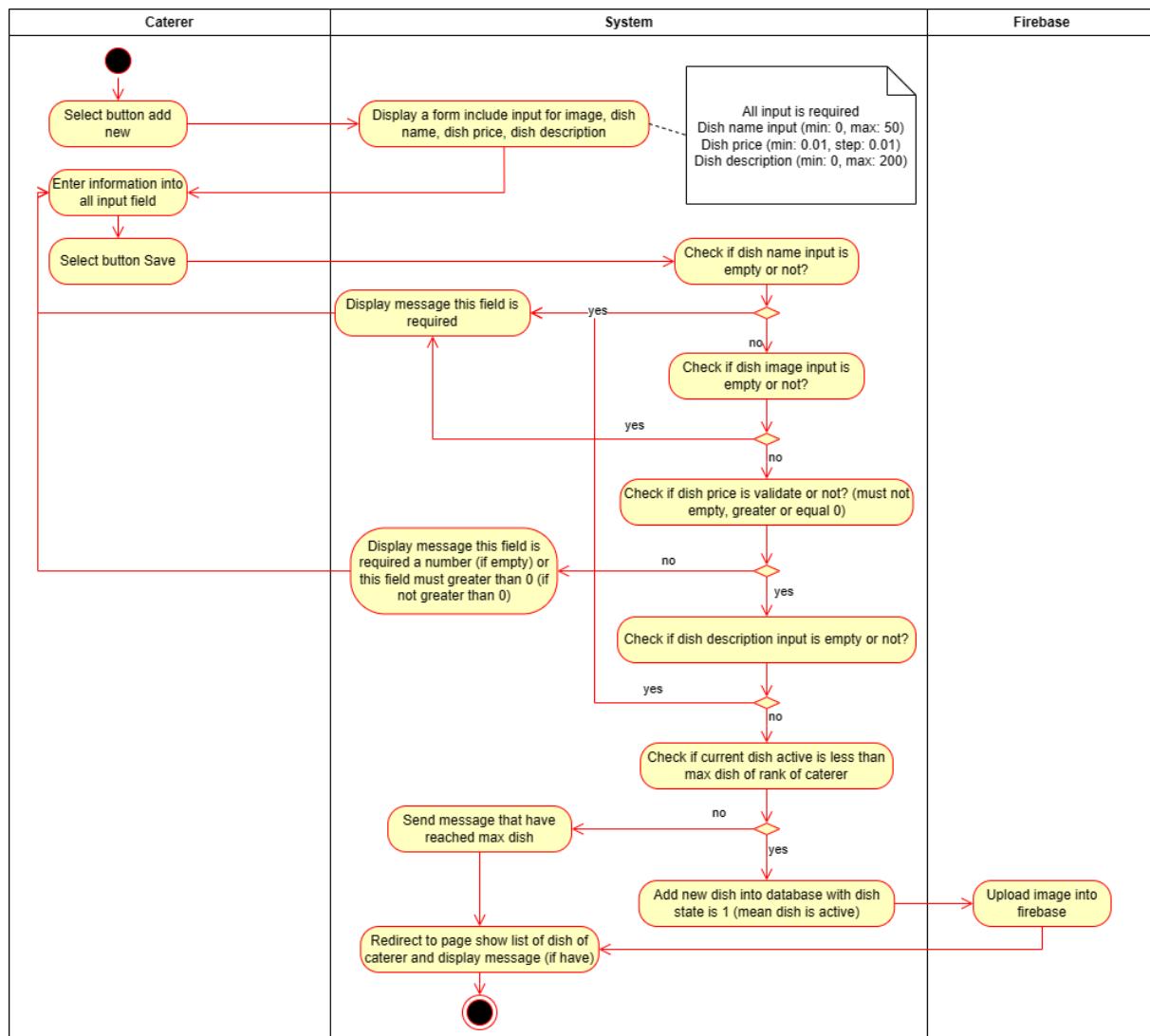
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.31. Add caterer dish



Dish Name	<input type="text"/>
Dish Image	<input type="file"/> Chọn tệp Không tệp nào được chọn
Dish Description	<input type="text"/>
Dish Price	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

Prepared By:

Duy Nguyen

Date:

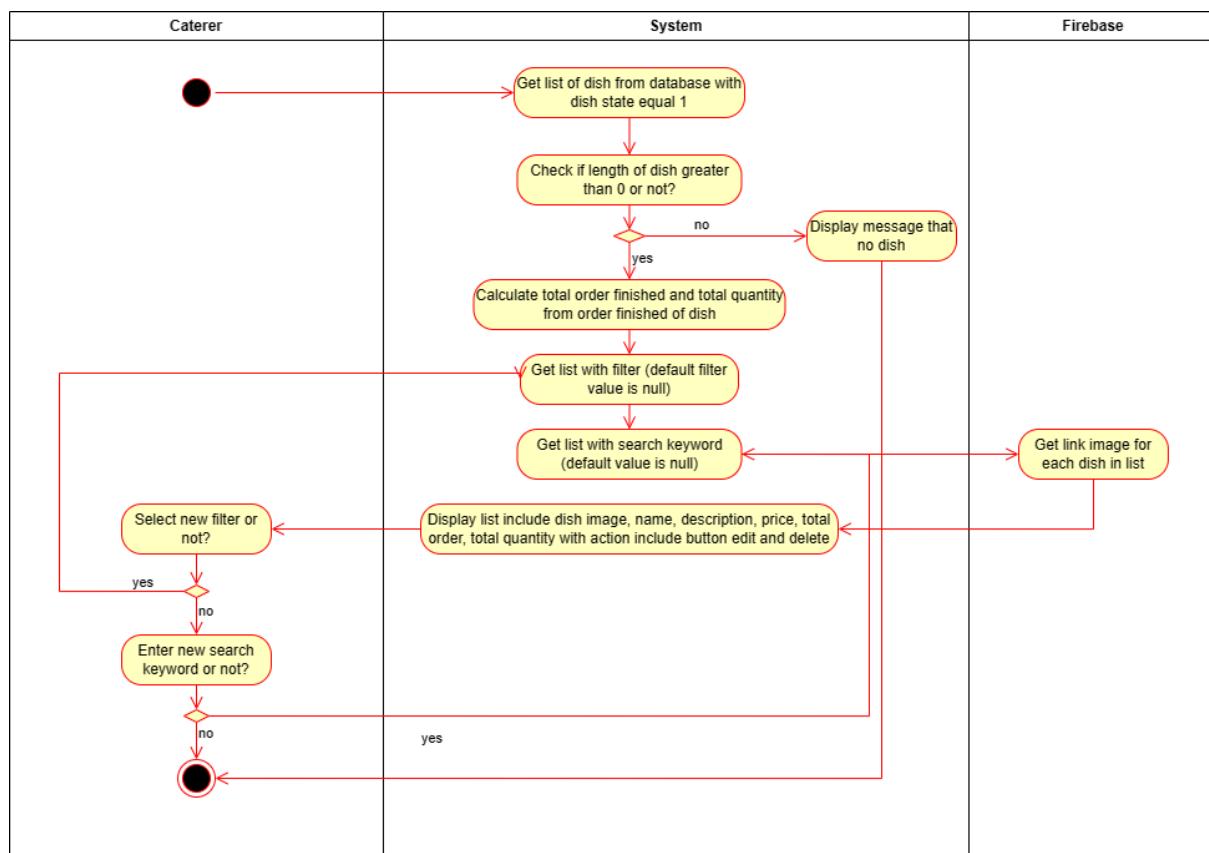
21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 7: Process Design Document

7.2.32. View caterer dish



Statistical reports							Add new dish
		5	entries per page	Search: <input type="text"/>			
Image	Name	Description		Price	Order	Quantity	Action
	Antipasto Platter	An assortment of cured meats, cheeses, olives, and marinated vegetables.		180.0	0	0	<button>Edit</button> <button>Delete</button>
	Bruschetta	Toasted bread topped with fresh tomatoes, basil, and garlic.		60.0	0	0	<button>Edit</button> <button>Delete</button>
	Caprese Salad	A classic salad with mozzarella, tomatoes, and basil.		50.0	0	0	<button>Edit</button> <button>Delete</button>

Prepared By:

Duy Nguyen

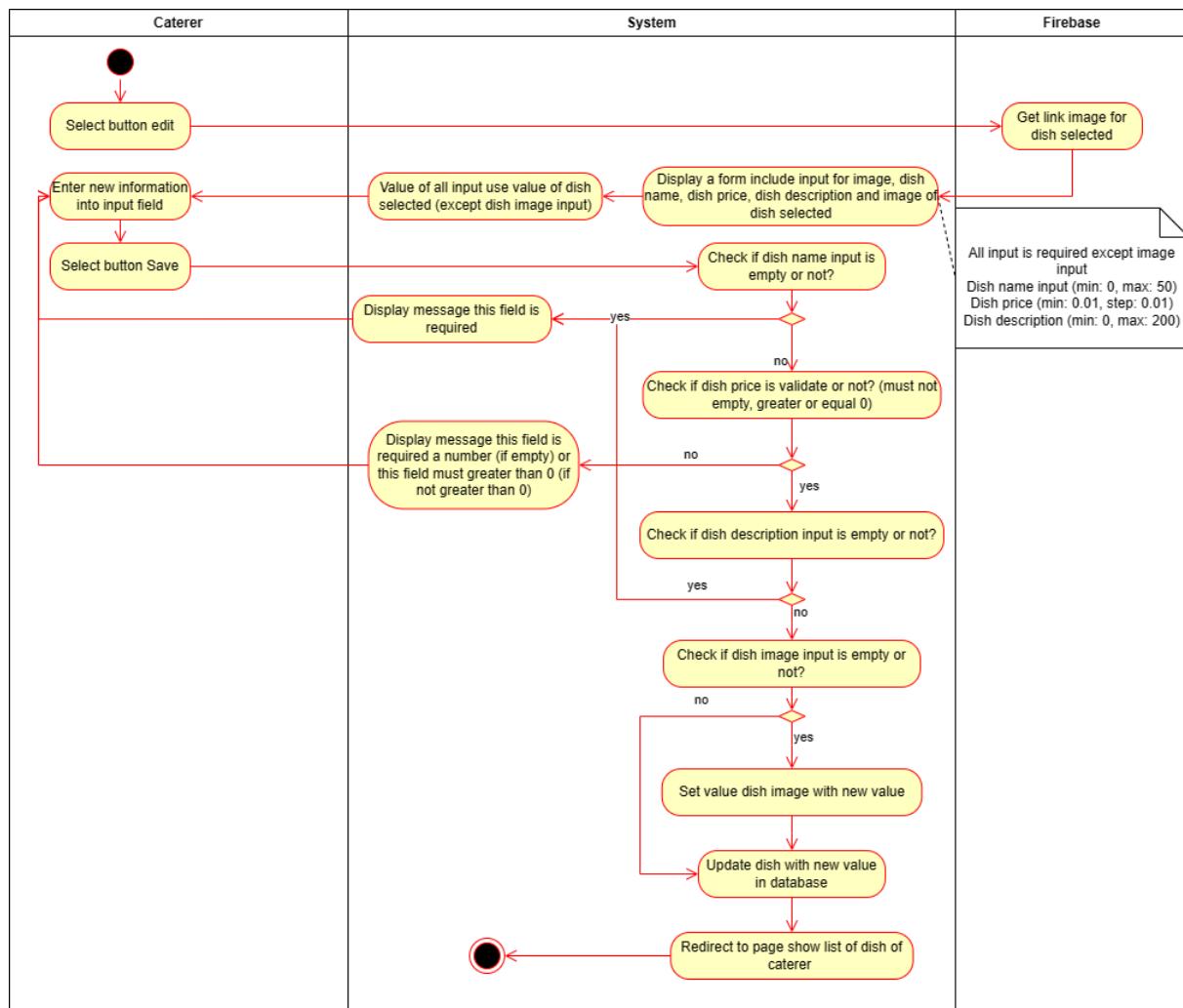
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.33. Update caterer dish



Dish Name	<input type="text" value="Antipasto Platter"/>
Dish Image	
Dish Description	<input type="text" value="An assortment of cured meats, cheeses, olives, and marinated vegetables."/>
Dish Price	<input type="text" value="180,0"/>
	<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Prepared By:

Duy Nguyen

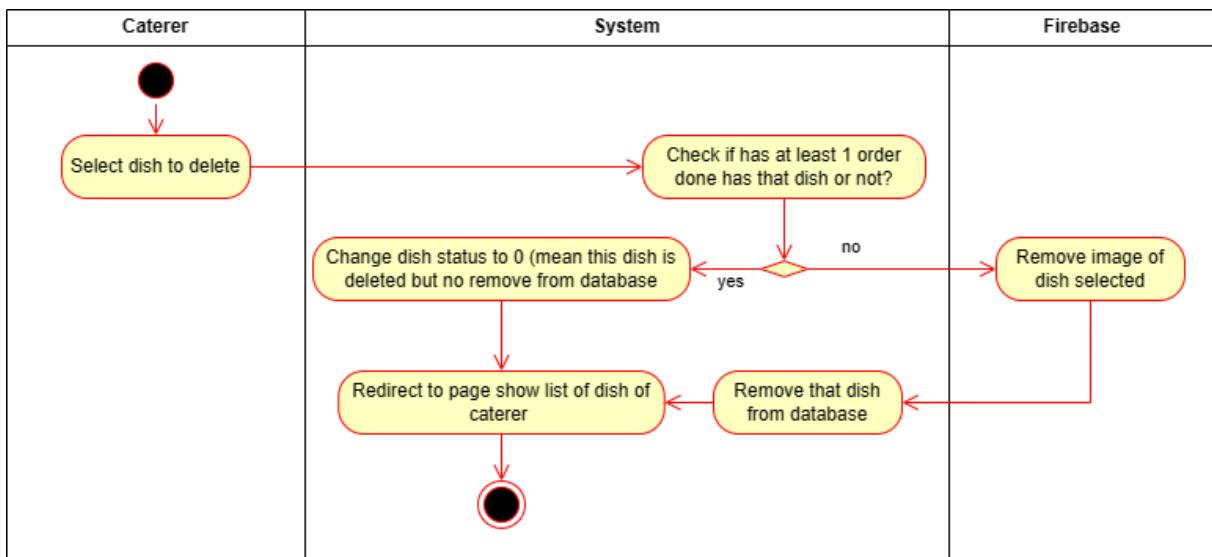
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.34. Delete caterer dish



Prepared By:

Duy Nguyen

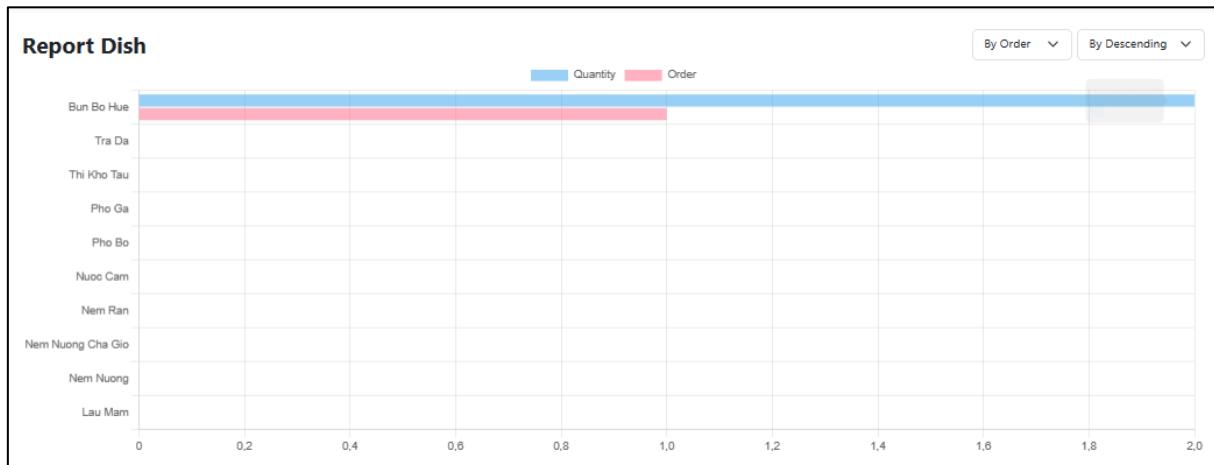
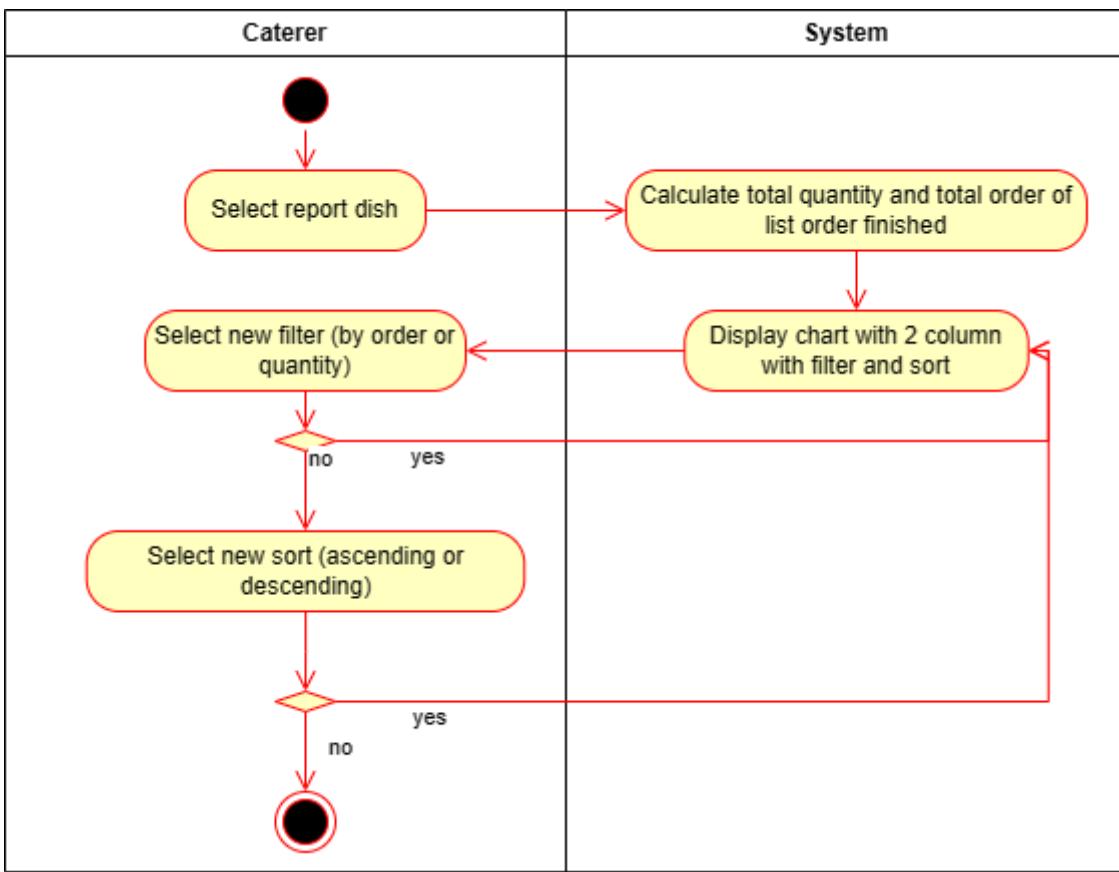
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.35. Report caterer dish



Prepared By:

