Overview Customer usecase

Login & Sign Up
- Login Form
- «include» User name
- «include» Password
- Log out

Follow order
- Order Delivery
- «include» Order ID
- «include» where to
- «include» send to
- «include» Estimated delivery time
- Choose a shipping unit

Payment
- Payment
- «include» Cash
- «include» E-pay

Order Vận chuyển
- Order delivery
- «include» Cancel
- «include» Select curent locaton
- Select destination location
- «include» Sender's information
- Receiver's information

Promotion
- Promotion
- «include» Discount

Map View
- Map View

Vote
- Vote or Feedbacks
- «include» Report violations
- «include» Rating

History
- Orders finished
- Order History «extend»

Search Shipping Unit
- Find shipping unit
- «include» by Price
- «include» by Type of Delivery
- «include» by Name of shipping unit

Admin

App DB

Overview Admin usercase

Overview Shipper usercase

Shipper Admin
- Username
- Login «extend»
- Password «extend»
- Log out

Add location
- Map View
- Add more location «extend»

Deliver
- Deliver many items «extend»
- Receive Order Information

Calciulate
- «extend»
- Receive Location A
- Calculate shortest way
- «extend»
- Receive Location B

Cancel
- Cancel
- «extend» Order Information

Change shipper
- Change Shipper
- «extend» Another shipper information

Recalculate way
- «include» Map View
- Recalculate hide traffic jam «include»
- Address Information

Shipper

AppDB

CUSTOMER SIDE

User usecase Login
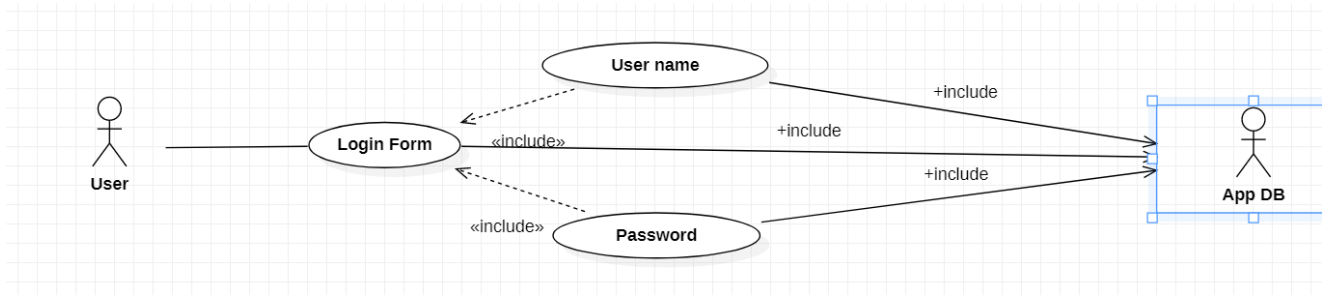
User usecase Login	
Actors	User, Database
Description	An user can log in their account into the system based on database by inputing their username/email and password in the login form
Data	Users (database)
Stimulus	Interface including form and button
Response	User's home page
Comments	The user must have a valid account and input correctly into the form. The user may have to confirm their account by using email/phone verification such as phone call, SMS, … in some system

User usecase Sign up
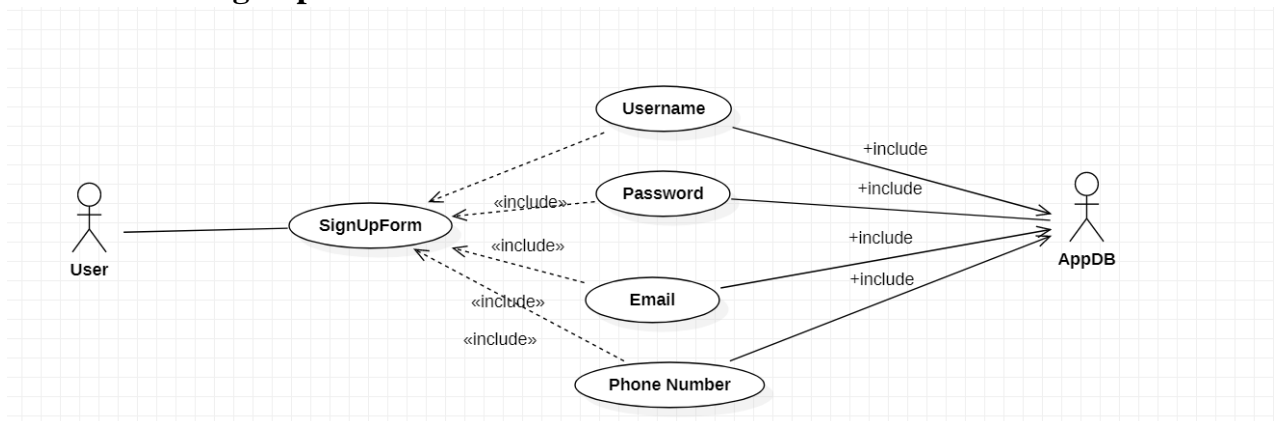
User usecase SignUp	
Actors	User, Database
Description	An user can create a new account in the system by filling some basic information in sign up form
Data	Users (database)
Stimulus	Interface including form and button
Response	Message: creating a new account successfully
Comments	The user must input some basic and valid information (username is unique) into the form. In some system, the user may have to verify by using email/phone or to wait for admin'acception

User usecase: Search for shipping unit
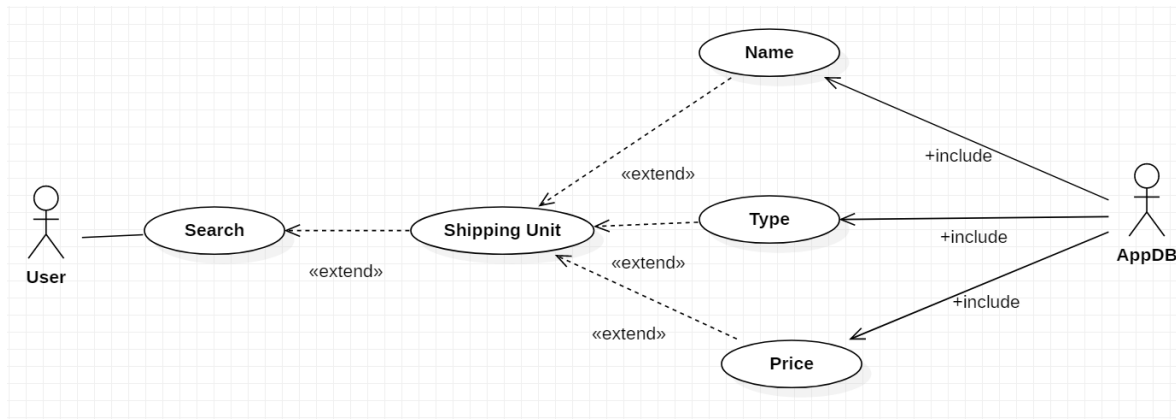
User usecase: Search for shipping unit	
Actors	User, Database
Description	An user can search for shipping unit in 3 ways: price, name of Shipping Unit and Type of Delivery to booking
Data	Search (database)
Stimulus	Interface including the list of results and the button
Response	Message: There are … results for your requirement.
Comments	The user may search shipping unit based on their needs in order to booking a shipper to delivery goods.