Duy Nguyen

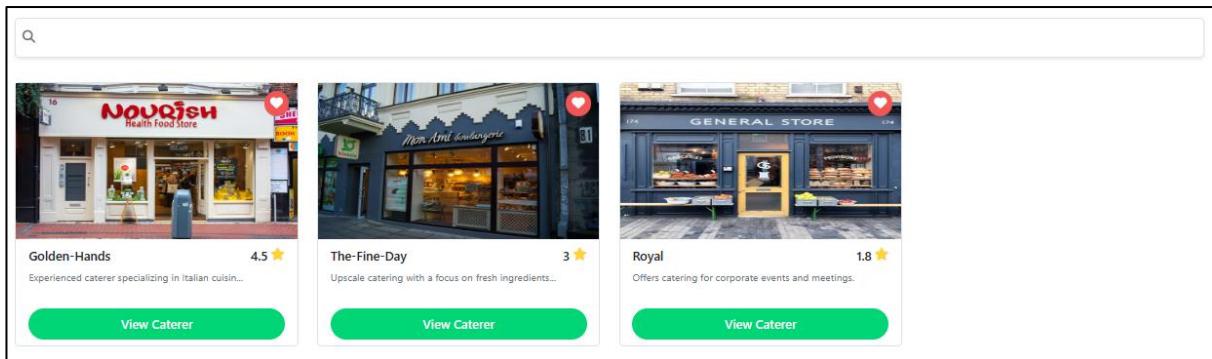
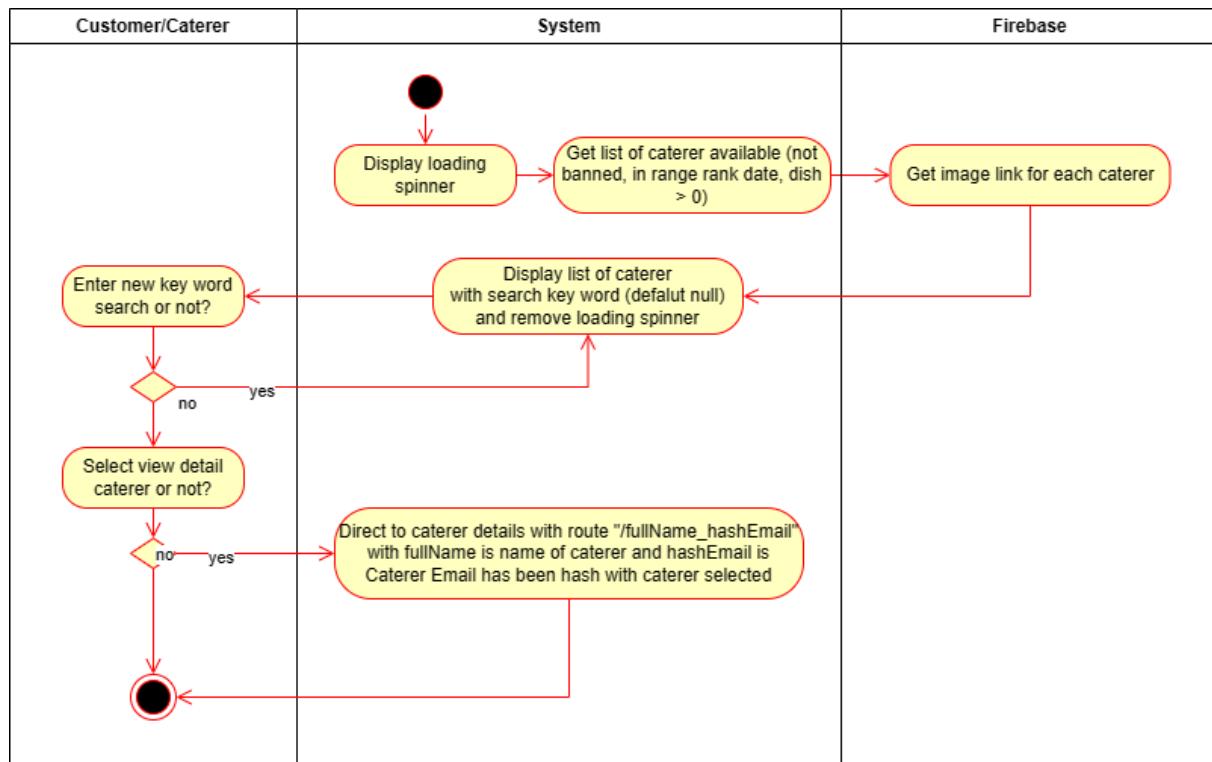
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.36. View list caterer



Prepared By:

Duy Nguyen

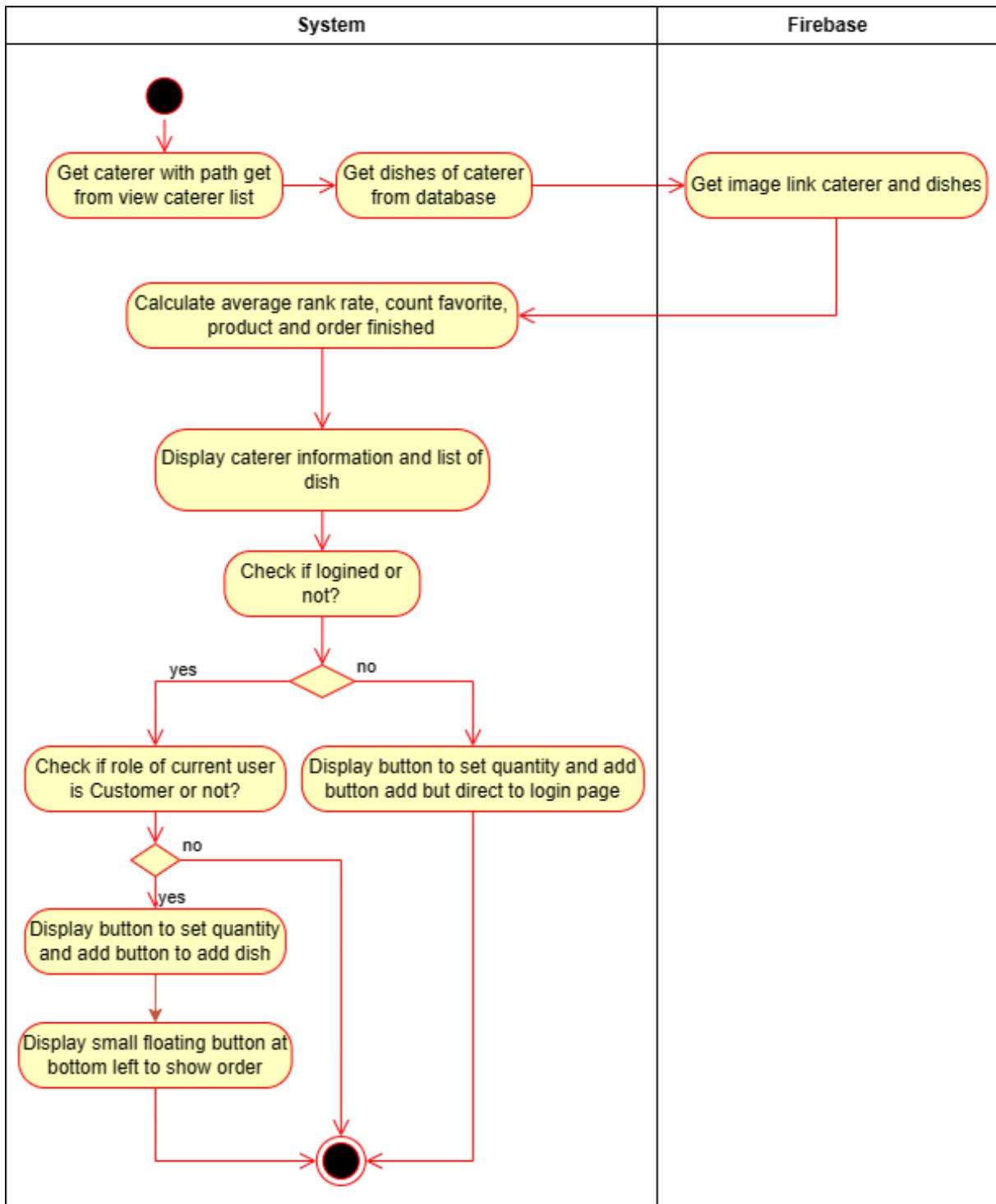
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.37. View caterer details



Prepared By:

Duy Nguyen

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Form No. 7: Process Design Document

 Royal
Da Nang Thanh Khe
GENERAL STORE
36 Le Lai, Anh Dung

Rank: 1
Rate: 1.8
Favorite: 1

Dish: 6
Join Time: 2022-01-01
Order: 1

 Guacamole and Chips \$60.0 <div style="display: flex; justify-content: space-around;">-1+</div> Cart	 Quesadillas \$50.0 <div style="display: flex; justify-content: space-around;">-1+</div> Cart	 Tacos \$70.0 <div style="display: flex; justify-content: space-around;">-1+</div> Cart	 Burritos \$80.0 <div style="display: flex; justify-content: space-around;">-1+</div> Cart
 Enchiladas	 Churros		

More

Prepared By:

Duy Nguyen

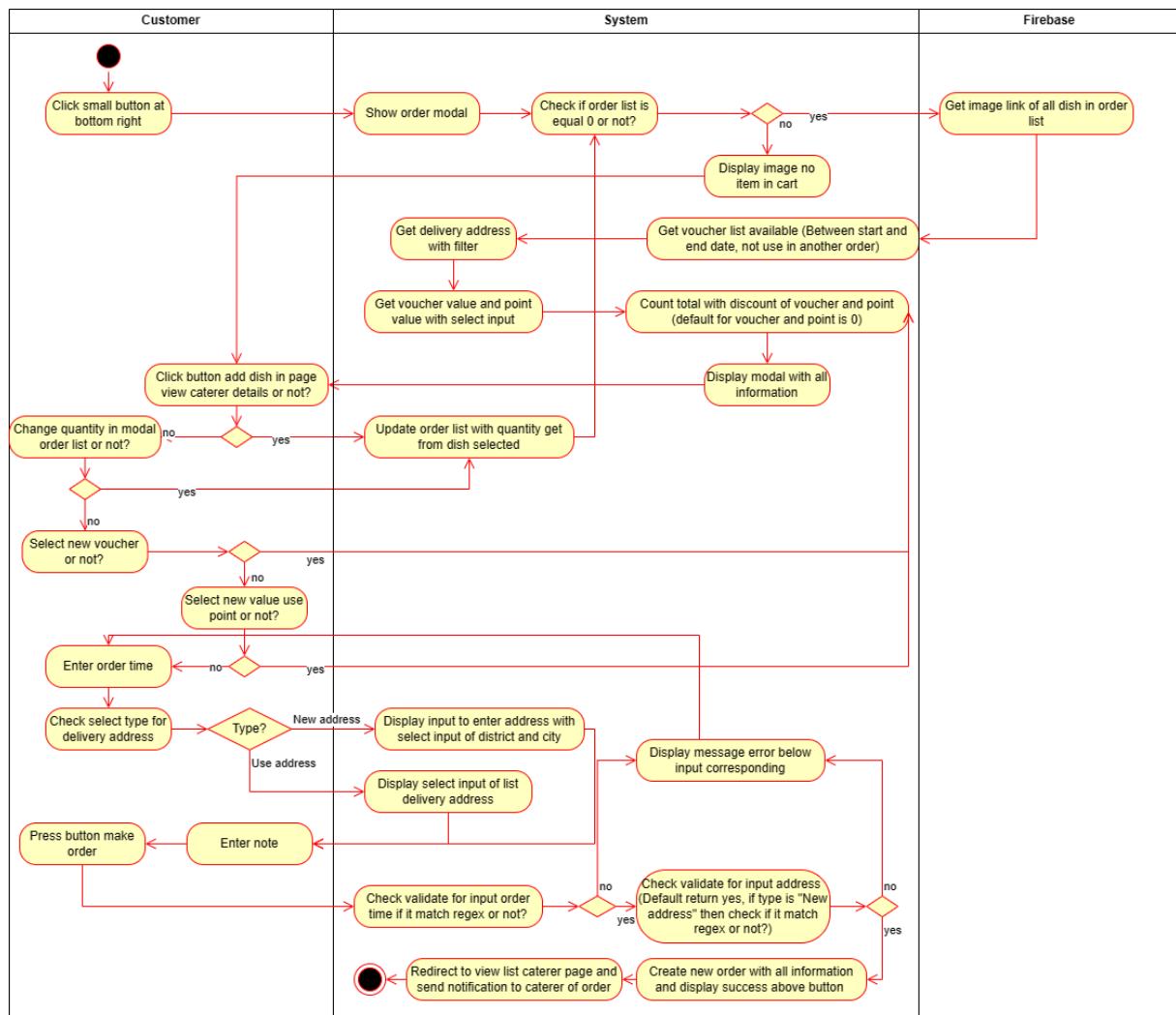
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.38. Make order



Prepared By:

Duy Nguyen

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Your Order


NO ITEMS IN CART

Your Order

 **Guacamole and Chips** \$60

- 1 + 60 

 **Quesadillas** \$50

- 1 + 50 

 **Churros** \$40

- 1 + 40 

Voucher: ▼

Use Point?: ▼

Order time (yyyy-MM-dd HH:mm)*:

Use new address ▼

Delivery address*:

Total \$150

Note

Make order

Prepared By:

Duy Nguyen

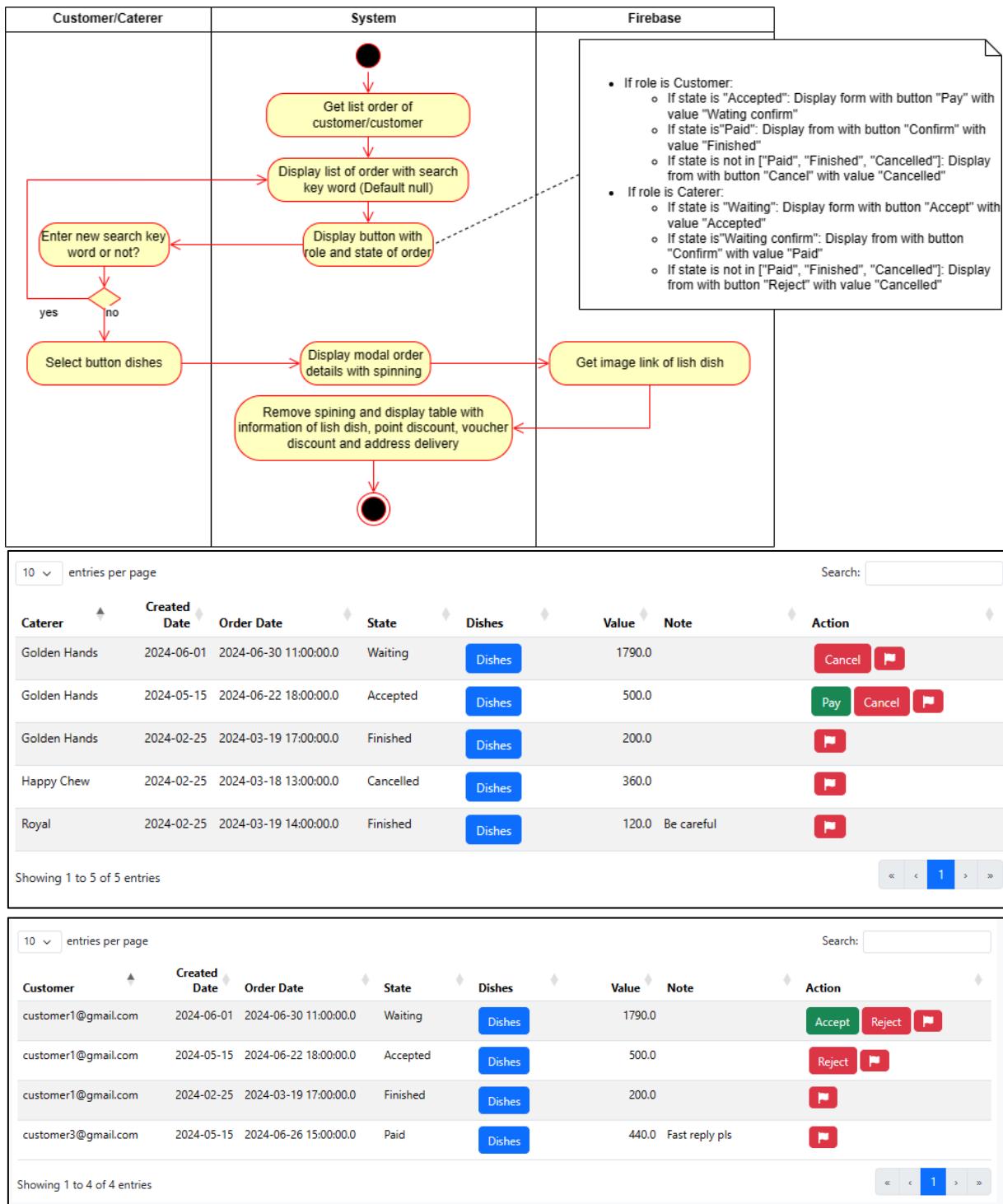
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.39. View order



Prepared By:

Duy Nguyen

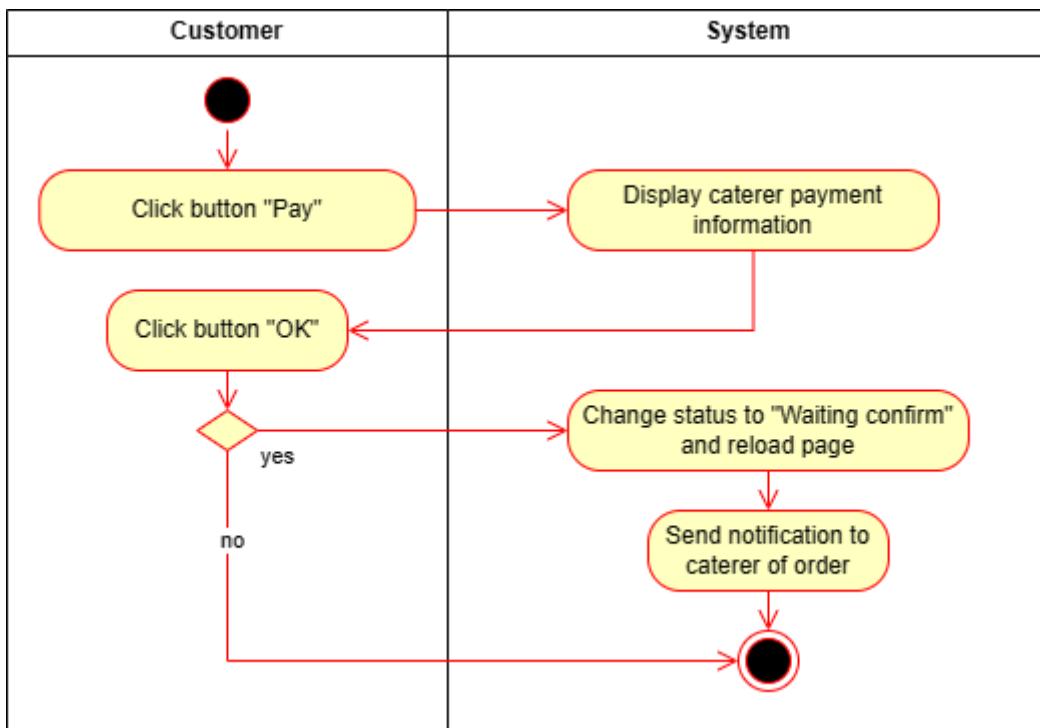
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.40. Pay order



Prepared By:

Duy Nguyen

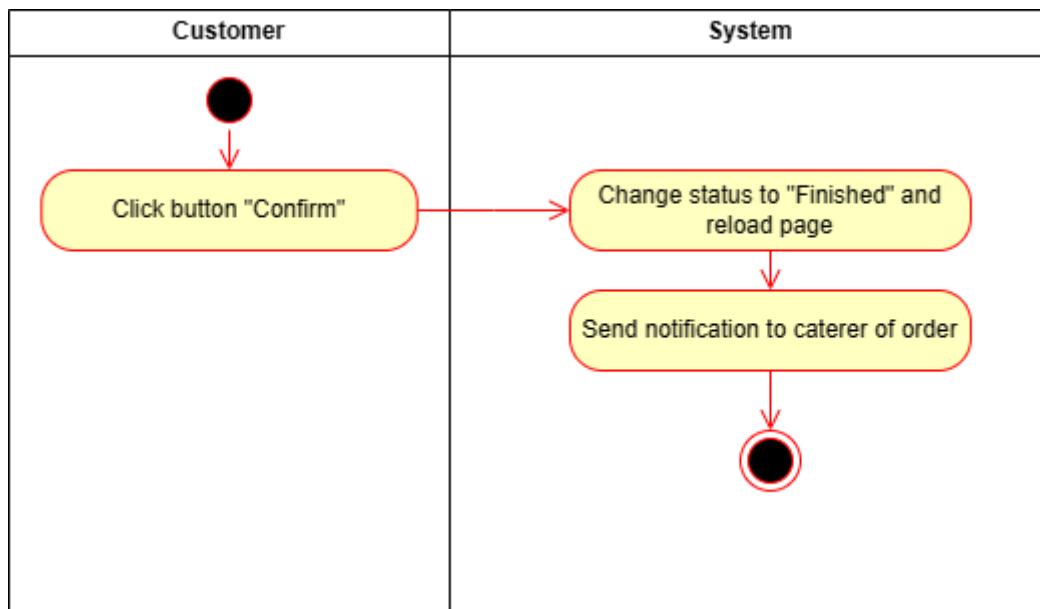
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.41. Confirm order (customer)