User usecase: Vote or Feedbacks
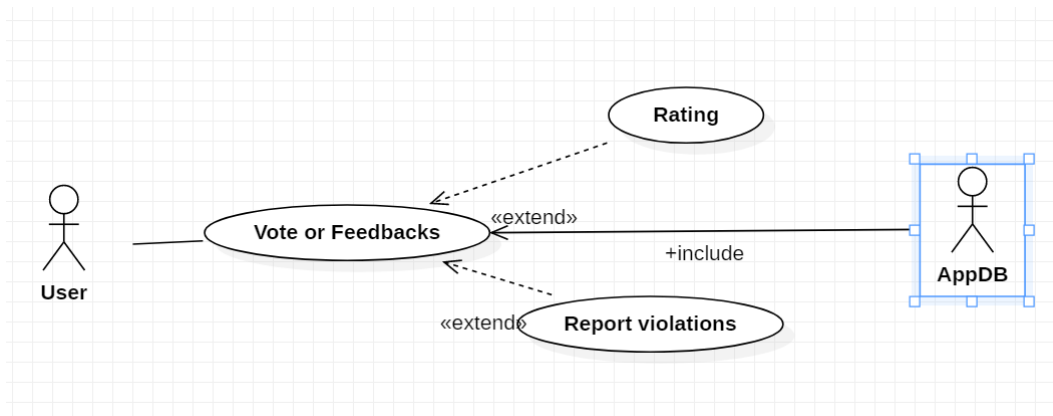
User usecase: Vote or Feedbacks	
Actors	User, Database
Description	An user input some feedbacks and vote for shipper
Data	User's input
Stimulus	Interface include input form and submit button
Response	Message: You feedback is received
Comments	The user must input their felling about the shipper into the form for rating. Some system, users just need input a single line and using submit button in order to send to the system

User usecase: Promotion
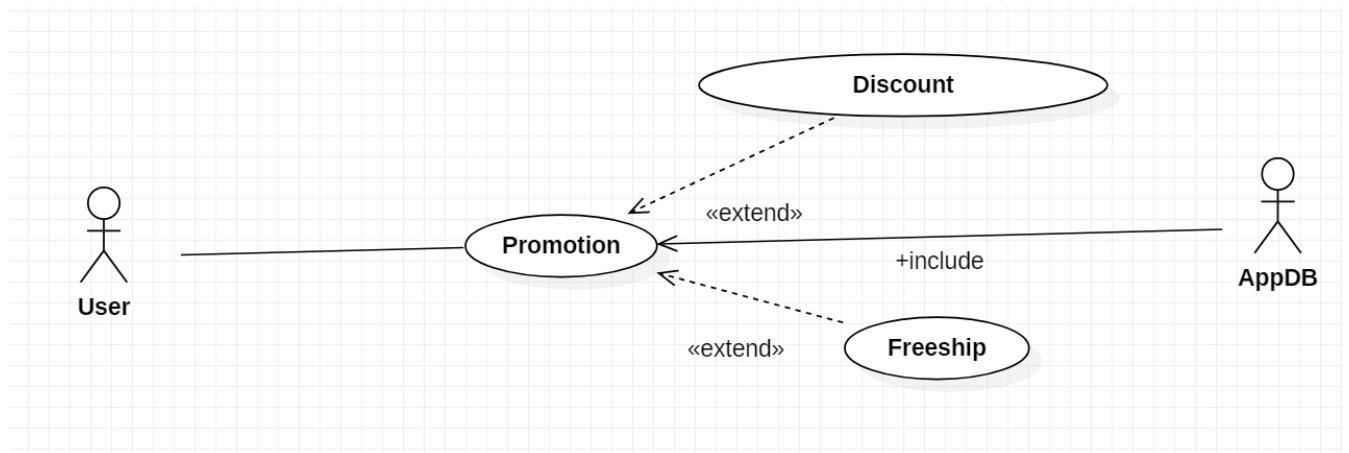
User usecase: Promotion	
Actors	User, Database
Description	A user can choose promotion in a list of promtion displayed on the screen and then click on button Apply
Data	User's choice
Stimulus	Interface include a list view and button
Response	Apply promotion successfully
Comments	The user can choose a promotion or not. It can provide a discount or may be freeship and it helps user save their money

User usecase: View map
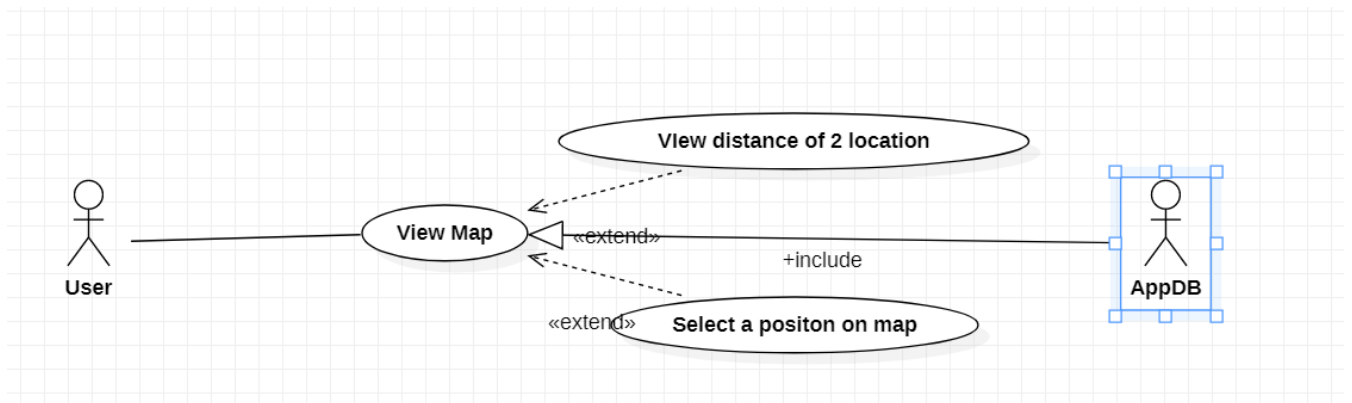
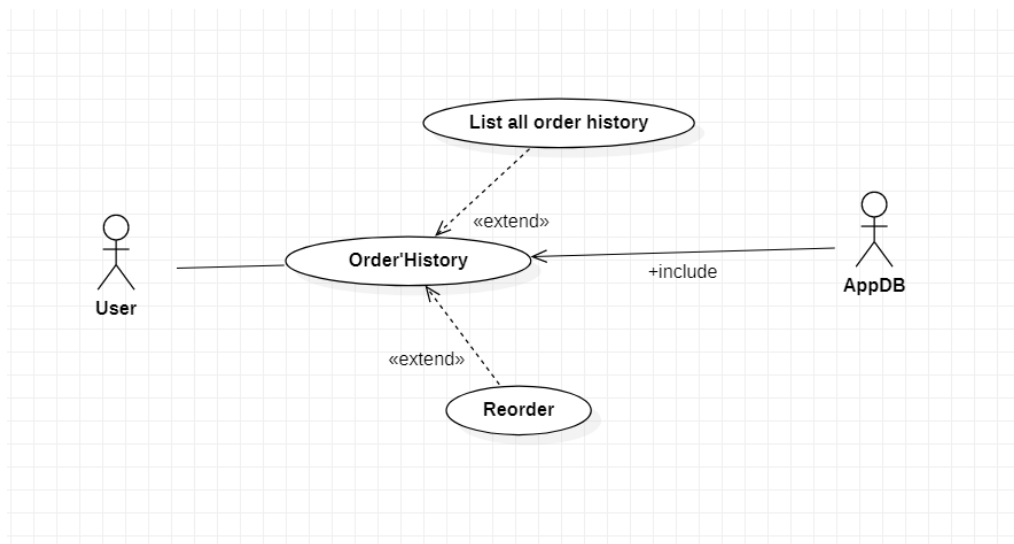| User usecase: View Map	
Actors	User, Database
Description	User can view the map, manipulate on the map
Data	User's input, manipulate
Stimulus	Interface include input view and button
Response	The result on the screen
Comments	The user may use the map to view how far from position A to position B, predict the delivery time, find the shortest way,…

User usecase: Order delivery
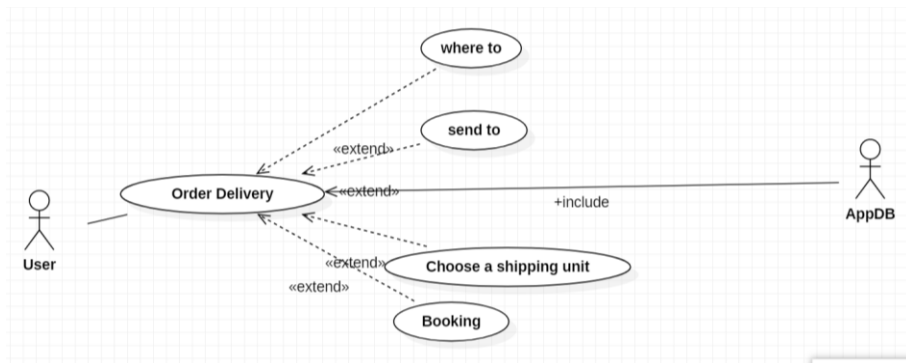
| User usecase: Order Delivery	
Actors	User, Database
Description	User can order a shipper to delivery something they want
Data	User's input and submit
Stimulus	Interface include input form and button
Response	Successfully Return form
Comments	The user input 2 locations A, B and choose a shipping unit. After that, press button Booking to order

User usecase: Orders's History

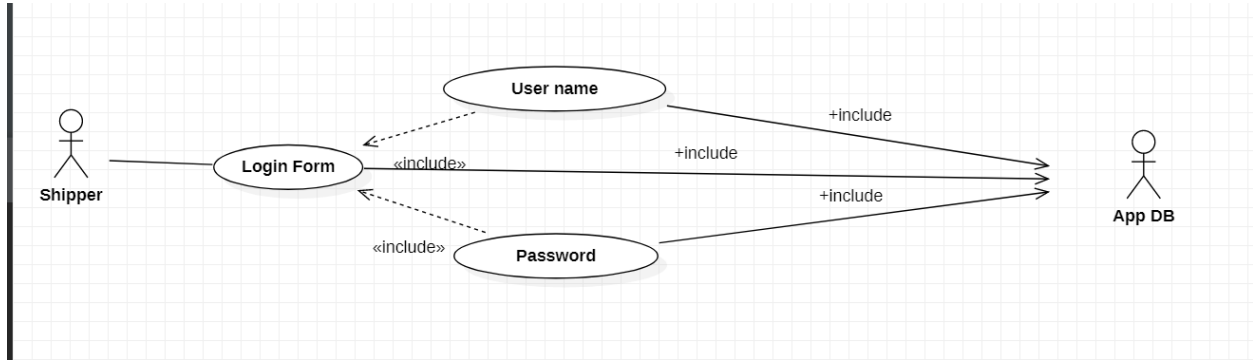| User usecase: Order History	
Actors	User, Database
Description	All history of ordering of user are stored here
Data	A list view and button
Stimulus	Interface include list view and button
Response	Message: All your finished order here
Comments	User can see the list of ordering accomplishmented and they can reorder by click Reorder button

User usecase: Payment
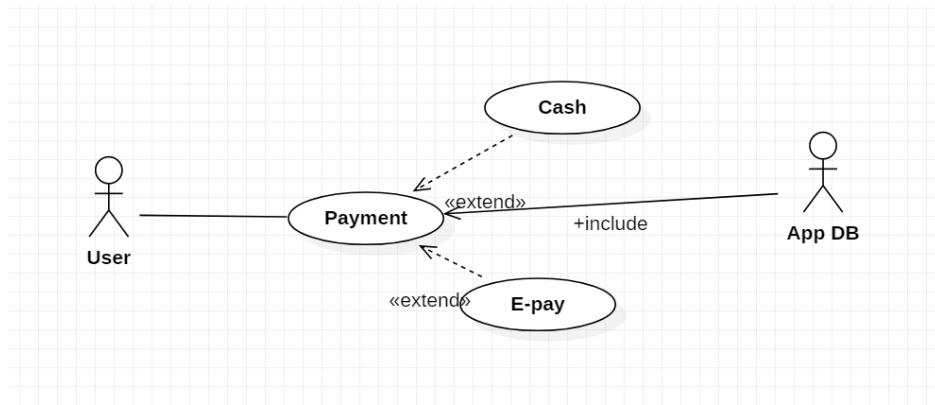
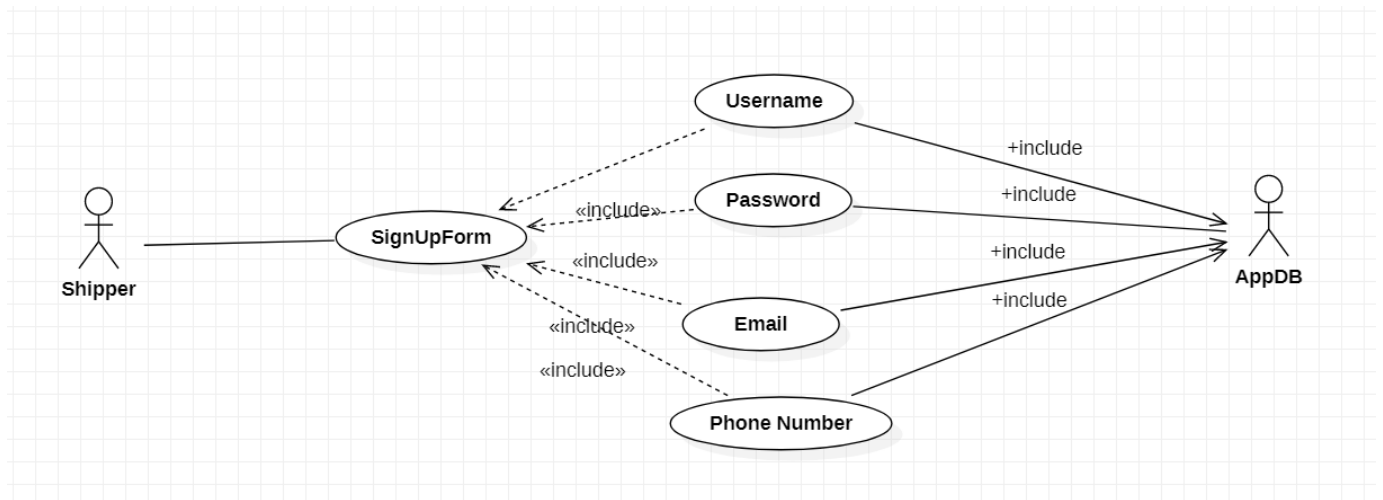| User usecase: Payment	
Actors	User, Database
Description	Access to Payment form to pay the money
Data	User choice
Stimulus	Interface include button and a view form
Response	Message: Successfully or not
Comments	The user can use this service to pay for delivery money before shipper starts work

SHIPPER SIDE

Usecase: Shipper_Login

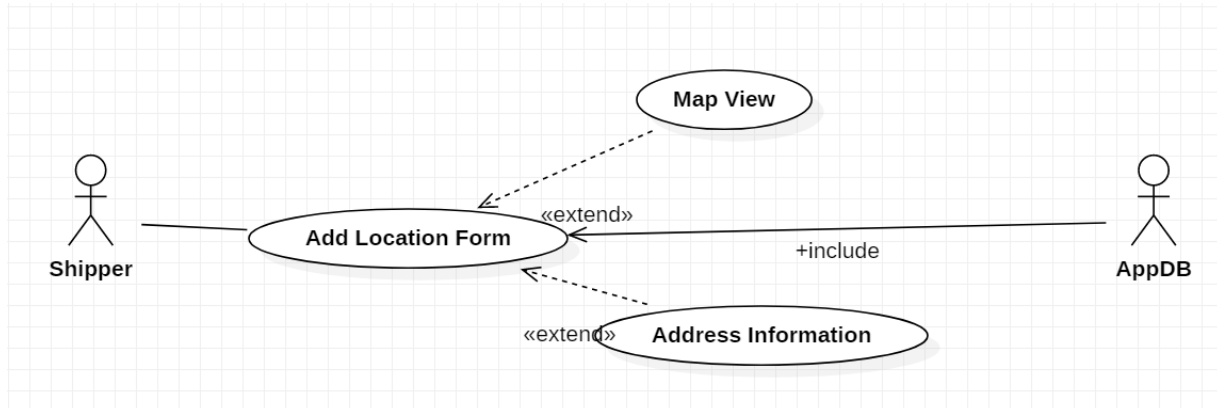| Shipper usecase Login	
Actors	Shipper, Database
Description	An shipper can log in their account into the system based on database by inputing their username/email and password in the login form
Data	Shippers (database)
Stimulus	Interface including form and button
Response	Shipper's home page
Comments	The shipper must have a valid account and input correctly into the form. The shipper may have to confirm their account by using email/phone verification such as phone call, SMS, … in some system