Prepared By:

Duy Nguyen

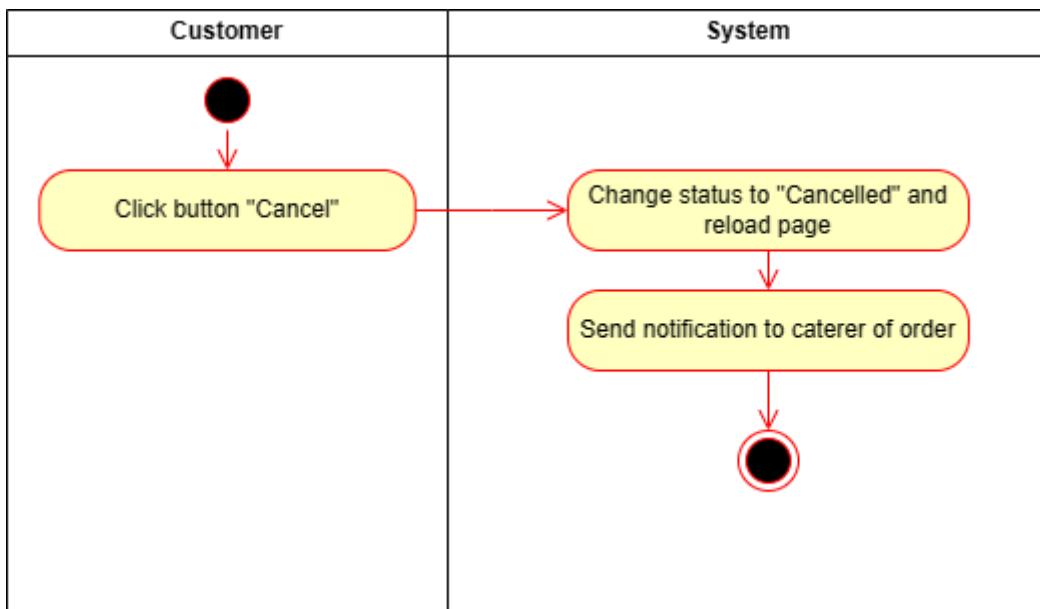
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.42. Cancel order



Prepared By:

Duy Nguyen

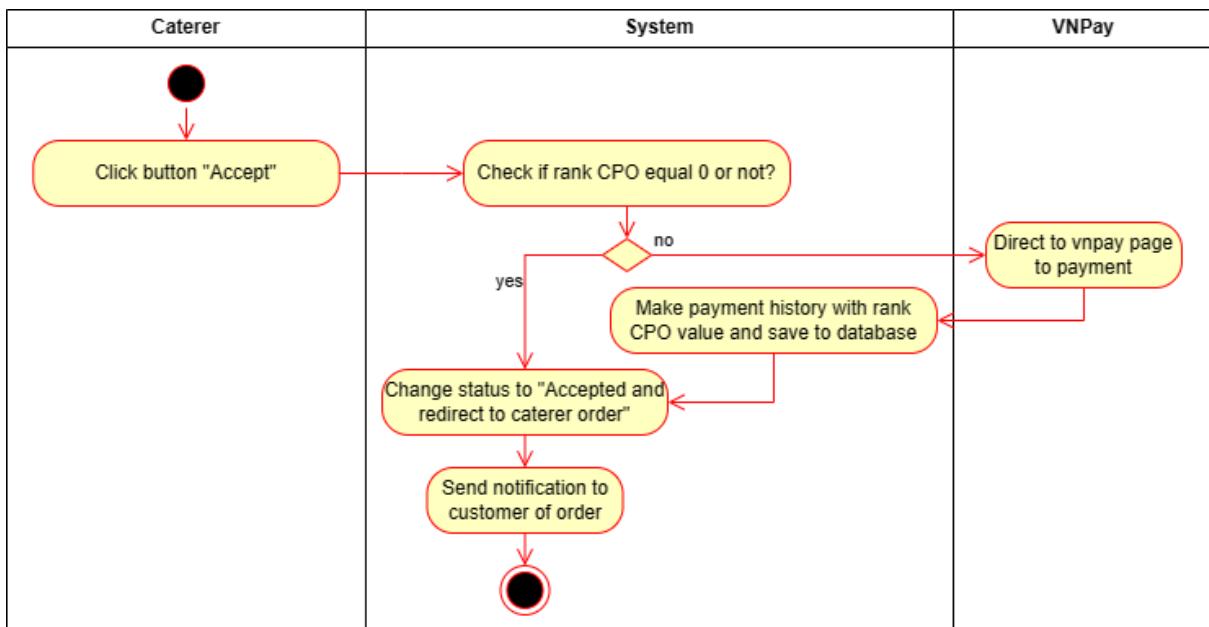
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.43. Accept order



Prepared By:

Duy Nguyen

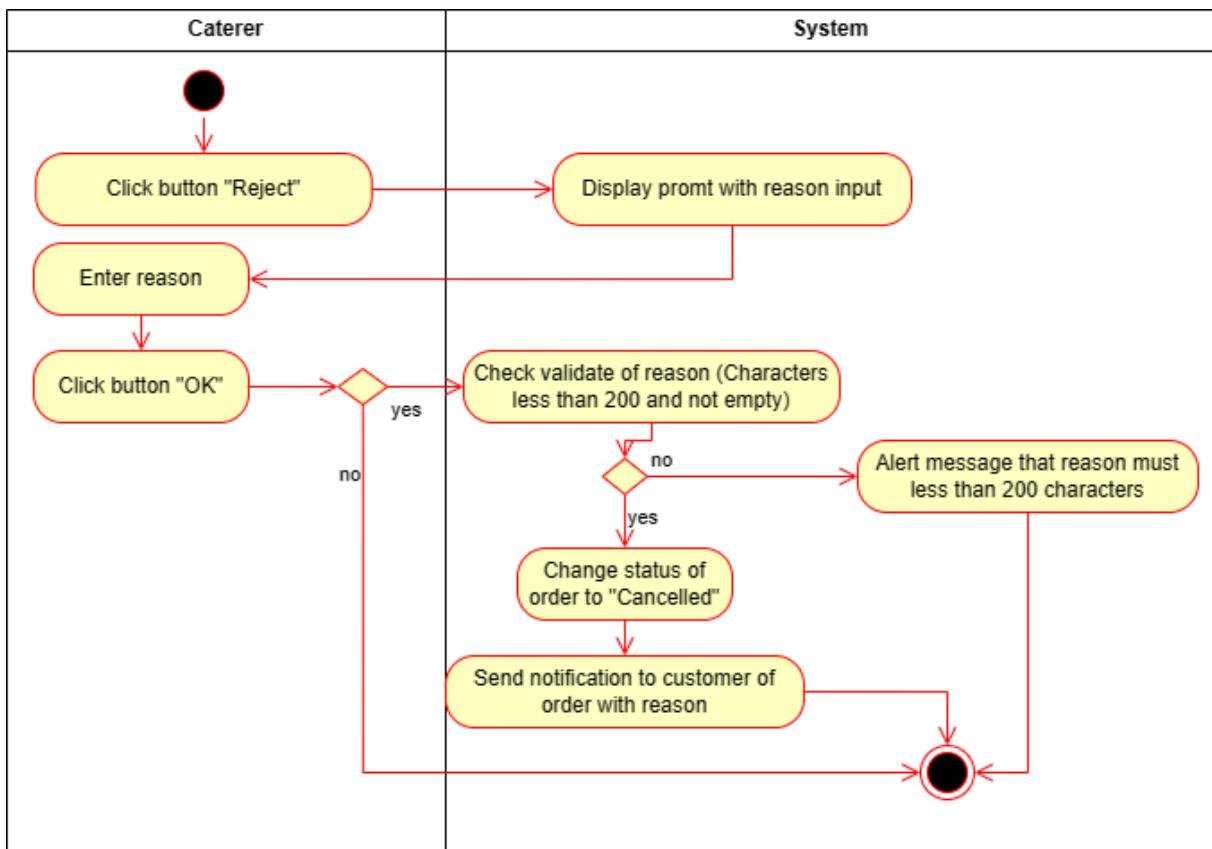
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.44. Reject order



Prepared By:

Duy Nguyen

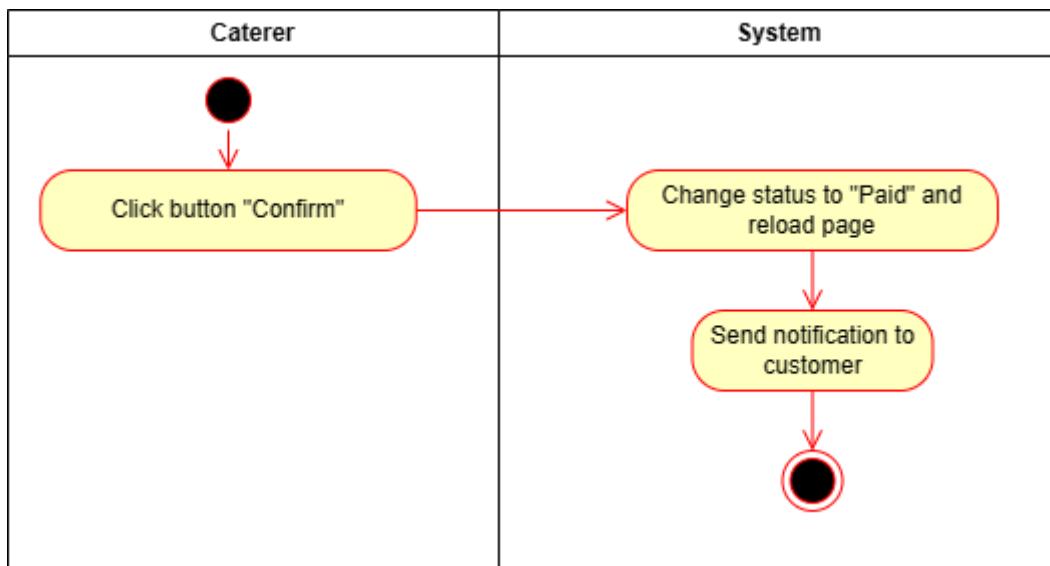
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.45. Confirm order (caterer)



Prepared By:

Duy Nguyen

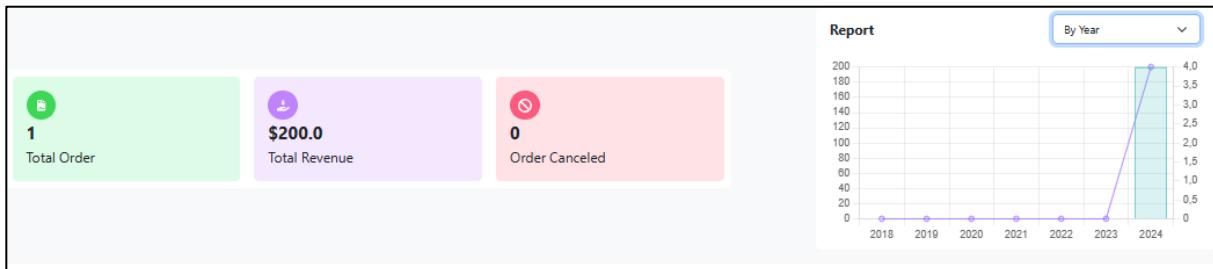
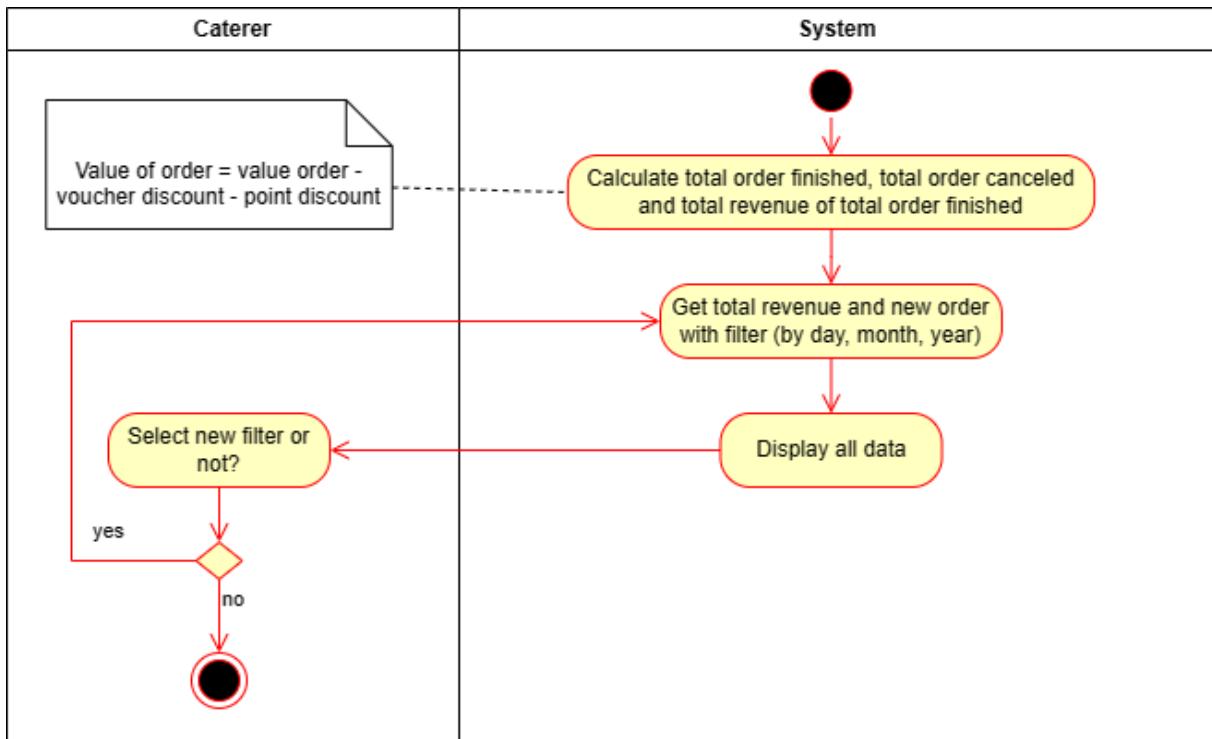
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.46. View order statistical report (caterer)



Prepared By:

Duy Nguyen

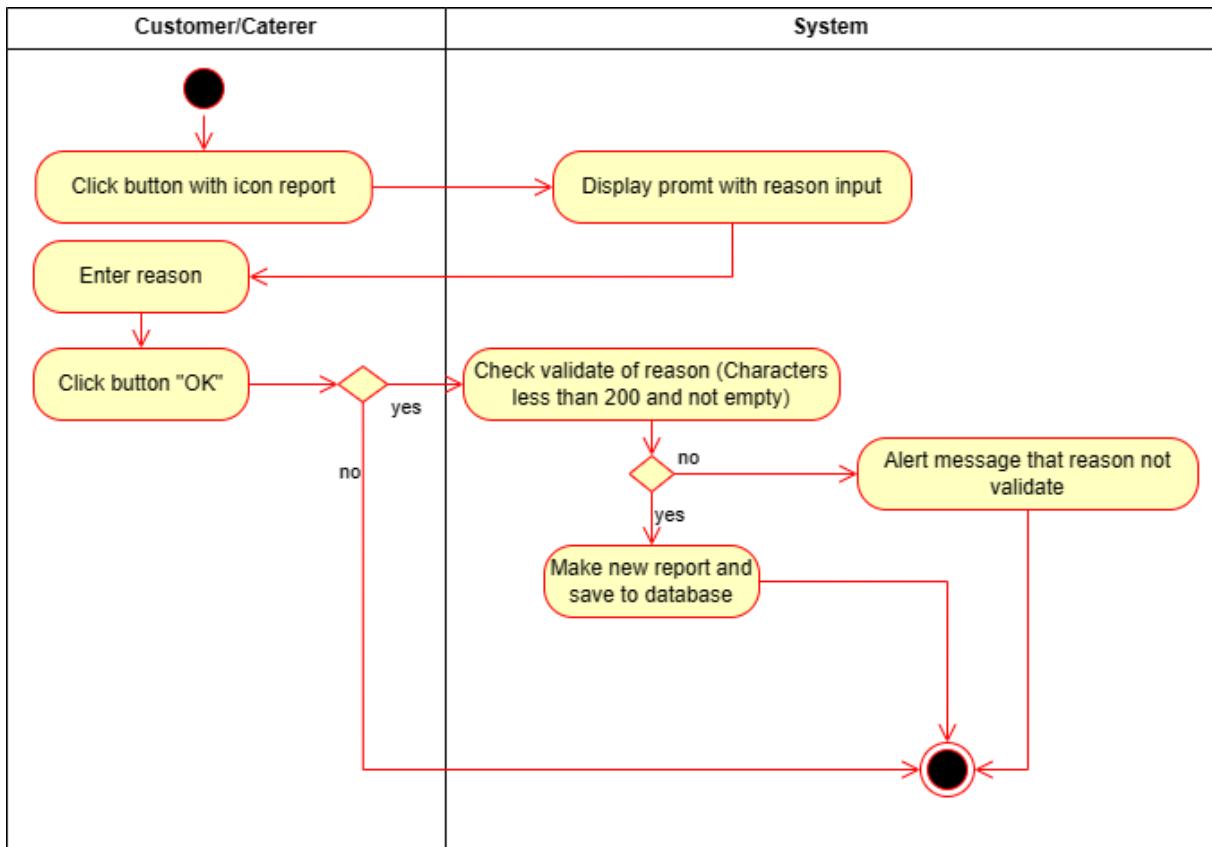
Date:

21/05/2024

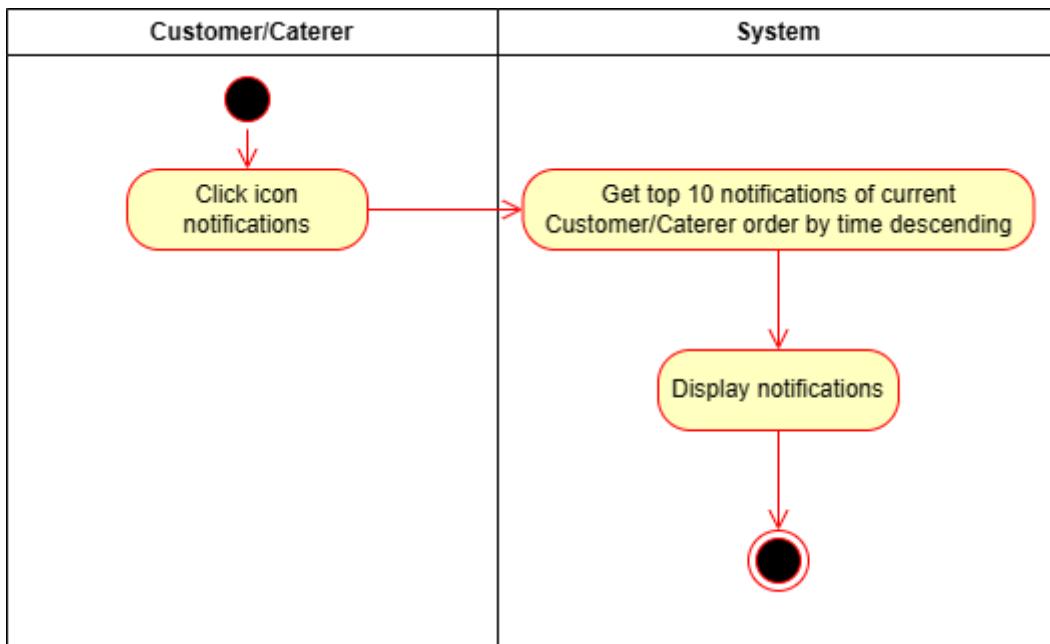
Approved By:

Duc Hung Nguyen

7.2.47. Report other user



7.2.48. View notifications



Prepared By:

Duy Nguyen

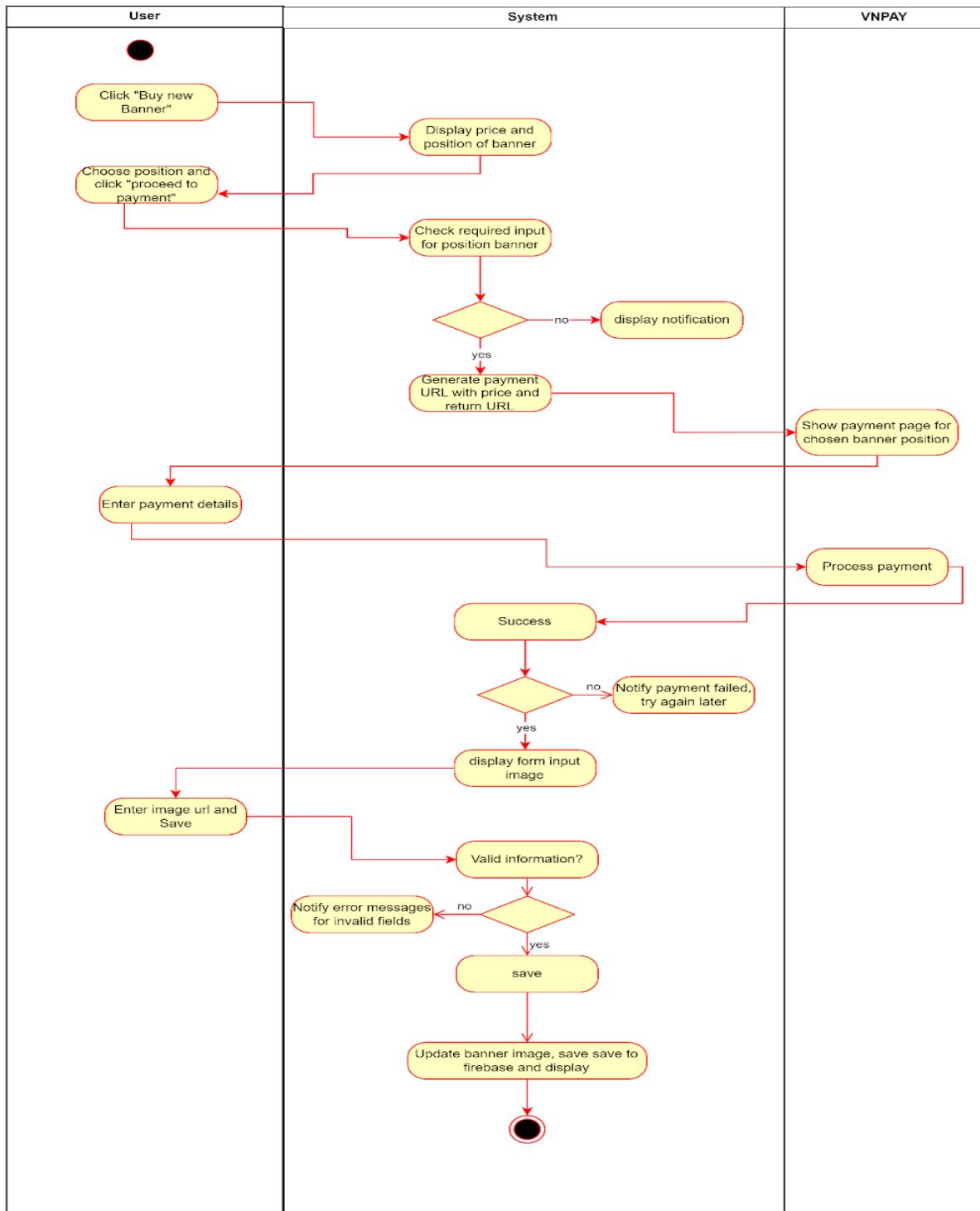
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.49. Add advertise



Choose Banner Type:

Prepared By:

Duy Nguyen

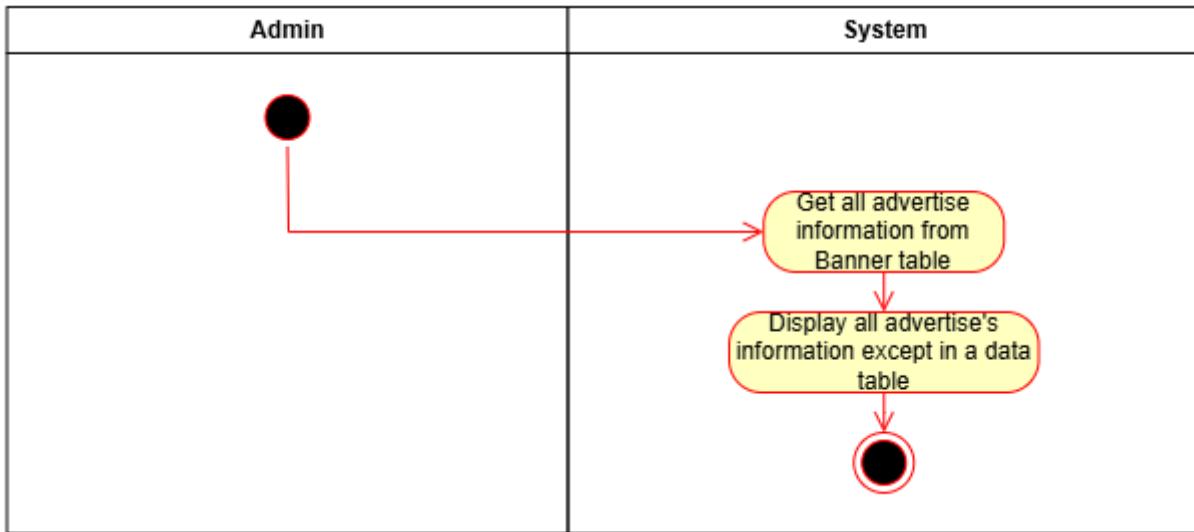
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.50. View advertise



BannerID						Image	Start Date	End Date	Action
1			01-05-2024	16-05-2024		Edit	Delete		
6			01-05-2024	16-05-2024		Edit	Delete		

Showing 1 to 2 of 2 entries

Prepared By:

Duy Nguyen

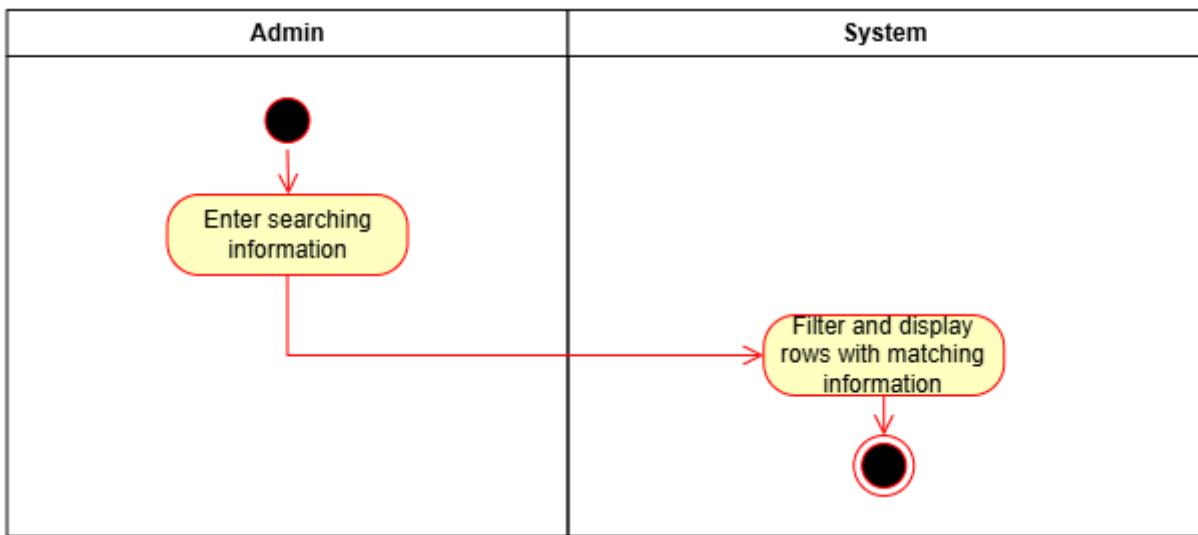
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.51. Find advertise



Prepared By:

Duy Nguyen

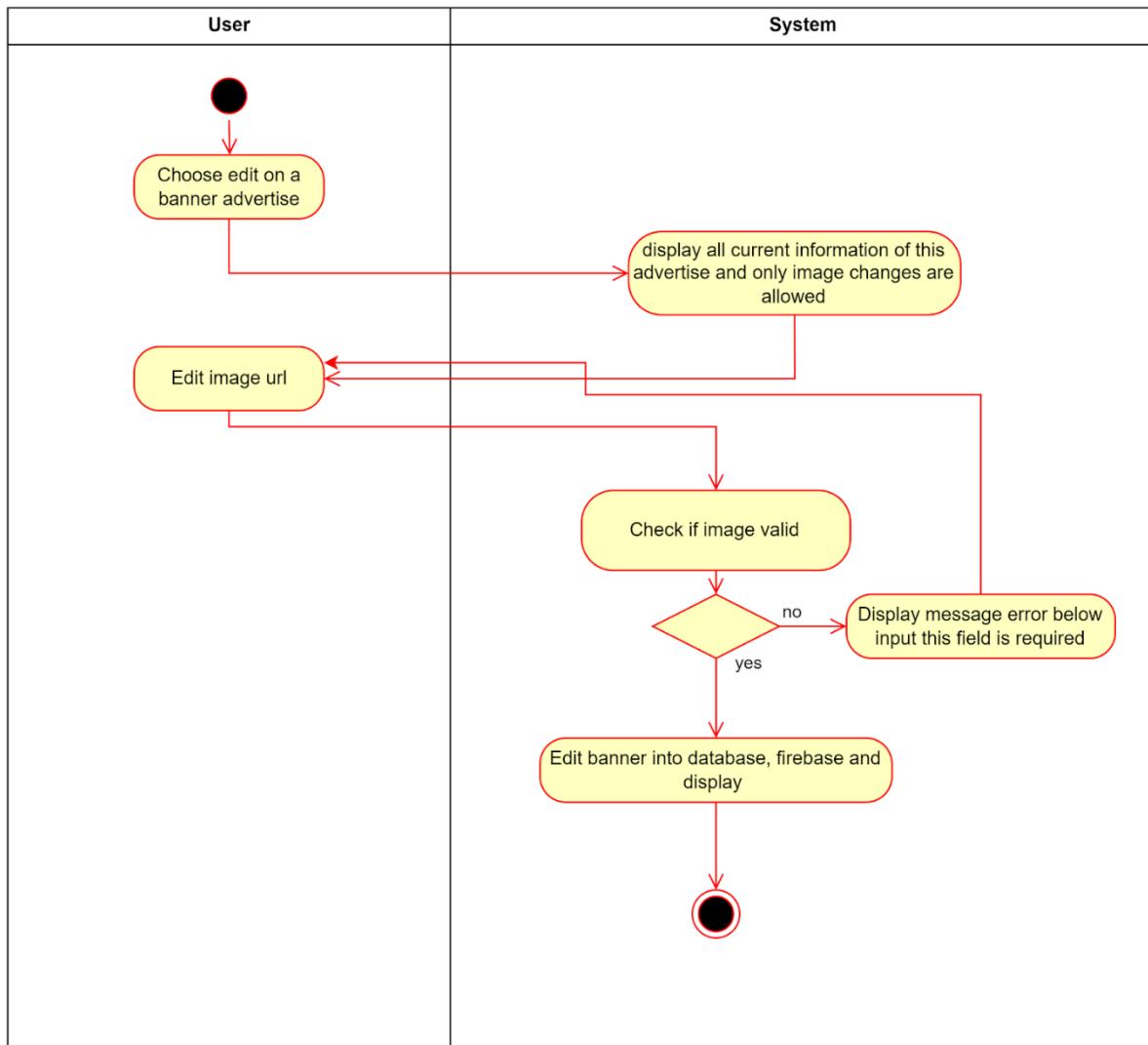
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.52. Edit advertise



Prepared By:

Duy Nguyen

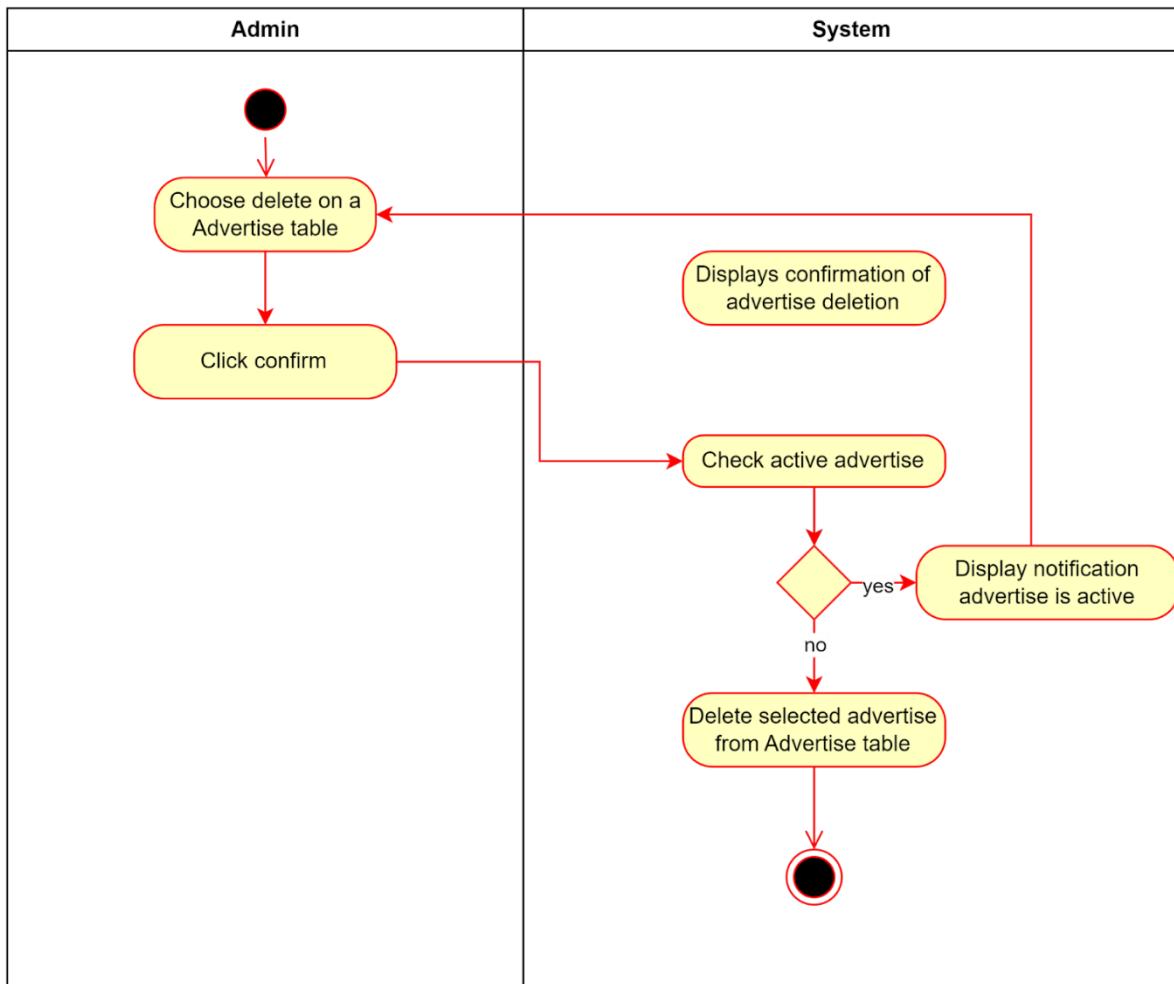
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.53. Delete advertise



Prepared By:

Duy Nguyen

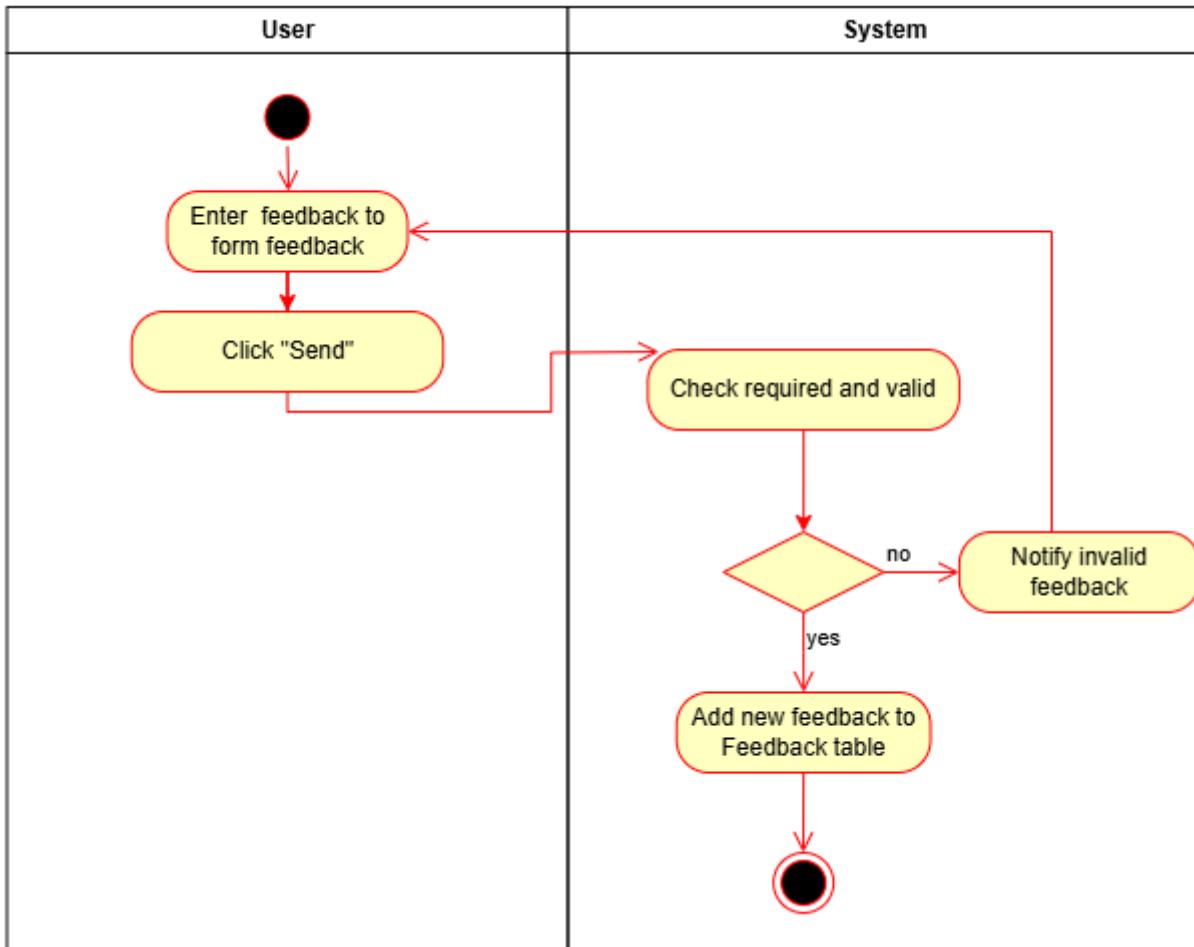
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.54. Send feedback



Your Feedback

Prepared By:

Duy Nguyen

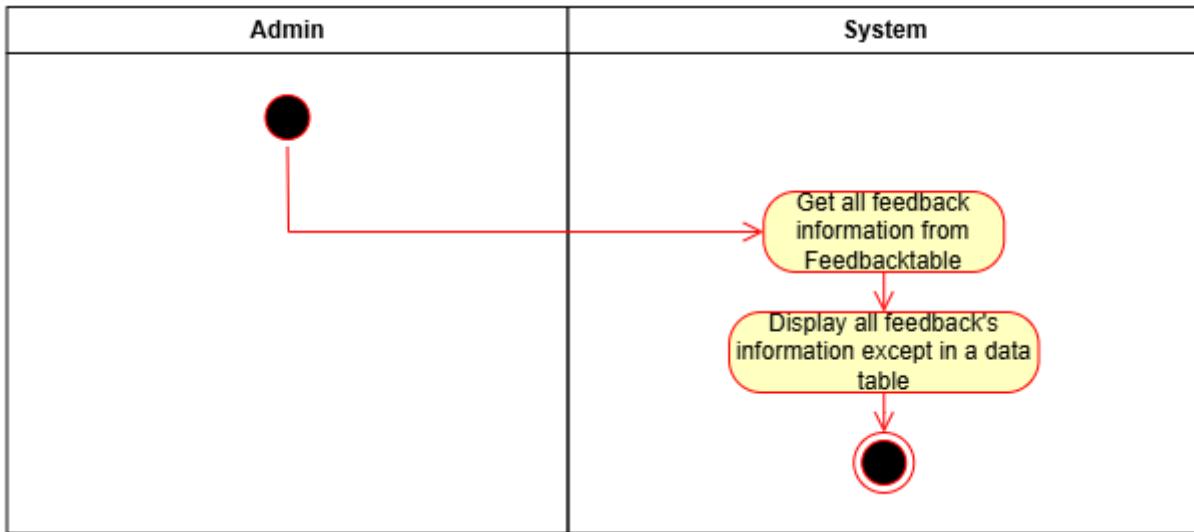
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.55. View feedback



Feedback Details			
Feedback ID	Email	Feedback Details	Feedback Date
1	caterer1@gmail.com	The website is easy to navigate and the products are well-organized.	2024-05-17
2	customer1@gmail.com	I love the variety of products and the fast shipping.	2024-05-16
3	customer2@gmail.com	The customer service is excellent and they were very helpful with my order.	2024-05-15
4	customer5@gmail.com	The prices are competitive and the quality of the products is great.	2024-05-14
5	caterer3@gmail.com	I would highly recommend this website to anyone looking for high-quality products and excellent service.	2024-05-13

Showing 1 to 5 of 5 entries

Prepared By:

Duy Nguyen

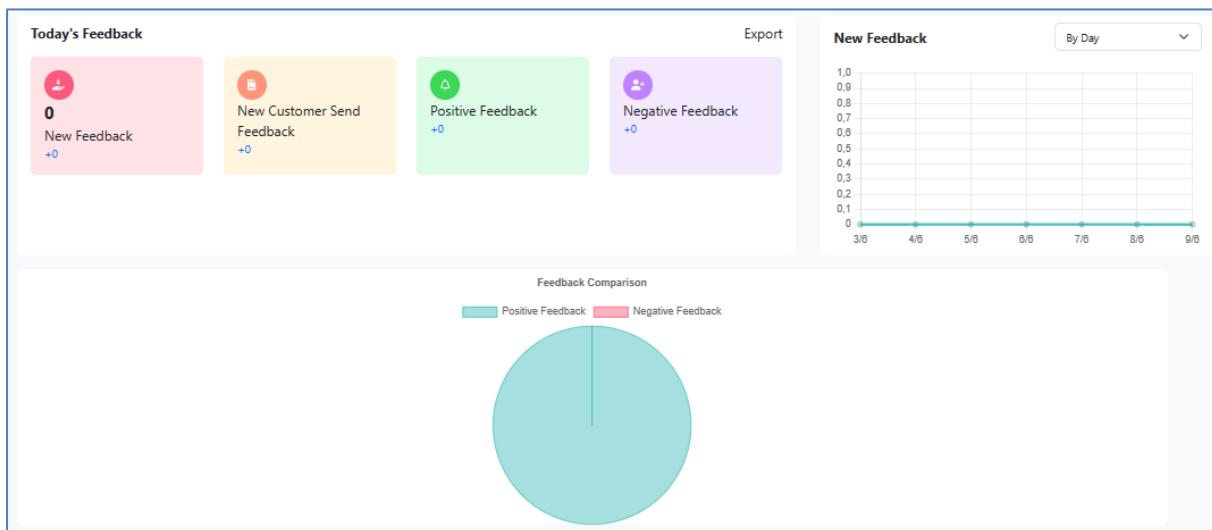
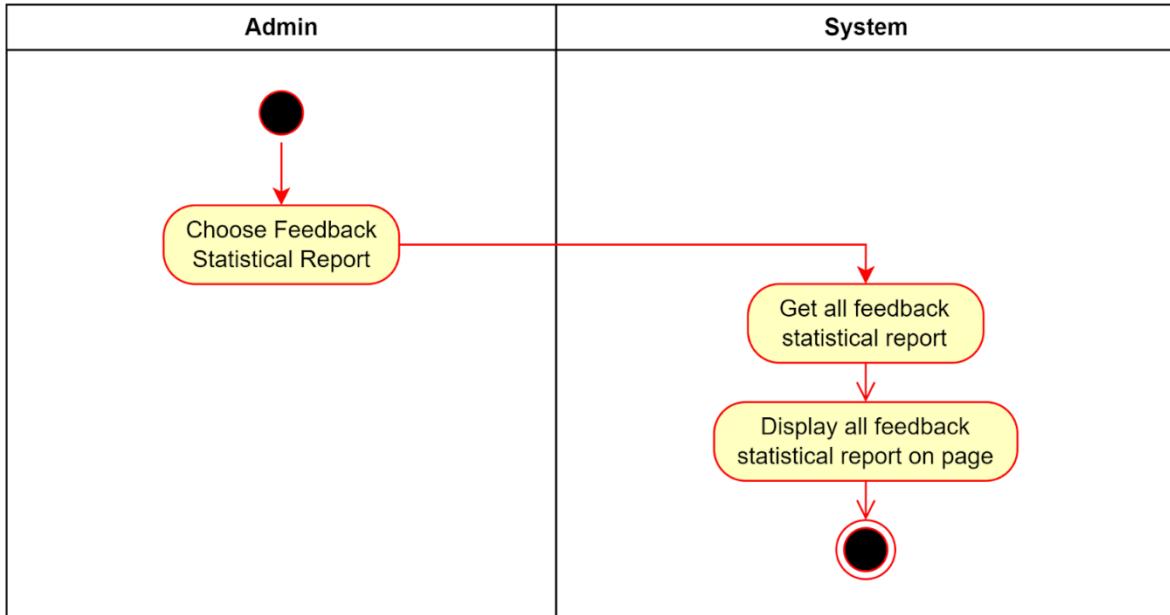
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.56. View feedback statistical report



Prepared By:

Duy Nguyen

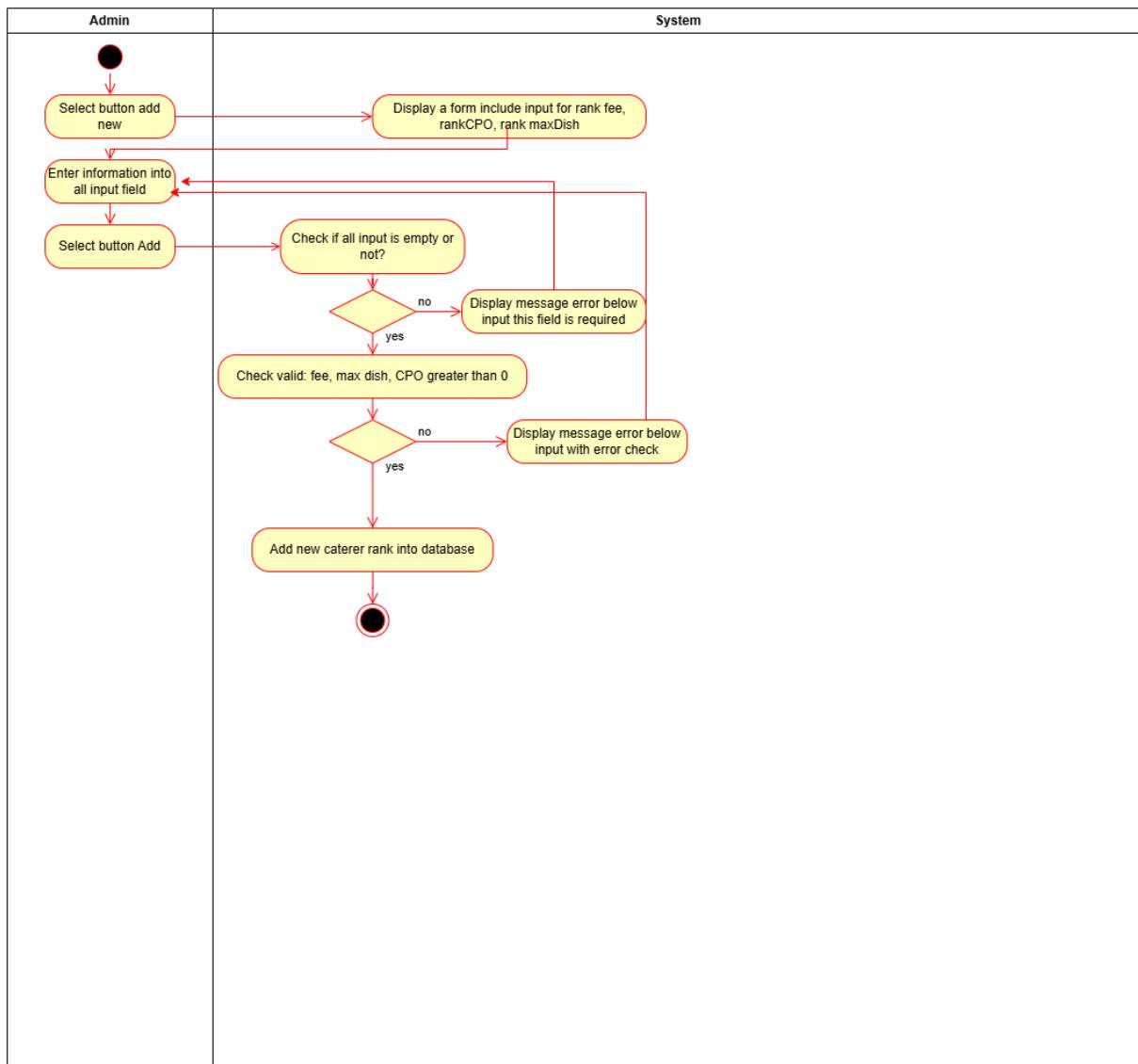
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.57. Add new caterer rank



Add Caterer Rank

Rank Fee	<input type="text"/>
Rank CPO	<input type="text"/>
Rank Max Dish	<input type="text"/>
<input type="button" value="Save"/>	<input type="button" value="Cancel"/>

Prepared By:

Duy Nguyen

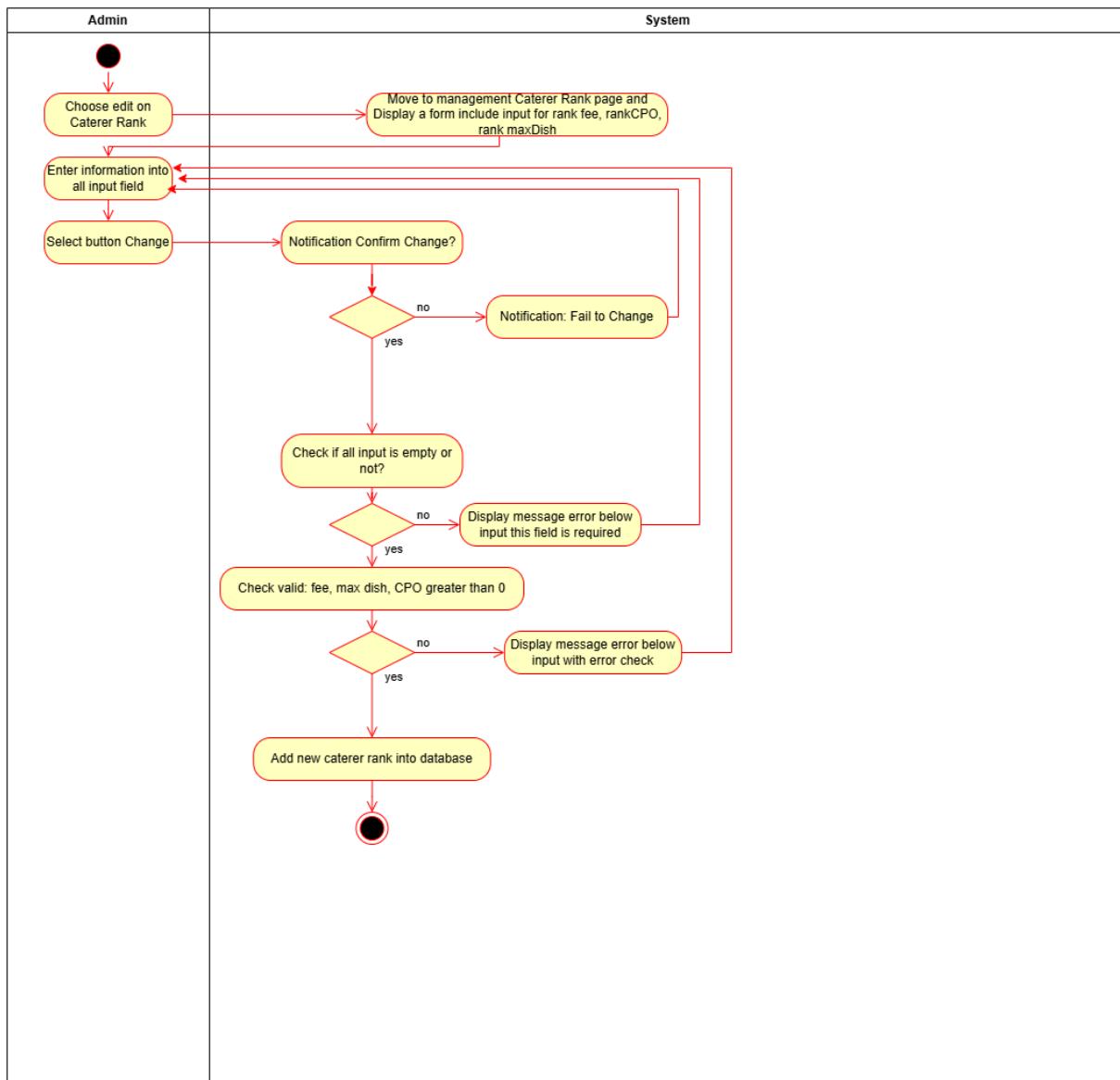
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.58. Edit caterer rank

**Edit Caterer Rank**

Rank Fee

15.0

Rank CPO

2.0

Rank Max Dish

30

Prepared By:

Duy Nguyen

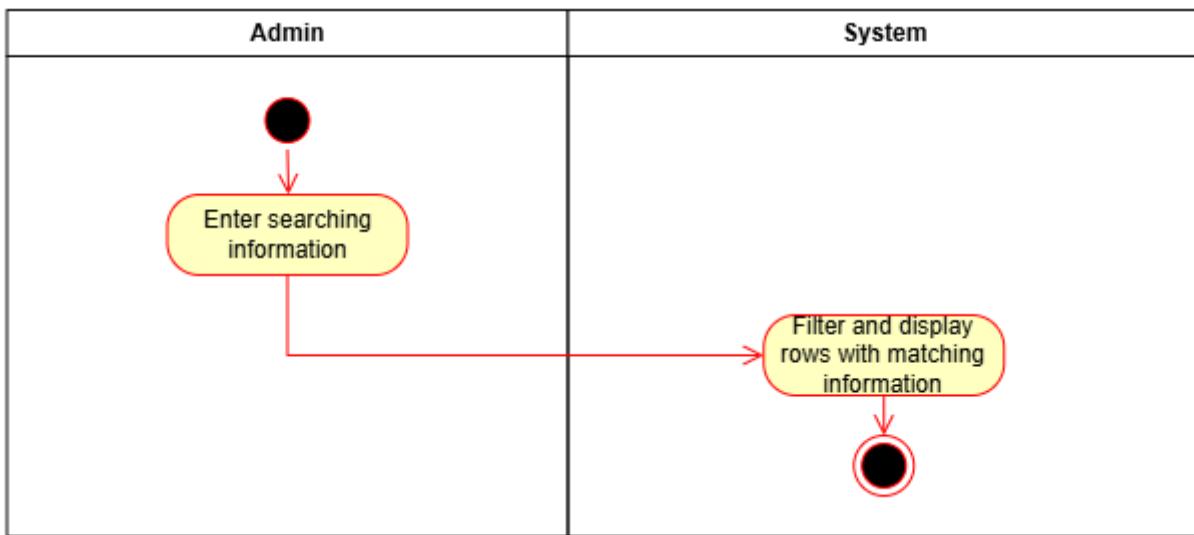
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.59. Find caterer rank



Prepared By:

Duy Nguyen

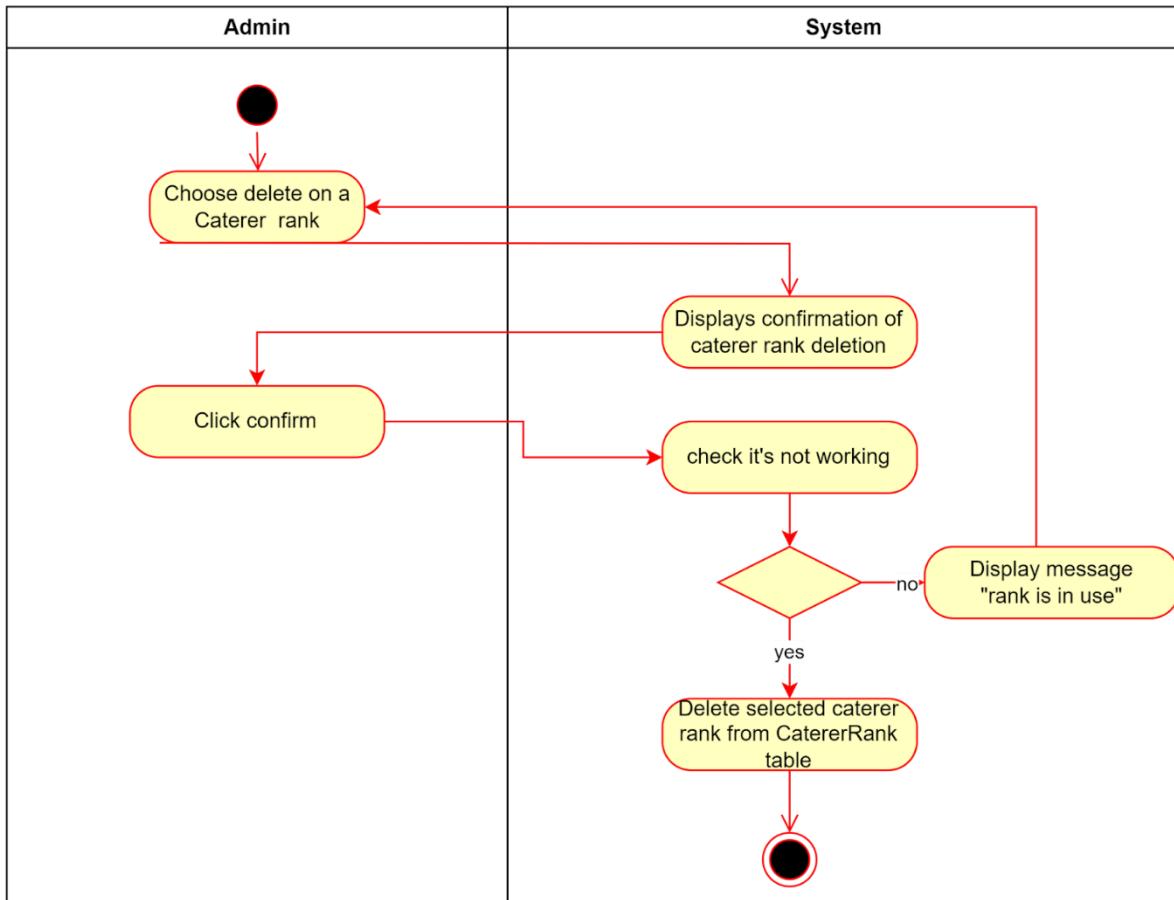
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.60. Delete caterer rank



Prepared By:

Duy Nguyen

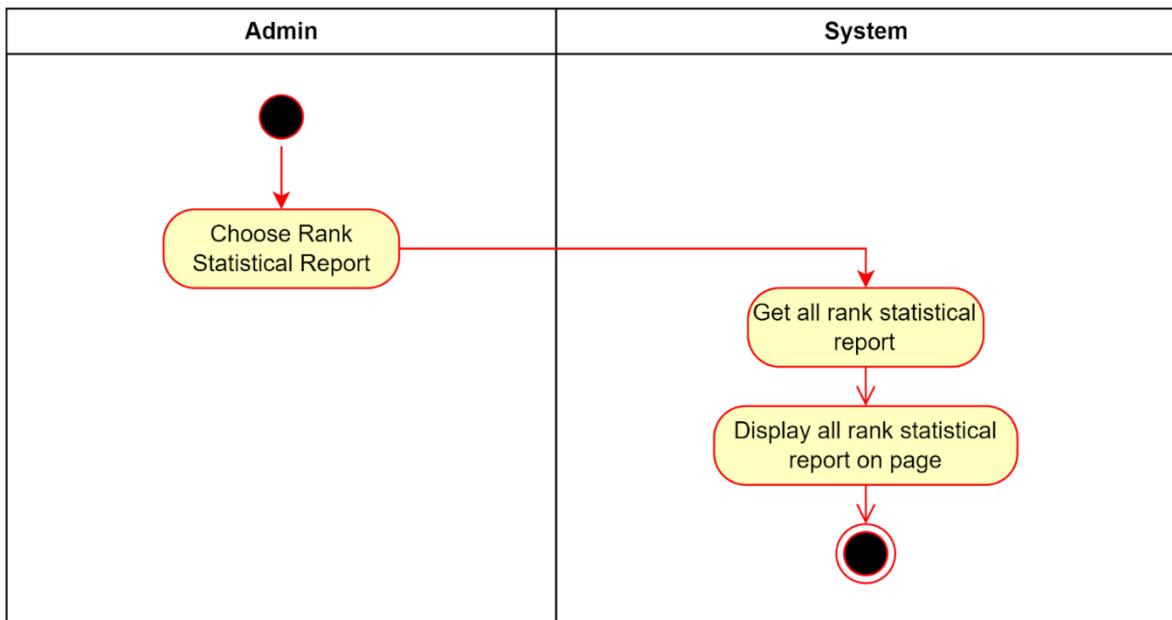
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.61. View rank statistical report



Prepared By:

Duy Nguyen

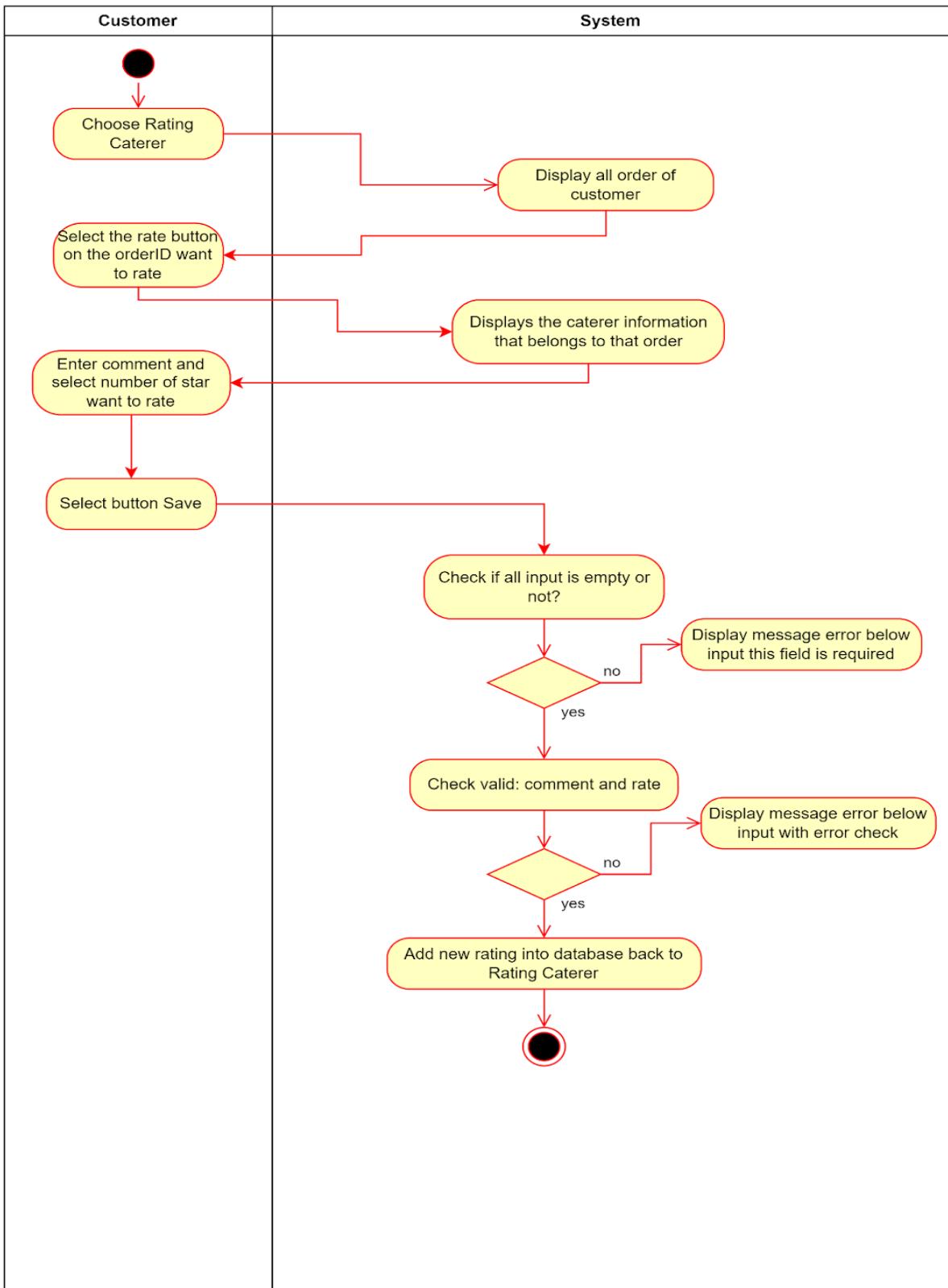
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.62. Rating caterer



Prepared By:

Duy Nguyen

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

Rating Form

Order ID:

9

Caterer Email:

caterer5@gmail.com

Caterer Full Name:

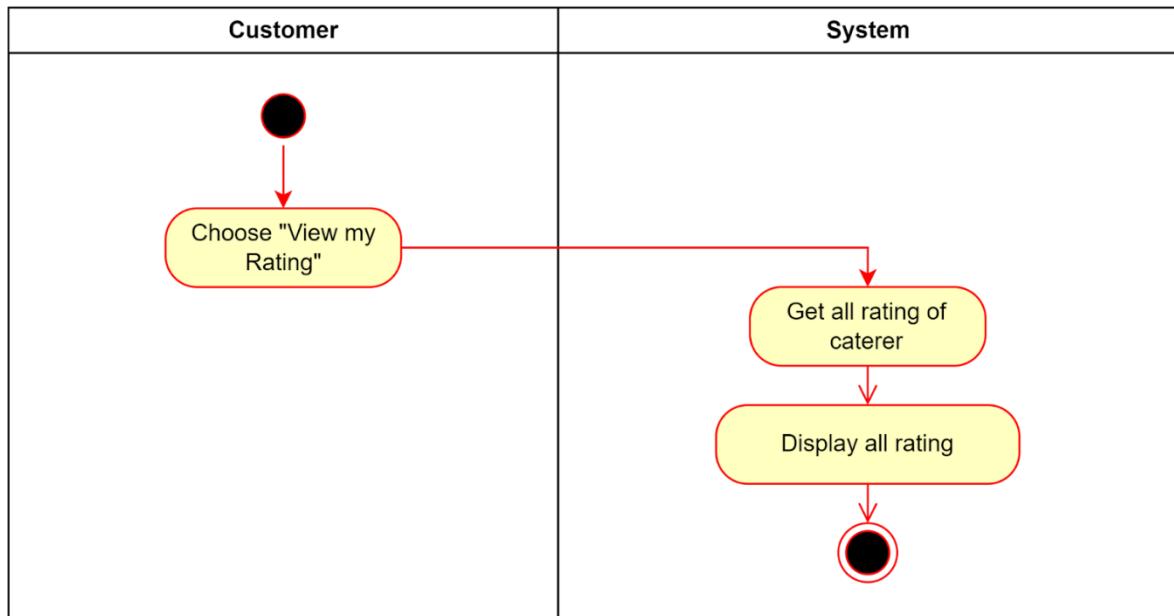
Royal

Comments:

Please choose from 1 to 5 stars to complete the rating

[Submit Rating](#)[Cancel](#)

7.2.63. View rating



All Ratings

[Back to Index](#)

Order ID	Rate	Comment
8	4.5	Excellent food and service!
3	3.0	232

Prepared By:

Duy Nguyen

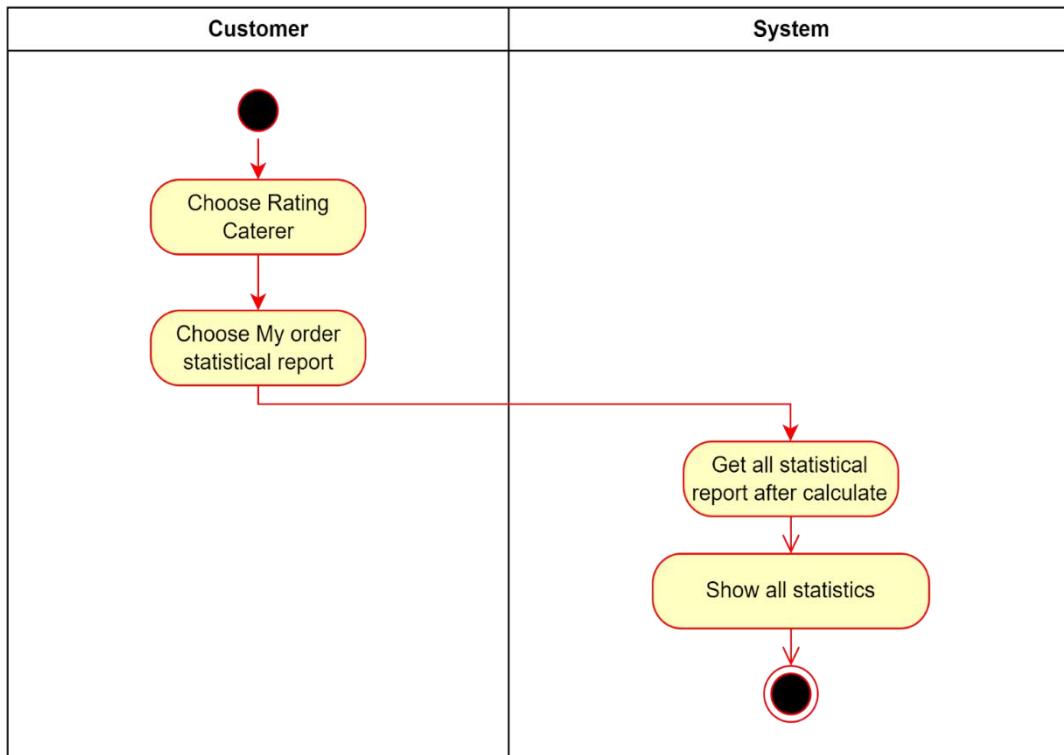
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.64. View order history statistical report

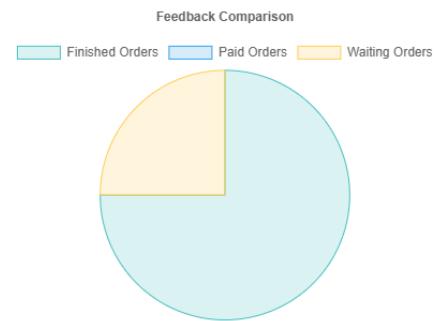
**Order Status Count**

Total amount paid in the current year: \$680.0

Finished Orders: 3

Paid Orders: 0

Waiting Orders: 1



Prepared By:

Duy Nguyen

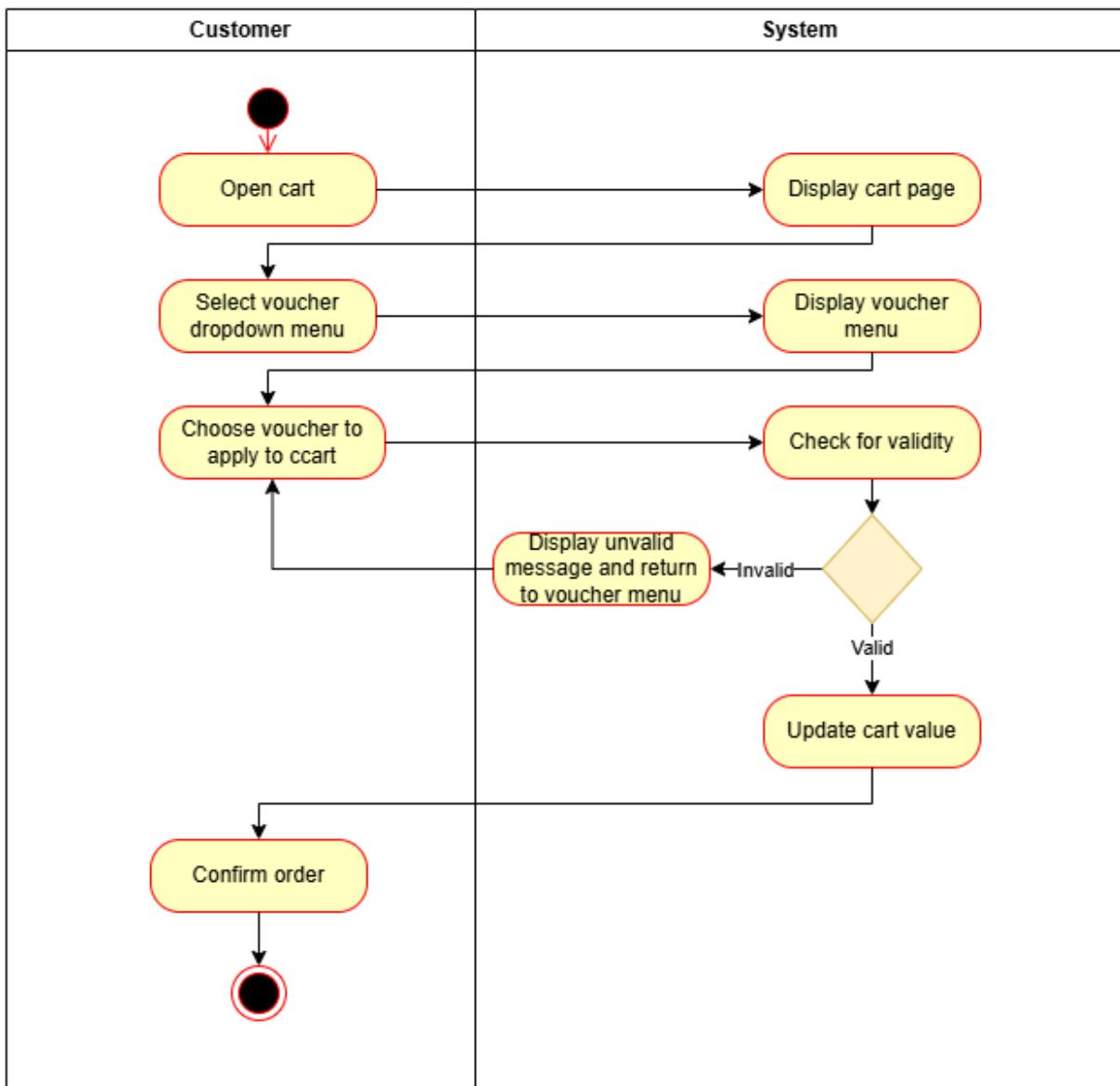
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.65. Use voucher



Prepared By:

Duy Nguyen

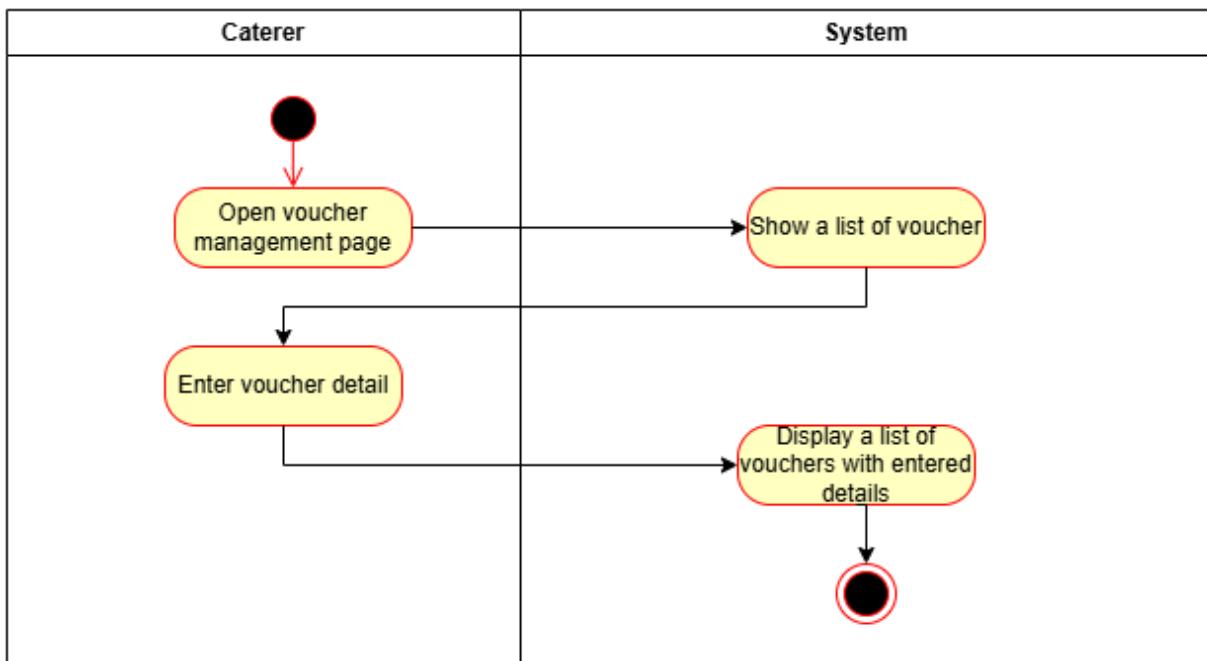
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.66. Manage voucher



Prepared By:

Duy Nguyen

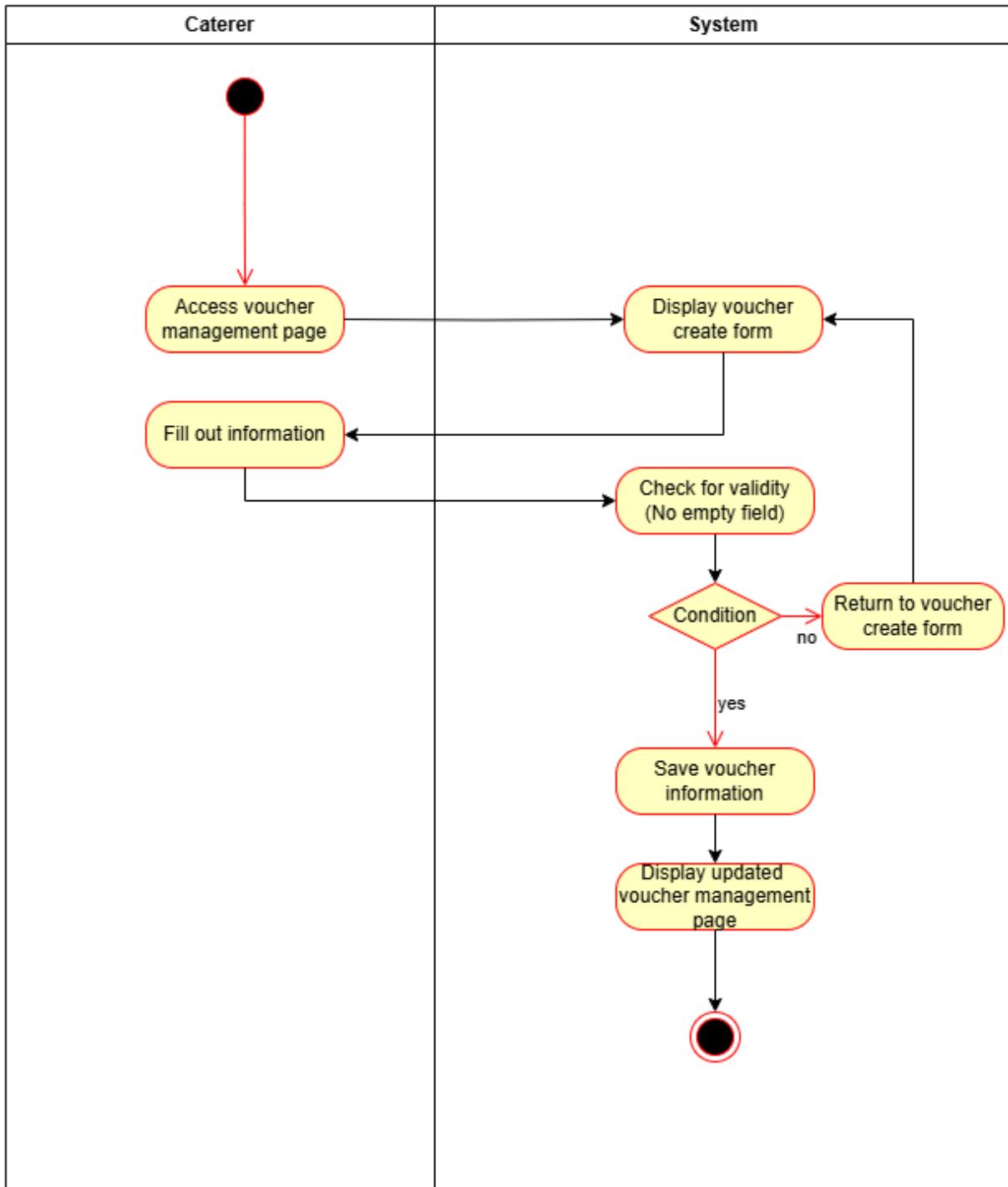
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.67. Create voucher