Usecase: Login_SignUp

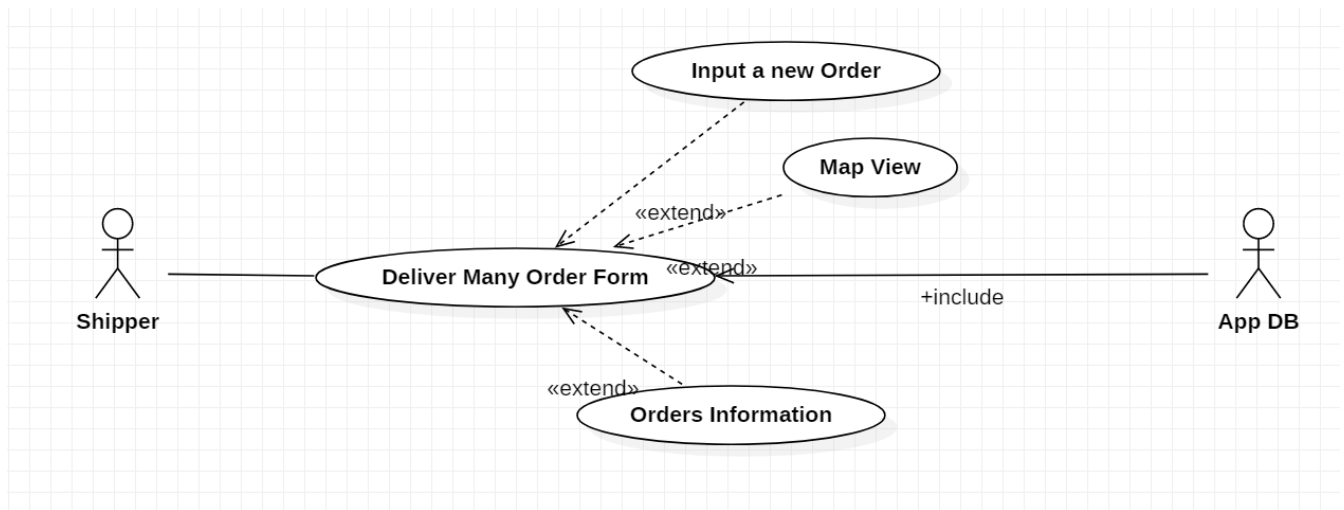| Shipper usecase SignUp	
Actors	Shipper, Database
Description	An shipper can create a new account in the system by filling some basic information in sign up form
Data	Shippers (database)
Stimulus	Interface including form and button
Response	Message: creating a new account successfully
Comments	The shipper must input some basic and valid information (username is unique) into the form. In some system, the shipper may have to verify by using email/phone or to wait for admin'acception

Usercase: Add another location

| Shipper usecase: Add another location	
Actors	User, Database
Description	Shipper can add more location in their delivery way if it is neccessay for them or if they think that it will help them to be faster
Data	Shipper's input
Stimulus	Interface that is the map and button to add another location
Response	The list of shipper and button
Comments	The user can use this form to find and call for another's shipper help in case can not finish the order

Usercase: Deliver many orders

| Shipper usercase: Deliver many orders	
Actors	User, Database
Description	Shipper can choose to deliver many items from many customer if they or on the same ways but at most 5 location in each shipping
Data	Shipper DB, Shipper's input
Stimulus	Interface include input form and submit butotn
Response	Add adress successfully
Comments	The shipper can use this form to add another address so it can help them to deliver many location

Usercase: Shipper_Calculate the shortest way to deliver in fastest way
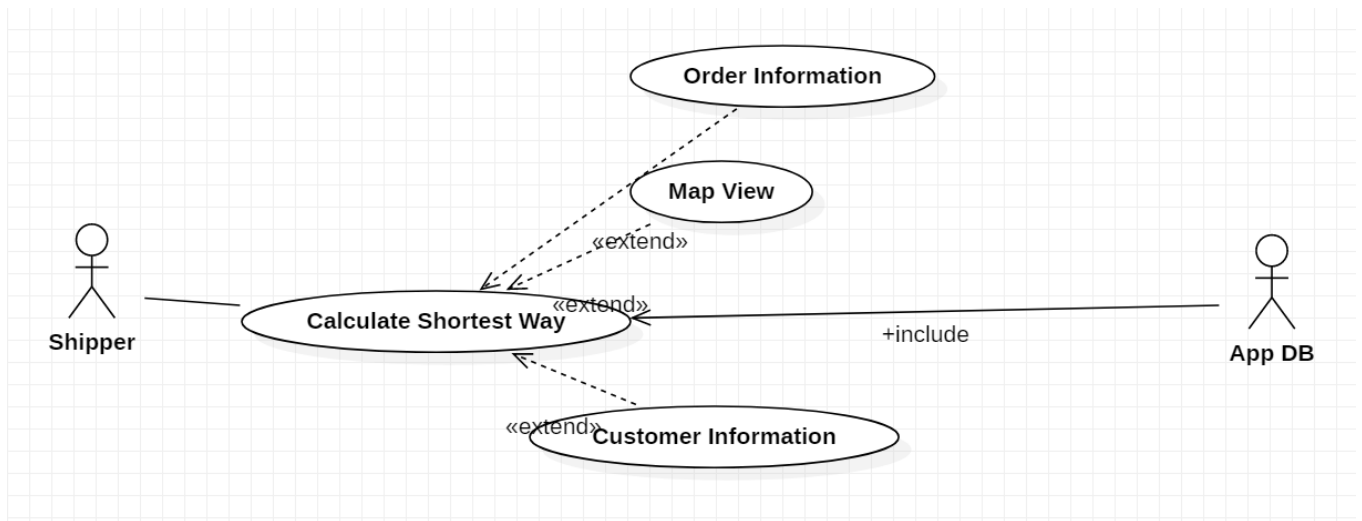
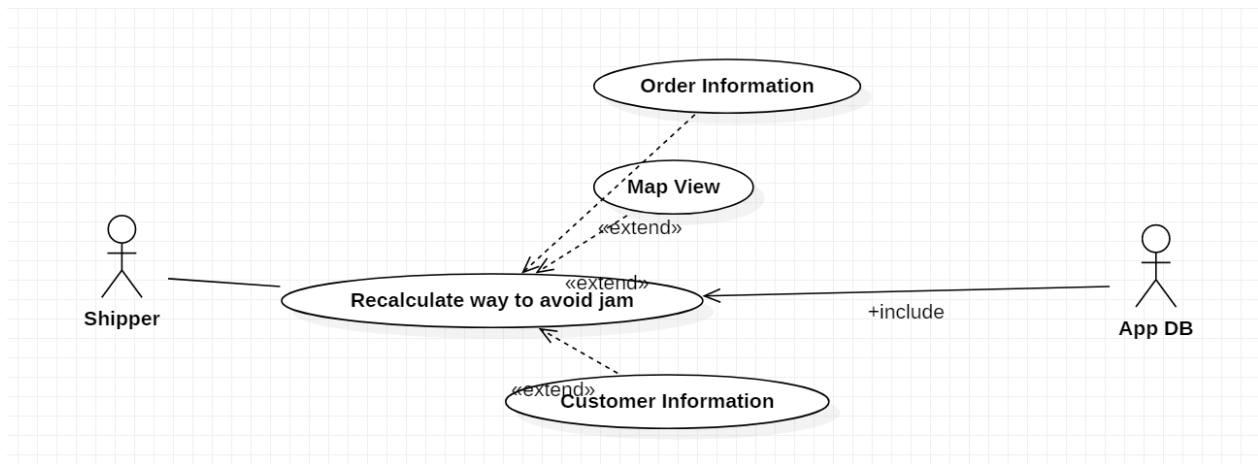| Shipper usercase: Calculate the shortest way to deliver in fastest way	
Actors	Shipper, Database
Description	System will calculate the shortest and the fastest way to help shipper deliver items as fast as possible and base on that system can calculate the estimate time for shipment.
Data	Database,
Stimulus	Interface include input form and addfriend button
Response	Successfully added your new friends
Comments	The user can addfriend in order to share experience and create motivation when competing with your friend

Usercase: Shipper_CancelOrder
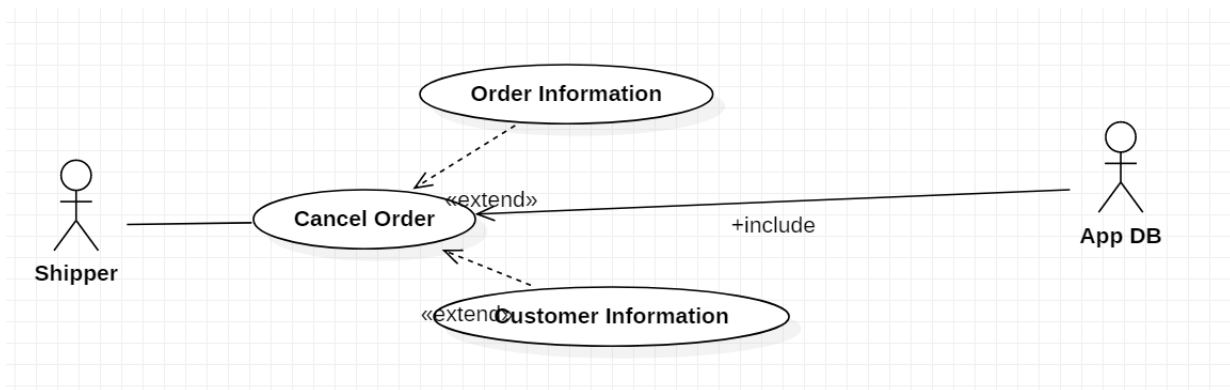
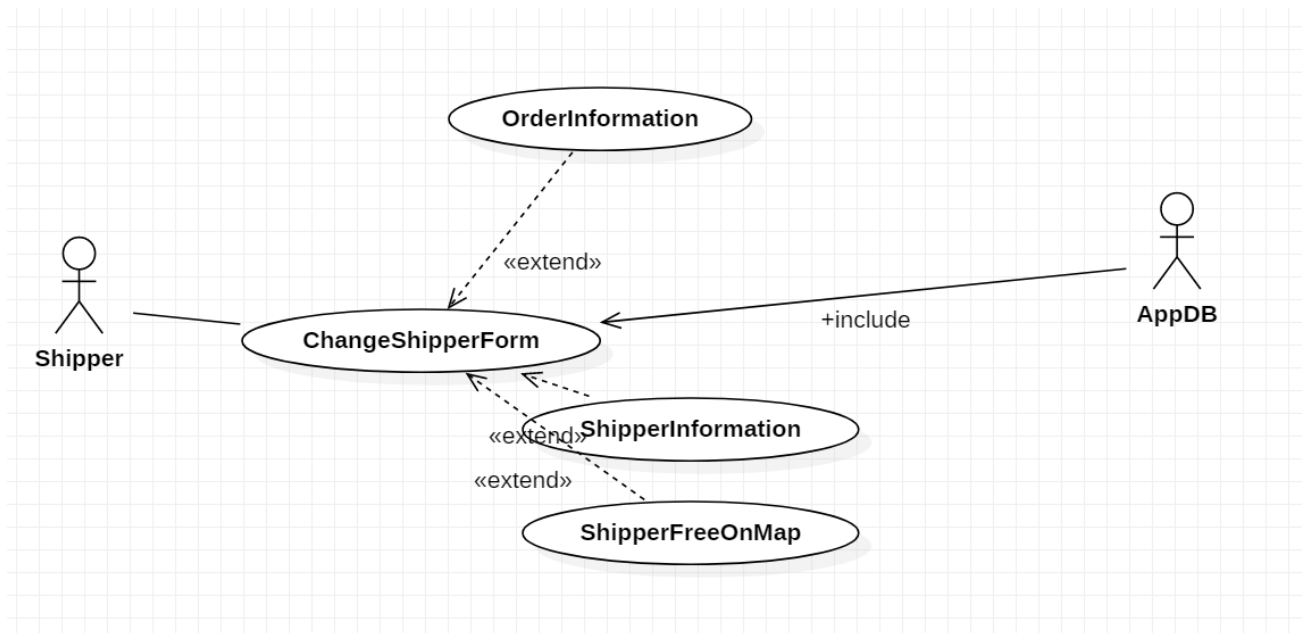| Shipper Usercase: CancelOrder	
Actors	User, Database
Description	Shipper can cancel order if they can not contact to customer after they reached the sender address or waiting time is more than 5 minutes or customer asked for cancellation.
Data	Shipper's manipulate
Stimulus	Cancel button
Response	Canceled Order
Comments	The shipper can cancel order in case cannot connnect to customer,… in order to stop and start another order

Usecase: Shipper_RecalculateWaytoAvoidJam

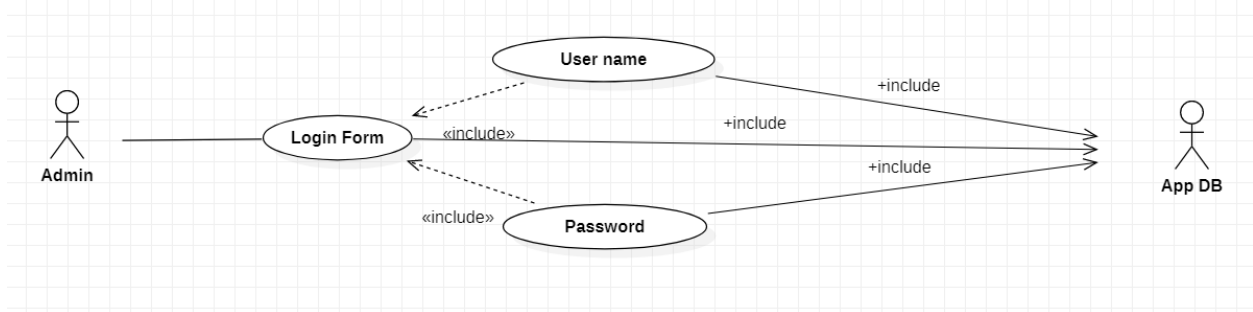| Shipper Usecase: Recalculate way to avoid traffic jam	
Actors	Shipper
Description	If customer is on the way to deliver items but system find out that shipper is stuck at that street in 5-10 minutes so system need to re-calcualate the delivery way again and help customer to get out that traffic jam.
Data	Shipper's Manipulate
Stimulus	Interface contains map, button
Response	Show result in map
Comments	Shipper can view on map and decide another way to deliver instead of continuing on the crowded way

Usecase: Shipper_ChangeShipper

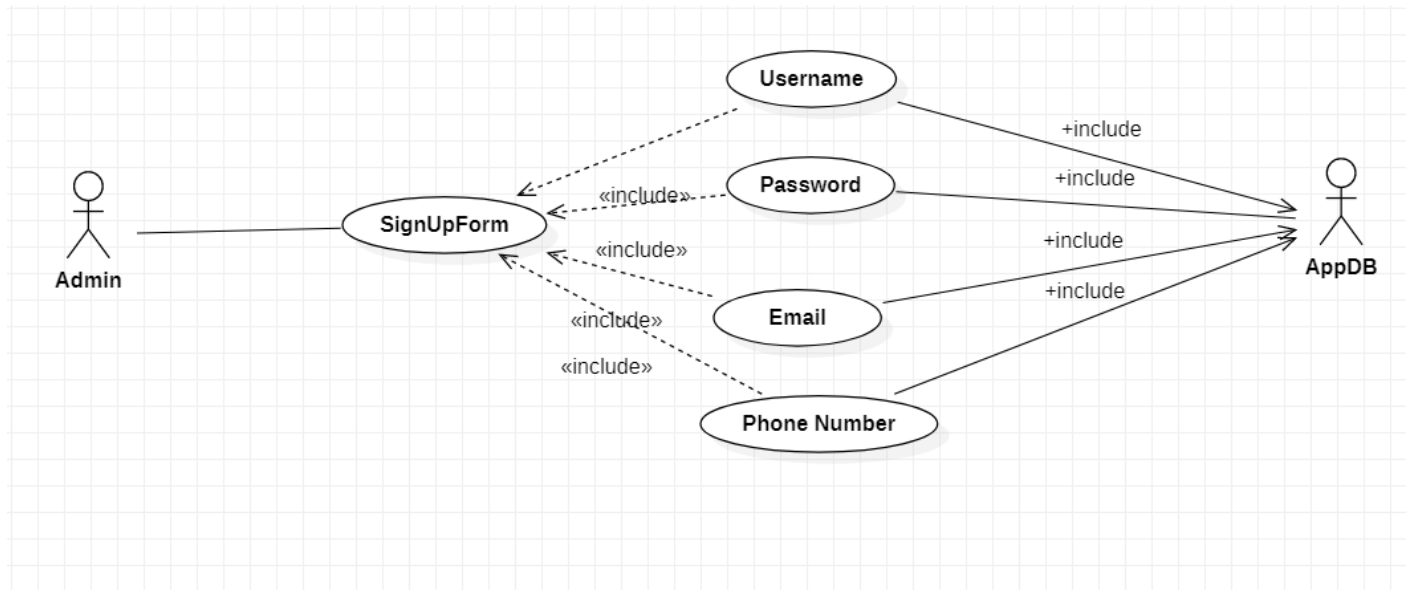| Shipper Usecase: Change Shipper	
Actors	User
Description	After get items from customer, if shipper can not continue to delivery or they have any problem, violate with time policy of shipment, shipper can request system to find out other nearest shipper can help them to continue their job.
Data	Shipper's button to find another one who is free to help finish the delivery
Stimulus	Interface has button to find another shipper, button to contact
Response	Show the list the shipper is in free time
Comments	Shipper use this to call for help from another one in case they cannot continue to delivery