Prepared By:

Duy Nguyen

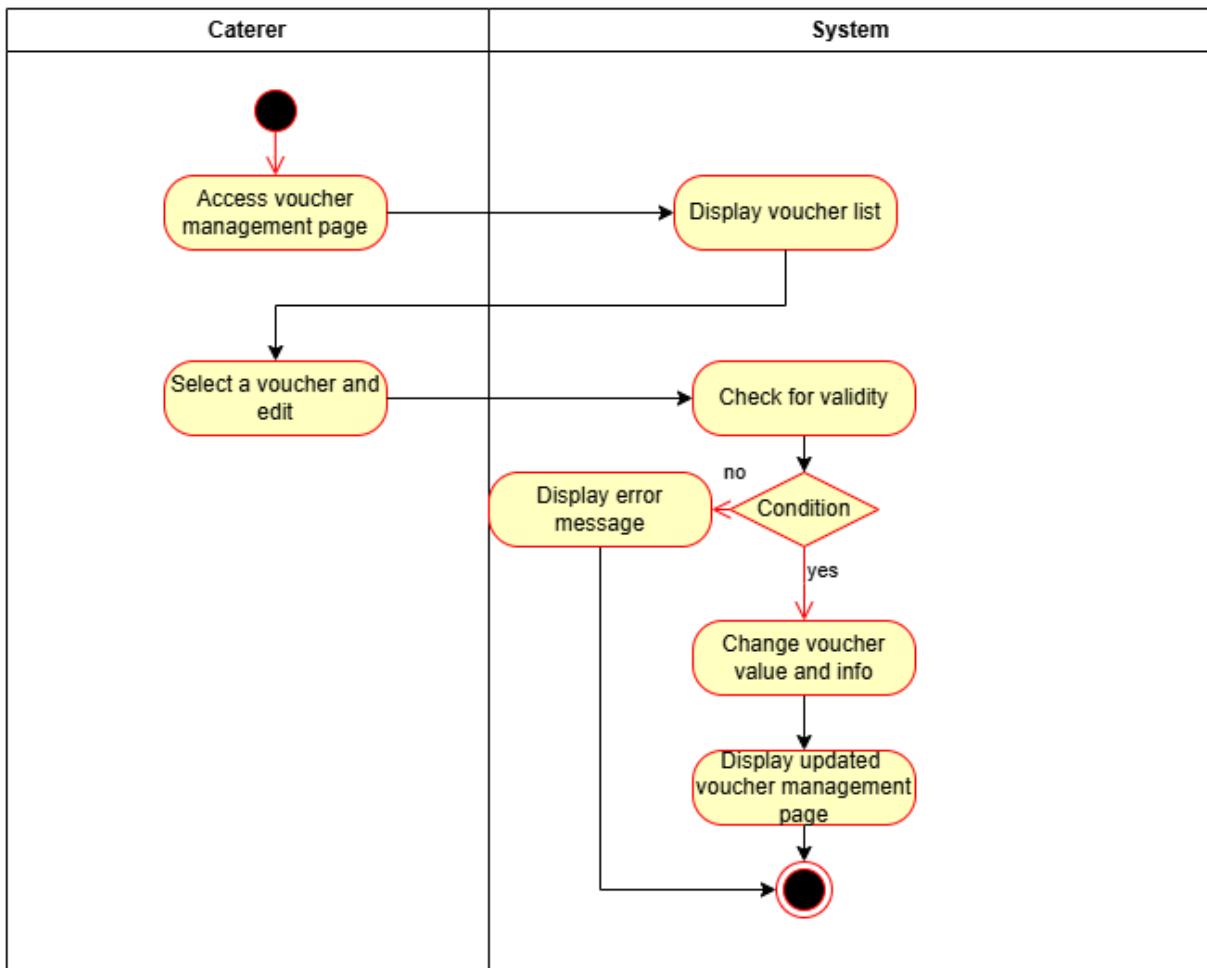
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.68. Edit voucher



Prepared By:

Duy Nguyen

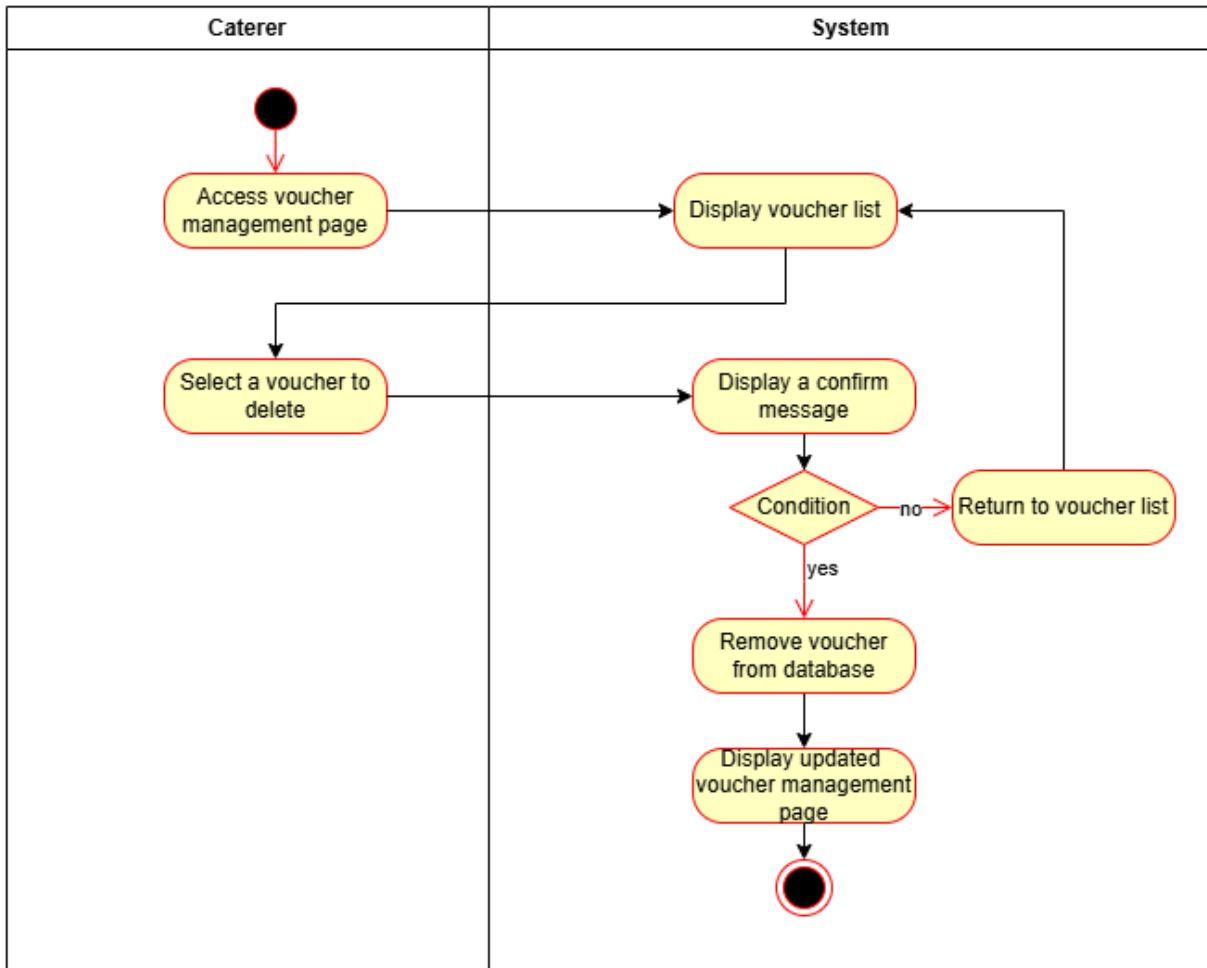
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.69. Delete voucher



Prepared By:

Duy Nguyen

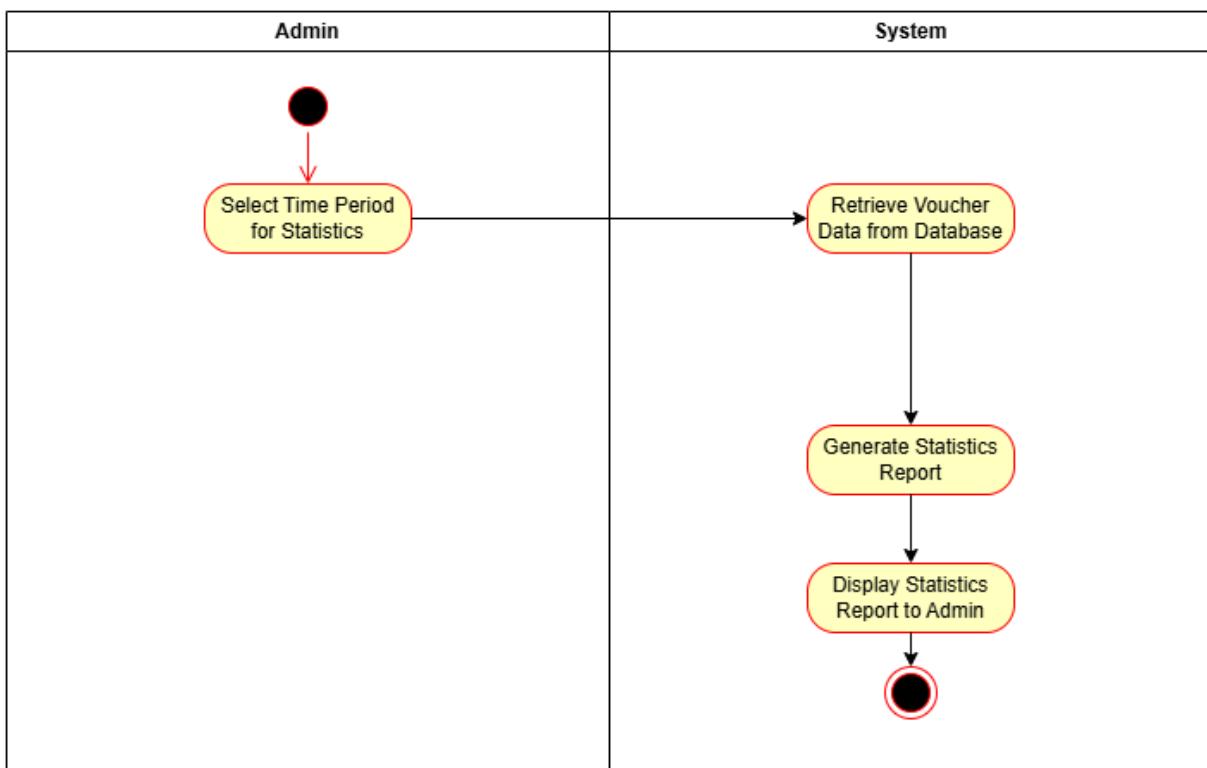
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.70. Voucher statistical report



Prepared By:

Duy Nguyen

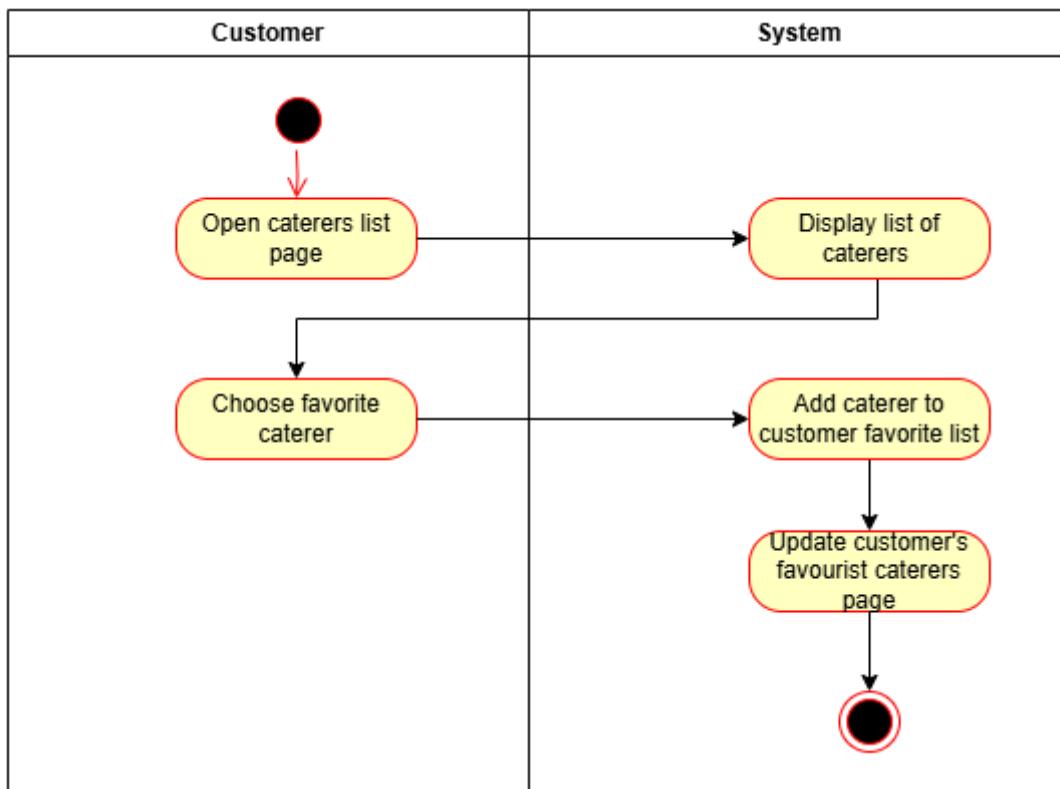
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.71. Add favorite caterer



Prepared By:

Duy Nguyen

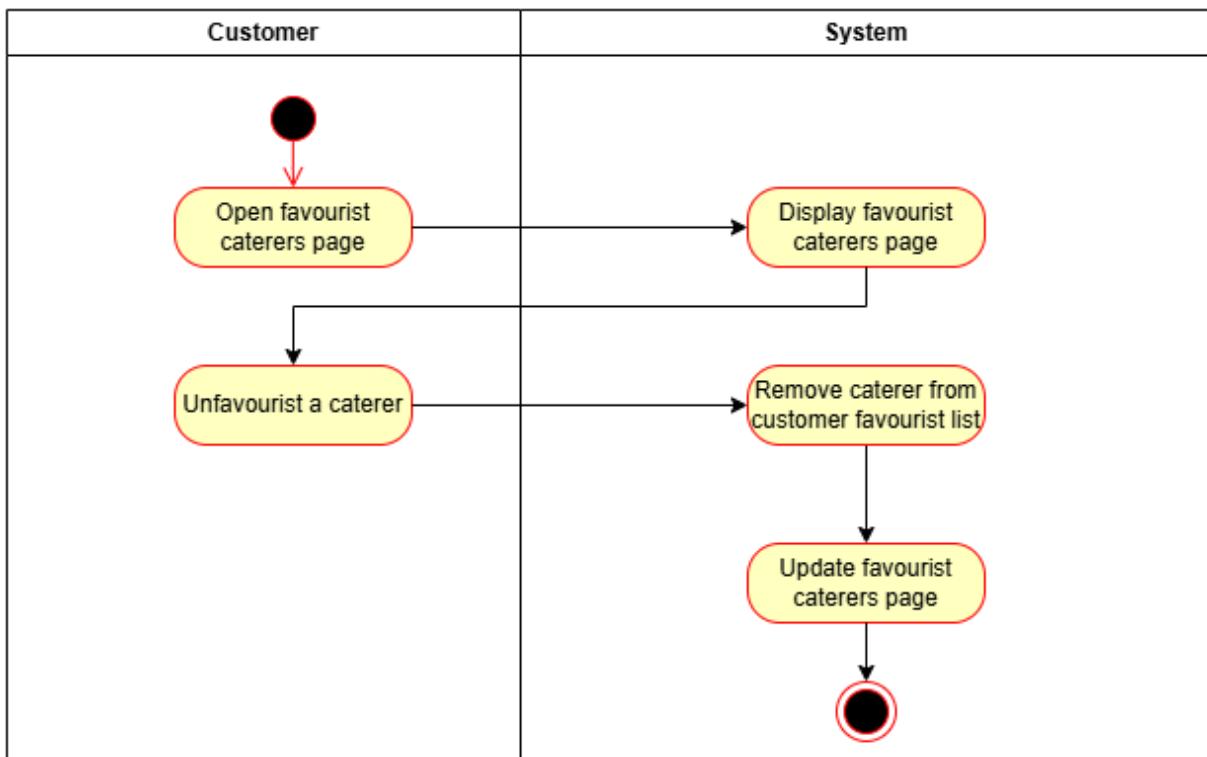
Date:

21/05/2024

Approved By:

Duc Hung Nguyen

7.2.72. Manage favorite caterer



Prepared By:

Duy Nguyen

Date:

21/05/2024

Approved By:

Duc Hung Nguyen

CODING STANDARDS DOCUMENT

I. Programming Standards

One of the fundamental aspects of maintaining a consistent and readable codebase is adhering to well-defined naming conventions. Properly chosen names for variables, functions, and classes can significantly enhance code clarity and promote effective collaboration among developers. In this project, we follow the below naming conventions:

1. Classes:

- Use PascalCase for class names
- Begin class names with an uppercase letter (e.g., CustomerOrder, FileManager)
- Opt for meaningful and intuitive class names that accurately represent the entity or concept they model

2. Modules and Packages:

- Use lowercase letters for module and package names
- Separate words with underscores (e.g., utils, data_processing)
- Aim for concise yet meaningful names that reflect the module's purpose

3. Avoid Abbreviations and Acronyms:

- While brevity is important, avoid excessive use of abbreviations or acronyms
- Prioritize clarity over brevity to ensure future developers can understand the codebase without ambiguity

4. Comments and Documentation:

- Complement the chosen names with clear and concise comments to explain complex logic or intentions behind certain code sections

II. Standards for code writing style

- Use consistent indentation with either 4 spaces or tabs
- Keep each line of code within 80-100 characters
- Utilize comments to explain important, complex, or design-related parts of the code
- Maintain one statement per line
- Place opening braces at the end of the declaration line, not on a new line

III. Standards for declaring Variables

Form No. 8: Coding Standards Document

- Use camelCase for variable names
- Begin variable names with a lowercase letter (e.g., itemCount, calculateTotal)
- Choose descriptive names that convey the purpose or content of the variable
- Avoid using single-letter variable names unless they represent loop counters
- For constants, use uppercase letters with underscores (e.g., MAX_ITEMS, DEFAULT_TIMEOUT)

IV. Standards for Function Declarations

- Use camelCase for functions names
- Begin variable names with a lowercase letter (e.g., run, getName())
- Choose descriptive names that convey the purpose or content of the function
- Specify data types for each parameter

V. Other Standards

In addition to the existing programming standards, the following conventions should be adhered to when working with Spring Boot and Thymeleaf projects:

Package and file organization:

1. Repository classes:

- Purpose: Interface for database operations
- Naming Convention: Use PascalCase, ending with Repository (e.g., UserRepository, OrderRepository)
- Package: Place in the repository package