ADMIN SIDE

Usercase: Admin_Login

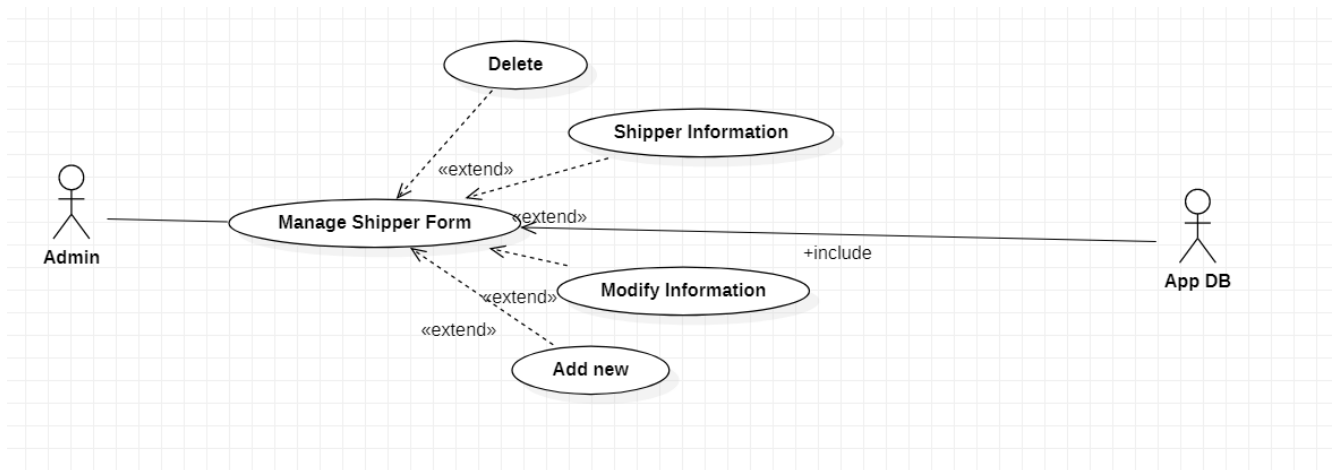| Admin usercase: Login	
Actors	Admin, Database
Description	An admin can log in their account into the system based on database by inputing their username/email and password in the login form
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's home page
Comments	The admin must have a valid account and input correctly into the form. The admin may have to confirm their account by using email/phone verification such as phone call, SMS, … in some system

Usercase: Admin_SignUp

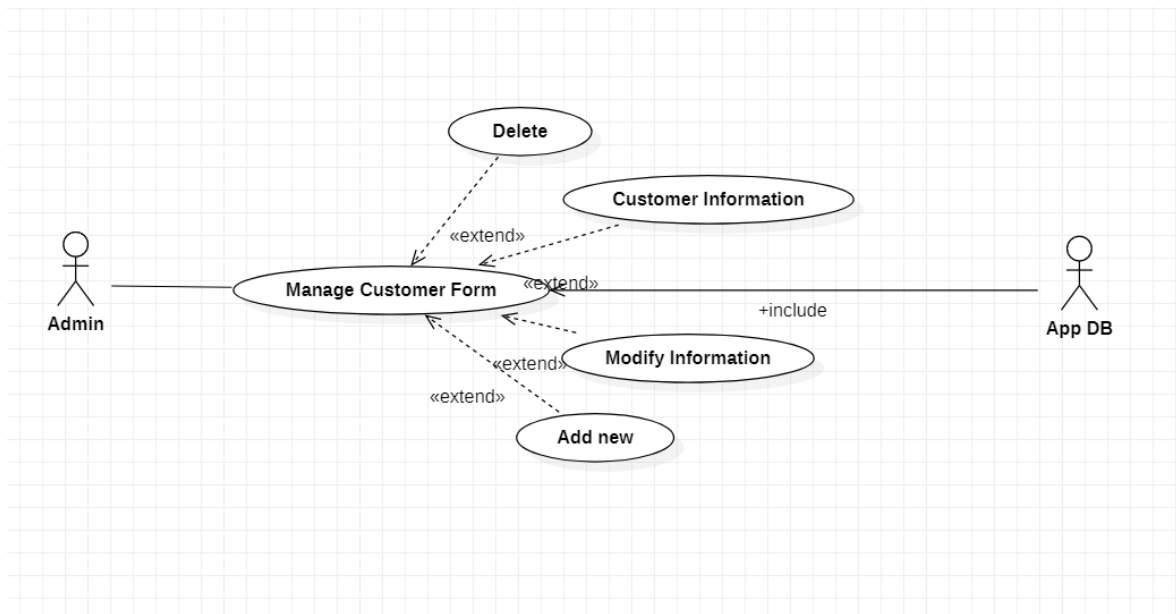| Admin usercase: Sign Up	
Actors	Admin, Database
Description	An admin can create a new account in the system by filling some basic information in sign up form
Data	Admin (database)
Stimulus	Interface including form and button
Response	Message: creating a new account successfully
Comments	The admin must input some basic and valid information (username is unique) into the form. In some system, the admin may have to verify by using email/phone or to wait for admin'acception

Usercase: Admin_Manage Shipper Information

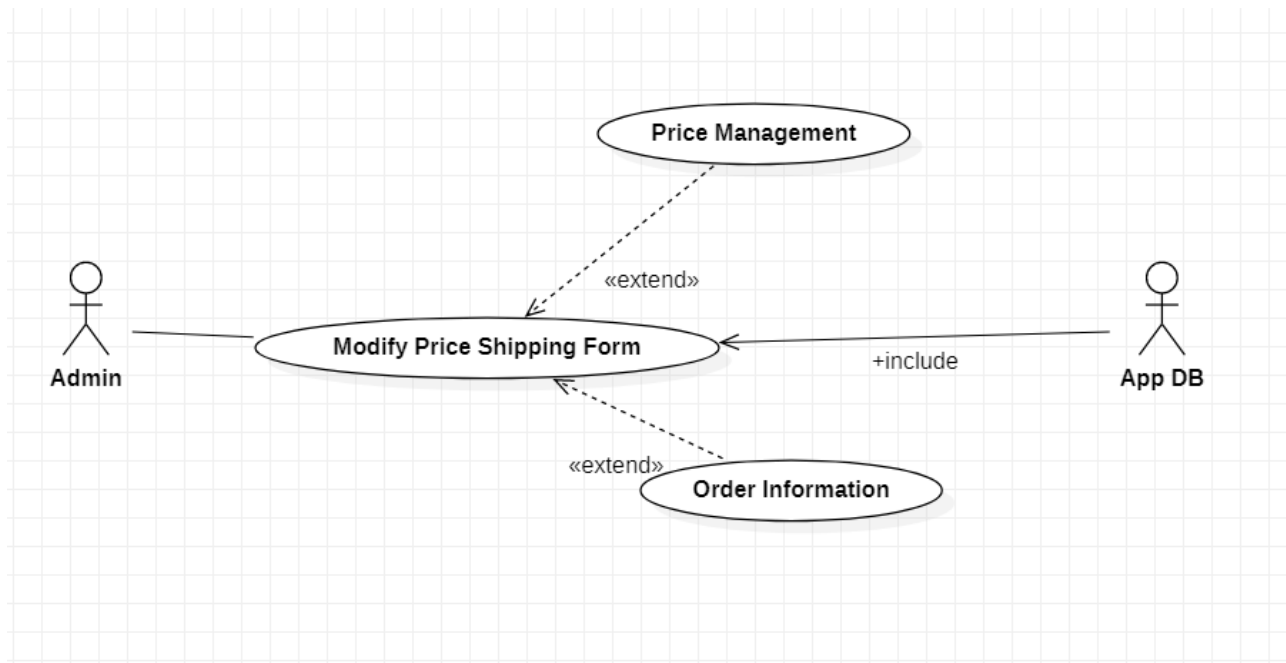| Admin usercase: Manage Shipper Information	
Actors	Admin, Database
Description	Admin can get all of information of shipper in the database to manage them. Show out good shipper and bad shipper to have suitable solution to enhance the shipping policy. This also help admin can manage the personal information of shipper and it will neccesary in some cases. For example: Contact with family when shipper get accident, send information to police if shipper steal goods from customer and hide away.
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's home page
Comments	The admin use this form to manage shipper information with the data of shipper from DB and also can add, delete and modify