2. Service classes:

- Purpose: Business logic layer
- Naming Convention: Use PascalCase, ending with Service (e.g., UserService, OrderService)
- Package: Place in the service package

3. Controller classes:

- Purpose: Handle HTTP requests and responses
- Naming Convention: Use PascalCase, ending with Controller (e.g., UserController, OrderController)
- Package: Place in the controller package

4. Model classes:

- Purpose: Represent data structures and database tables
- Naming Convention: Use PascalCase (e.g., User, Order)

- Package: Place in the model package

5. Configuration classes:

- Purpose: Configuration settings for the application
- Naming Convention: Use PascalCase, ending with Config or Configuration (e.g., AppConfig, WebSecurityConfig)
- Package: Place in the config package

6. Filter classes:

- Purpose: Intercept HTTP requests for processing (e.g., logging, authentication)
- Naming Convention: Use PascalCase, ending with Filter (e.g., AuthenticationFilter, LoggingFilter)
- Package: Place in the filter package

Thymeleaf templates:

1. Template files:

- Purpose: HTML templates for the view layer
- Naming Convention: Use lowercase letters without spaces or underscores for multi-word names (e.g., userprofile.html, orderdetails.html)
- Directory Structure: Place in the templates directory, organized by feature (e.g., templates/User, templates/Order)

2. Static resources

- Purpose: CSS, JavaScript, images
- Directory Structure: Place in the static directory, further organized into css, js, images (e.g., static/css, static/js, static/images)

TASK SHEET

1. Project Title: Plate Portal

No.	Task	Actual Start Date	Actual Days	Teammate Name	Status
1	Form 1	07/05/2024	4	Duc Hung Nguyen	Done
2	Form 2A	07/05/2024	4	Duy Nguyen	Done
3	Form 2B	07/05/2024	4	Hoang Trieu Vo	Done
4	Form 3	07/05/2024	4	Phuc Loc Nguyen	Done
5	Form 4	07/05/2024	4	Phuc Loc Nguyen	Done
6	Form 5	14/05/2024	7	Hoang Trieu Vo	Done
7	Form 6	07/05/2024	7	Duc Hung Nguyen	Done
8	Form 7	14/05/2024	7	Duy Nguyen	Done
9	Form 8	21/05/2024	7	Duy Nguyen	Done
10	Form 9	06/06/2024	1	Hoang Trieu Vo	Done
11	Form 10	04/06/2024	2	Duc Hung Nguyen	Done
12	Form 11	10/06/2024	1	Phuc Loc Nguyen	Done
13	Form 12	01/06/2024	5	Hoang Trieu Vo	Done
14	Database	21/05/2024	3	Duc Hung Nguyen	Done
15	Log in, Log out, retrieve password	24/05/2024	5	Hung Nguyen Duc	Done
16	Manage self's profile, delivery address	24/05/2024	5	Hung Nguyen Duc	Done
17	Register account	29/05/2024	3	Duc Hung Nguyen	Done
18	Manage self's profile, delivery address	29/05/2024	3	Hung Nguyen Duc	Done
19	Report other account	01/06/2024	2	Duy Nguyen	Done
20	Manage caterer's rank	24/05/2024	5	Phuc Loc Nguyen	Done
21	Play minigame	29/05/2024	3	Duy Nguyen	Done
22	Access admin dashboard	29/05/2024	3	Duy Nguyen	Done
23	Rate caterer, show history order statistical report	24/05/2024	5	Phuc Loc Nguyen	Done
24	Manage booking order	24/05/2024	5	Duy Nguyen	Done
25	Send notifications	24/05/2024	5	Duy Nguyen	Done
26	Manage caterer	29/05/2024	3	Duc Hung Nguyen	Done

Prepared By:
Hoang Trieu VoDate:
07/06/2024Approved By:
Duc Hung Nguyen

Form No. 9: Task Sheet

27	Manage favorite caterer list	24/05/2024		Hoang Trieu Vo	Incomplete
28	Manage customer	29/05/2024	3	Duc Hung Nguyen	Done
29	Manage order	24/05/2024	5	Duy Nguyen	Done
30	Manage feedbacks	29/05/2024	5	Phuc Loc Nguyen	Done
31	Manage voucher	24/05/2024		Hoang Trieu Vo	Incomplete
32	Manage advertise	29/05/2024	5	Phuc Loc Nguyen	Done
33	Statistics of invoices by voucher period	24/05/2024		Hoang Trieu Vo	Incomplete
34	Manage caterer's dishes	29/05/2024	3	Duy Nguyen	Done
35	Send feedback	29/05/2024	5	Phuc Loc Nguyen	Done
36	View notifications	24/05/2024	5	Duy Nguyen	Done
37	User manual	08/06/2024	2	Duc Hung Nguyen	Done
38	Installation guide	08/06/2024	2	Duc Hung Nguyen	Done

Prepared By:
Hoang Trieu Vo

Date:
07/06/2024

Approved By:
Duc Hung Nguyen

TESTING DOCUMENT

ID	Test Case Name	Task	Result	
			Expected	Actual Result
1	Log in	Enter login details: <ul style="list-style-type: none">• Email: plateportal@gmail.com• Password: plateportaladmin	Log in and show admin page	Pass
		Enter login details: <ul style="list-style-type: none">• Email: caterer2@gmail.com• Password: caterer2	Notify this account has been suspended	Pass
2	Log out	Press logout	Show main page	Pass
3	Retrieve password	Enter details: <ul style="list-style-type: none">• Email: plateportal@gmail.com• Verification code: Code from email• New password: plateportal• Confirm password: plateportal	Change password, notify password has been changed successfully and show login page	Pass
		Enter details: <ul style="list-style-type: none">• Email: abc1234@hotmail.com	Notify this email has not been registered	Pass
4	Sign up	Choose customer: Enter details: <ul style="list-style-type: none">• Email: ndhung99@gmail.com• Password: ndhung99• Full name: Nguyen Hung• Phone: 0123456789• Gender: Male• Birthday: empty• Address: 123 Lo, La Can Tho• Ninh Kieu• Verification code: Code from email	Add new Customer to the database, log in and show main page	Pass
		Choose caterer: Enter details: <ul style="list-style-type: none">• Email: hung123@gmail.com• Password: 123hungnd• Full Name: Hung• Phone: 9876543210	Add new Caterer and payment history to the database, log in and show main page	Pass

Form No. 10: Testing Document

		<ul style="list-style-type: none"> • Gender: Female • Birthday: 21/03/2002 • Address: 21 Baba • Hai Phong • Hong Bang • Payment information: NB 987654321 • Description: Test caterer • Verification code: Code form email <p>Choose rank \$30 Conduct payment</p>		
5	View customer information	<p>Log in as an Admin Choose Customer</p>	Show manage customer page with a data table of customers' information	Pass
6	Find customer	<p>Log in as an Admin Choose Customer Enter searching keyword: active</p>	Filter the table and show active customers	Pass
7	Edit customer information	<p>Log in as an Admin Choose Customer Choose edit on customer4@gmail.com Enter details:</p> <ul style="list-style-type: none"> • New profile image: an image • Full name: Duong Vo • Point: 120 • Roll chance: 10 • Phone: 569873150 • Gender: Male • Address: 23 Hong Bang, Vo Thi Sau • Cai Rang, Can Tho • Birthday: 13/12/2004 • Active: Suspended 	Update the customer information in the database, upload new image to the storage and delete the old one, show manage customer page	Pass
8	Suspend customer	<p>Log in as an Admin Choose Customer Choose suspend on customer1@gmail.com</p>	Update the customer's active status in the database and reload the page	Pass
9	Unsuspend customer	<p>Log in as an Admin Choose Customer Choose unsuspend on customer2@gmail.com</p>	Update the customer's active status in the database and reload the page	Pass
10	See customer statistical report	<p>Log in as an Admin Choose Customer Choose statistical reports</p>	Show customer statistical report page	Pass

Form No. 10: Testing Document

11	Handle customer reports	Log in as an Admin Choose Customer Choose handle reports Choose suspend on report ID 3	Suspend the reported customer and update the status of the report in the database, reload the page	Pass
		Log in as an Admin Choose Customer Choose handle reports Choose skip on report ID 6	Update the report's status in the database and reload the page	Pass
12	View caterer information	Log in as an Admin Choose Caterer	Show manage caterer page with a data table of caterers' information	Pass
13	Find caterer	Log in as an Admin Choose Caterer Enter searching keyword: caterer2	Filter the table and show information of caterer2@gmail.com	Pass
14	Edit caterer information	Log in as an Admin Choose Caterer Choose edit on caterer3@gmail.com Enter details: <ul style="list-style-type: none">• New profile image: an image• Rank ID: 1• Rank ending date: 15/06/2024• Full name: Nguyen• Phone: 569873150• Gender: Female• Address: 265 Vo Di Duong Kinh, Hai Phong• Birthday: 13/12/2004• Point: 35• Description: Edited• Active: Suspended	Update the caterer information in the database, upload new image to the storage and delete the old one, show manage customer page	Pass
15	Suspend caterer	Log in as an Admin Choose Caterer Choose suspend on caterer4@gmail.com	Update the caterer's active status in the database and reload the page	Pass
16	Unsuspend caterer	Log in as an Admin Choose Caterer Choose unsuspend on caterer2@gmail.com	Update the caterer's active status in the database and reload the page	Pass
17	See caterer statistical report	Log in as an Admin Choose Caterer Choose statistical reports	Show caterer statistical report page	Pass
18	Handle caterer reports	Log in as an Admin Choose Caterer Choose handle reports	Suspend the reported caterer and update the	

Prepared By:
Duc Hung Nguyen

Date:
06/06/2024

Approved By:
Duc Hung Nguyen

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		Choose suspend on report ID 7	status of the report in the database, reload the page	
		Log in as an Admin Choose Caterer Choose handle reports Choose skip on report ID 4	Update the report's status in the database and reload the page	Pass
19	Add delivery address	Log in as a Customer Choose manage delivery address Choose add new delivery address Enter details: <ul style="list-style-type: none">• Address: 123• District: Ninh Kieu, Can Tho	Add new delivery address for the customer to the database and show view delivery address information page	Pass
		Log in as a Customer Choose manage delivery address Choose add new delivery address Enter details: <ul style="list-style-type: none">• Address: Empty• District: Ninh Kieu, Can Tho District: Ninh Kieu, Can Tho	Notify please enter address	Pass
20	View delivery address information	Log in as a Customer Choose manage delivery address	Show view delivery address page with the customer's delivery addresses information	Pass
21	Find delivery address information	Log in as a Customer Choose manage delivery address Enter searching keyword: Ninh Kieu	Filter the table and show information of addresses containing keyword	Pass
22	Edit delivery address information	Log in as a Customer Choose manage delivery address Choose edit on an address Enter details: <ul style="list-style-type: none">• Address: Test add• Binh Thuy, Can Tho	Update the selected delivery address's information in the database and show view delivery address information page	Pass
23	Delete delivery address	Log in as a Customer Choose manage delivery address Choose delete on an address	Delete the selected address from the database and reload the page	Pass
24	View profile	Log in as a Caterer or Customer Choose my profile	Show the user's profile page	Pass
25	Edit profile	Log in as a Customer Choose my profile	Update the Customer information in the	Pass

Form No. 10: Testing Document

		<p>Enter details:</p> <ul style="list-style-type: none"> • Full name: Edited name • New profile image: An image • Phone: 0123456789 • Address: 123 Zo • O Mon, Can Tho • Birthday: 01/02/2010 	database, upload the new image to the storage and delete the old one, reload the page	
		<p>Log in as a Caterer Choose my profile Enter details:</p> <ul style="list-style-type: none"> • Full name: Edited name • New profile image: An image • Payment information: BB 456489123 • Description: Edited • Phone: 565161813 • Gender: Female • Address: Edit add • O Mon, Can Tho • Birthday: 02/03/2004 	Update the Caterer information in the database, upload the new image to the storage and delete the old one, reload the page	Pass
26	Change password	<p>Log in as a Customer or Caterer Choose change password Enter details:</p> <ul style="list-style-type: none"> • Current password: Current password • New password: 12345678 • Confirm new password: 123456789 	Hash the new password then update the user's password in the database, show the user's profile page	Pass
27	Buy or extend rank	<p>Log in as caterer1@gmail.com Choose buy or extend rank Choose rank \$15 Conduct payment</p> <p>Log in as caterer1@gmail.com Choose buy or extend rank Choose rank \$30 Conduct payment</p>	<p>Extend the caterer's rank ending date by 30 days and show in the database and show the caterer's profile page</p> <p>Set the caterer's rank starting date to today and rank ending date to 30 days later in the database, show the caterer's profile page</p>	Pass
28	Report other account	<p>Log in as a Customer or Caterer Open order page Select report icon on an order Enter details:</p> <ul style="list-style-type: none"> • Reason: Scammer 	Add new report to the database, reload the page	Pass

Form No. 10: Testing Document

29	View caterer rank information	Log in as an Admin Choose Caterer rank	Show manage caterer rank page with caterer ranks' information	Pass
30	Add caterer rank	Log in as an Admin Choose Caterer rank Choose add caterer rank Enter details: <ul style="list-style-type: none">• Rank fee: 140• Rank CPO: 3• Rank max dish: 10	Add new caterer rank to the database and show manage caterer rank page	Pass
31	Update caterer rank	Log in as an Admin Choose Caterer rank Choose update on rank ID 1 Enter details: <ul style="list-style-type: none">• Rank fee: 10• Rank CPO: 5• Rank max dish: 6	Update the rank's information in the database and show manage caterer rank page	Pass
32	Delete caterer rank	Log in as an Admin Choose Caterer rank Choose delete on rank ID 1	Notify cannot delete rank	Pass
33	View rank statistical reports	Log in as an Admin Choose Caterer rank Choose statistical reports	Show rank statistical report page	Pass
34	Play minigame	Log in as a Customer Choose minigame Play	Add points got from minigame to the customer	Pass
35	Access admin dashboard	Log in as an Admin	Show admin dashboard page	Pass
36	View rating	Log in as a Caterer Choose my caterer Choose view rating	Show rating page	Pass
37	Rate caterer	Log in as a Customer Choose rating caterer Choose rate on an order Enter details: <ul style="list-style-type: none">• Comments: Nice• 4 stars	Add new caterer rating and update caterer's rating in the database, show order history for rating page	Fail, caterer's rating is not updated
38	View list of caterers	Log in as a Customer Choose caterers	Show list of caterers page	Pass
39	View caterer	Log in as a Customer Choose caterers Choose view on a caterer	Show caterer's dishes page to order	Pass
40	Make order	Log in as a Customer Choose caterers Choose view on a caterer Add some dishes Enter details: <ul style="list-style-type: none">• Order time: 2024-06-09 15:45	Add new order to the database, show view list of caterers page	Pass

Form No. 10: Testing Document

		<ul style="list-style-type: none"> • Use new address • Delivery address: 123 Ha • O Mon, Can Tho • Note: 123 		
41	View order	Log in as a Customer Choose orders	Show customer's orders page	Pass
42	Pay order	Log in as a Customer Choose orders Choose pay on an accepted order Choose OK	Change selected order's state to waiting confirm, notify the caterer and reload the page	Pass
43	Confirm order	Log in as a Customer Choose orders Choose confirm on a paid order	Change selected order's state to finished, add points to the caterer equal to point discount of the order, increase roll chance of the customer by 1, reload the page	Pass
44	Cancel order	Log in as a Customer Choose orders Choose cancel on an order	Change selected order's state to cancelled, add points to the customer equal to point discount of the order, notify the caterer, reload the page	Pass
45	View order	Log in as a Caterer Choose my caterer	Show caterer's orders page	Pass
46	Accept order	Log in as a Caterer Choose my caterer Choose accept on a waiting order Conduct payment if rank the caterer's CPO is greater than 0	Change selected order's state to accepted, add new payment history if the rank CPO is greater than 0, notify the customer, reload the page	Pass
47	Reject order	Log in as a Caterer Choose my caterer Choose reject on a waiting order Enter details: • Reason: Cannot accept	Change selected order's state to cancelled, add points to the customer equal to point discount of the order, notify the customer, reload the page	Pass
48	Confirm order	Log in as a Caterer Choose my caterer Choose confirm on a waiting order	Change selected order's state to paid, notify the customer, reload the page	Pass
49	View statistical reports caterer order	Log in as a Caterer Choose my caterer	Show caterer's orders page	Pass

Form No. 10: Testing Document

50	View feedbacks	Log in as an Admin Choose Feedback	Show manage feedback page	Pass
51	Search feedbacks	Log in as an Admin Choose Feedback Enter searching keyword: caterer	Filter the table and show matching records	Pass
52	Add advertise	Log in as a Caterer Choose my caterer Choose banner advertise Choose buy new banner Choose on top of the page Conduct payment Upload an image	Add new banner to the database and upload the new image to the storage then show banner advertise page	Pass
53	Edit advertise	Log in as a Caterer Choose my caterer Choose banner advertise Upload an image	Add new banner to the database and upload the new image to the storage then show banner advertise page	Pass
54	Delete advertise	Log in as a Caterer Choose my caterer Choose banner advertise Choose delete on an expired banner	Delete the banner information from the database, delete the banner's image from the storage, reload the page	Pass
55	View advertise	Log in as a Caterer Choose my caterer Choose banner advertise	Show manage banner page	Pass
56	View caterer's dishes	Log in as a Caterer Choose my caterer Choose dish	Show caterer's dish page	Pass
57	Add caterer's dish	Log in as a Caterer Choose my caterer Choose dish Choose add new dish Enter details: <ul style="list-style-type: none">• Dish name: Test• Dish image: An image• Dish description: Test dish• Dish price: 12.3	Add new dish to the database, upload the image to the storage, show caterer's dish page	Pass
58	Update caterer's dish	Log in as a Caterer Choose my caterer Choose dish Choose edit on a dish Enter details: <ul style="list-style-type: none">• Dish name: Edited• Dish image: An image• Dish description: Edited des• Dish price: 3.45	Update the dish's information in the database, upload the new image and delete the old image from the storage, show caterer's dish page	Pass

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59	Delete caterer's dish	Log in as a Caterer Choose my caterer Choose dish Choose delete on a dish	Delete the dish from the database if not ordered, disabled if otherwise	Pass
60	View caterer's dish statistical reports	Log in as a Caterer Choose my caterer Choose dish Choose statistical reports	Show caterer's dish statistical report page	Pass
61	Send feedback	Log in as a Customer or Caterer Enter details: • This page is nice	Notify feedback has been sent, add new feedback to the database	Pass
62	View notifications	Log in as a Customer or Caterer Choose notifications	Show notification sent to the user	Pass
63	View order history statistical report	Log in as a Customer Choose rating caterer Choose my order statistical	Show the customer's order history statistical report page	Pass

PROJECT REVIEW

Date	Project Plan Activity/Milestone	Work Specification	Status of the Activity	Remarks	Responsibility
24/04/2024	Requirements	Collect documents and references, determine what needs to be done, assign expected work to the team (document, demo), discuss form 1, 2, 3, 4, 6, 9	Done		Duc Hung Nguyen
01/05/2024	Design, development	Discuss form 1, 2, 3, 4, 5, 6, 7, database	Done		Duc Hung Nguyen
08/05/2024	Design, development	Discuss form 8, database	Done		Duc Hung Nguyen
15/05/2024	Design, development	Build general interface	Done		Duc Hung Nguyen
22/05/2024	Development	Discuss features	Done		Duc Hung Nguyen
31/05/2024	Development, testing	Complete 90% documents and features, testing	Done		Duc Hung Nguyen
05/06/2024	Development, testing	Testing	Done		Duc Hung Nguyen
10/06/2024	Deployment	Install the application	Done		Duc Hung Nguyen

Prepared By:
Phuc Loc Nguyen

Date:
10/06/2024

Approved By:
Duc Hung Nguyen

FINAL CHECKLIST

No.	Aspect tested	Suggestion/Remarks
1	Have all the modules been properly integrated and are they completely functional?	Functions related to vouchers are incomplete
2	Are all the validations happening as specified in Process Design?	Yes
3	Have all Design and Coding standards been followed and implemented?	Yes
4	Have all the GUI forms perform the function smoothly and exactly to the purpose of the initiation	Yes
5	Have all the GUIs contained enough functional processes to run from the beginning to the end on a run?	Yes
6	Are all the GUIs easy-looking to use, the instruction detail is good enough for the user to follow?	Yes
7	Are there any bonus functional processes added to help users get to use the program easier?	No