Usercase: Admin_Manage Customer Information

| Admin usercase: Manage Customer Information	
Actors	Admin, Database
Description	Admin can get all of information of customer including: Name, address, phone number and number of using system from that customer. This is not only help admin can manage customer but also help them to find out the potential customer.
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's home page
Comments	The admin use this form to manage customer information with the data of customer from DB and also can add, delete and modify

Usercase: Admin_Modify Shipping Price

| Admin usercase: Modify Shipping Price	
Actors	Admin, Database
Description	The administrator can change the cost of shipping based on the policy of shipping and price of fuel. They can change the price per km or price per hour of shipping or the transport type.
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's home page
Comments	The admin use this site to modify the shipping price with the data of Order and Price in Database

Usercase: Admin_Add new shipper or admin into the system
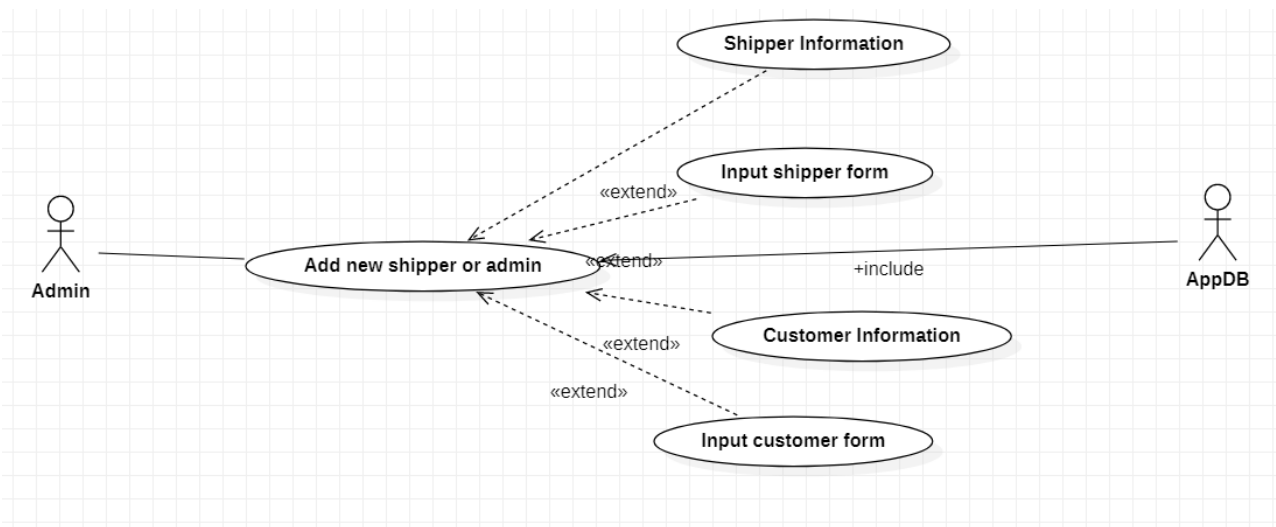
| Admin usercase: Add new shipper or admin into the system	
Actors	Admin, Database
Description	Sign up function of the system can not apply for admin and shipper because of the security problem so that it need to be added by administration.
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's add newbie page
Comments	The admin use this to add a new shipper or a new administrator into the database

Usercase: Admin_Send Invoice via customer Email
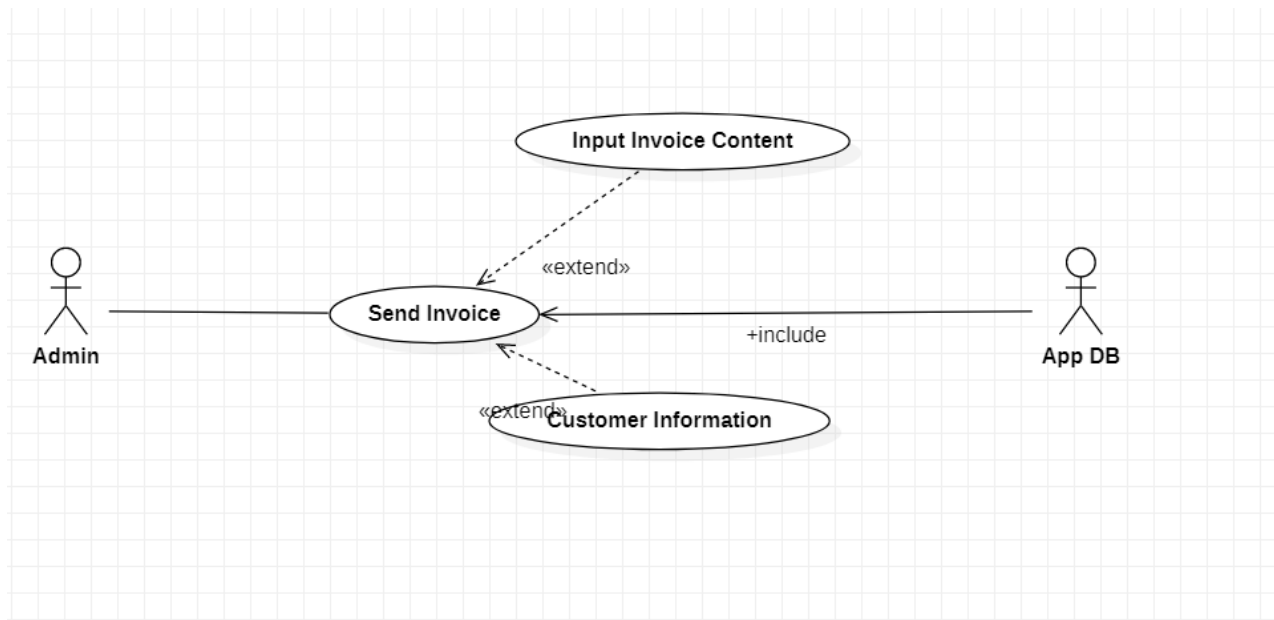
| Admin usercase: Send Invoice via customer Email	
Actors	Admin, Database
Description	Admin will send the invoice to customer when the order was finished
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's invoice page
Comments	The admin use this page send invoice to the customer through Email

Usercase: Admin_Block Shipper
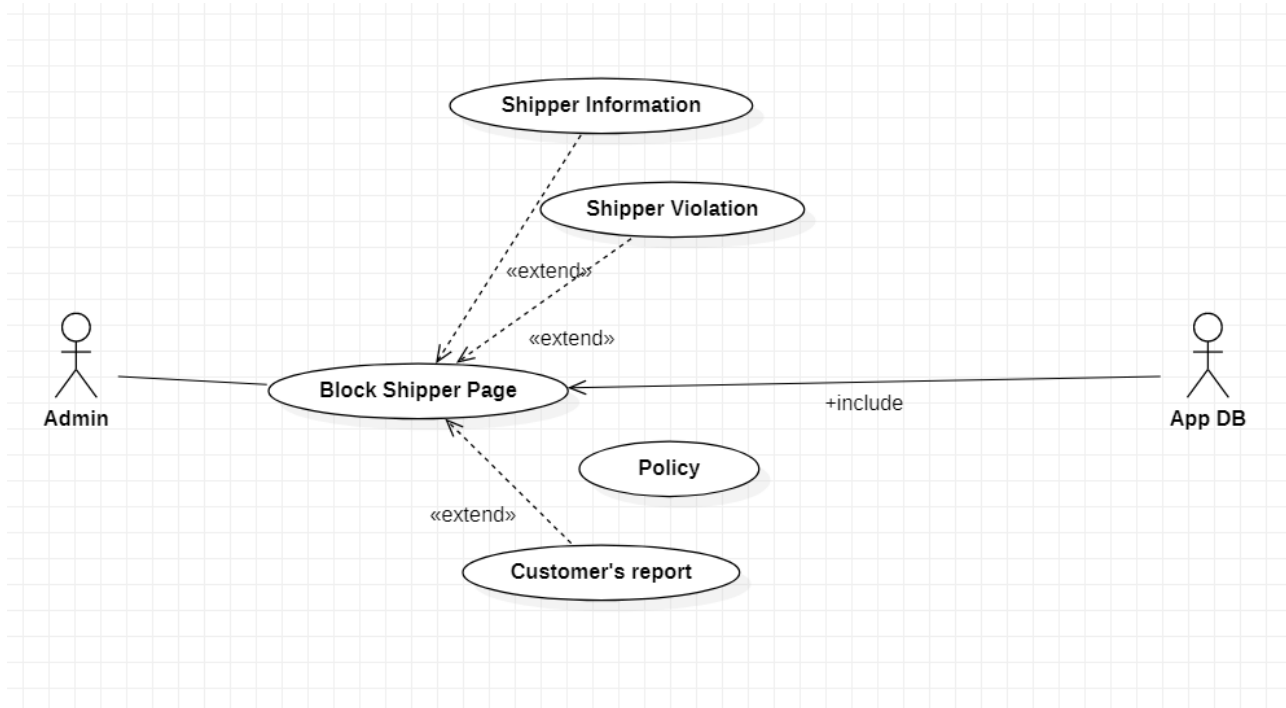
| Admin usercase: Block Shipper	
Actors	Admin, Database
Description	If shipper infringed the policy of shipment, admin can block their account.
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's block shipper page
Comments	The admin has to block shipper in some case, admin can use this page to do it.

Usercase: Admin_BlockCustomer
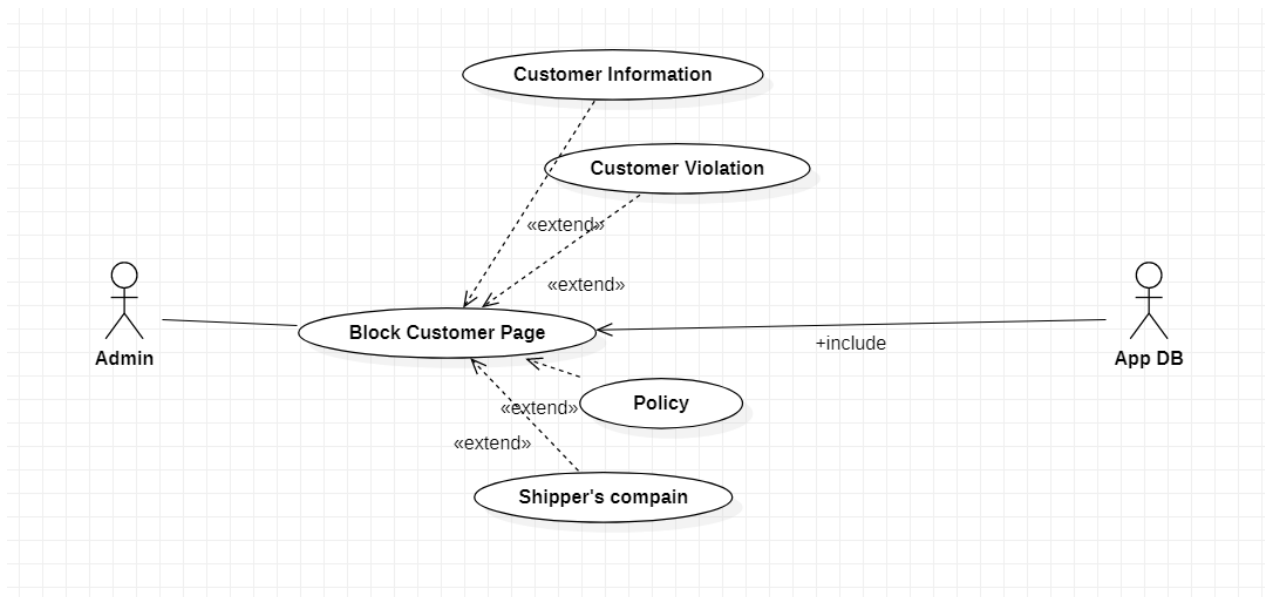
Admin usercase: BlockCustomer	
Actors	Admin, Database
Description	If customer infringed the policy of shipment, admin can block their account.
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's block customer page
Comments	The admin has to block customer in some case, admin can use this page to do it according shipper's report, …

Usercase: Admin_Send Promote to Customer
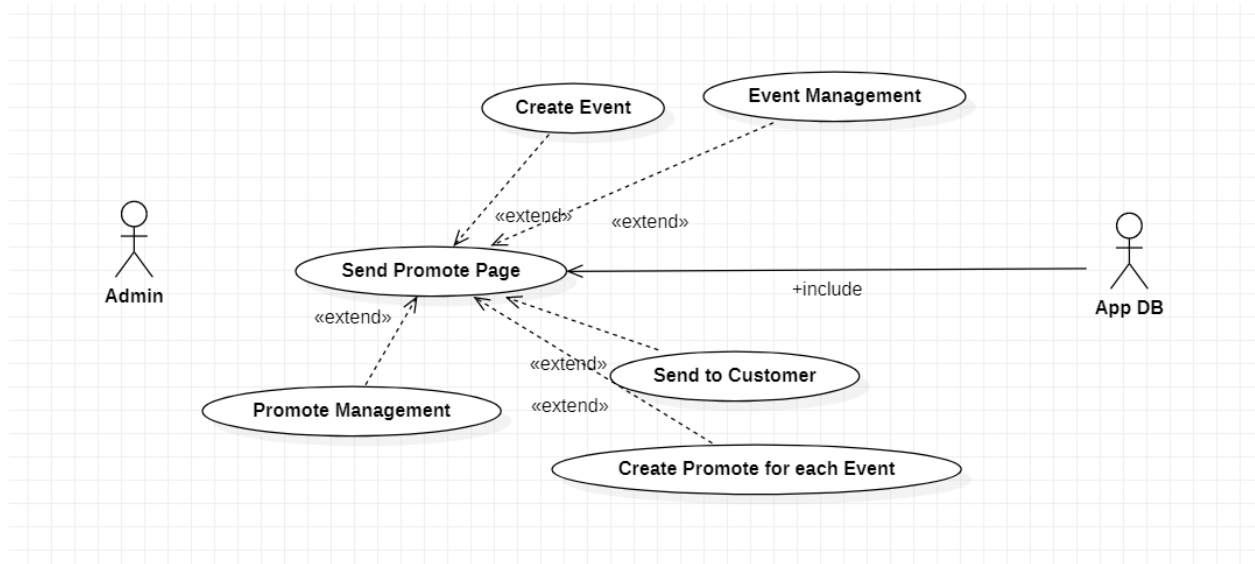
Admin usercase: Send Promote to Cusomer	
Actors	Admin, Database
Description	Admin send promotions code to customer
Data	Admin (database)
Stimulus	Interface including form and button
Response	Admin's promote page
Comments	The admin can manage promote and also add or delete the event provided promote to customer