



Capstone Project Document

SUPER SHIPPER SYSTEM Software Requirement Specification

Super Shipper System		
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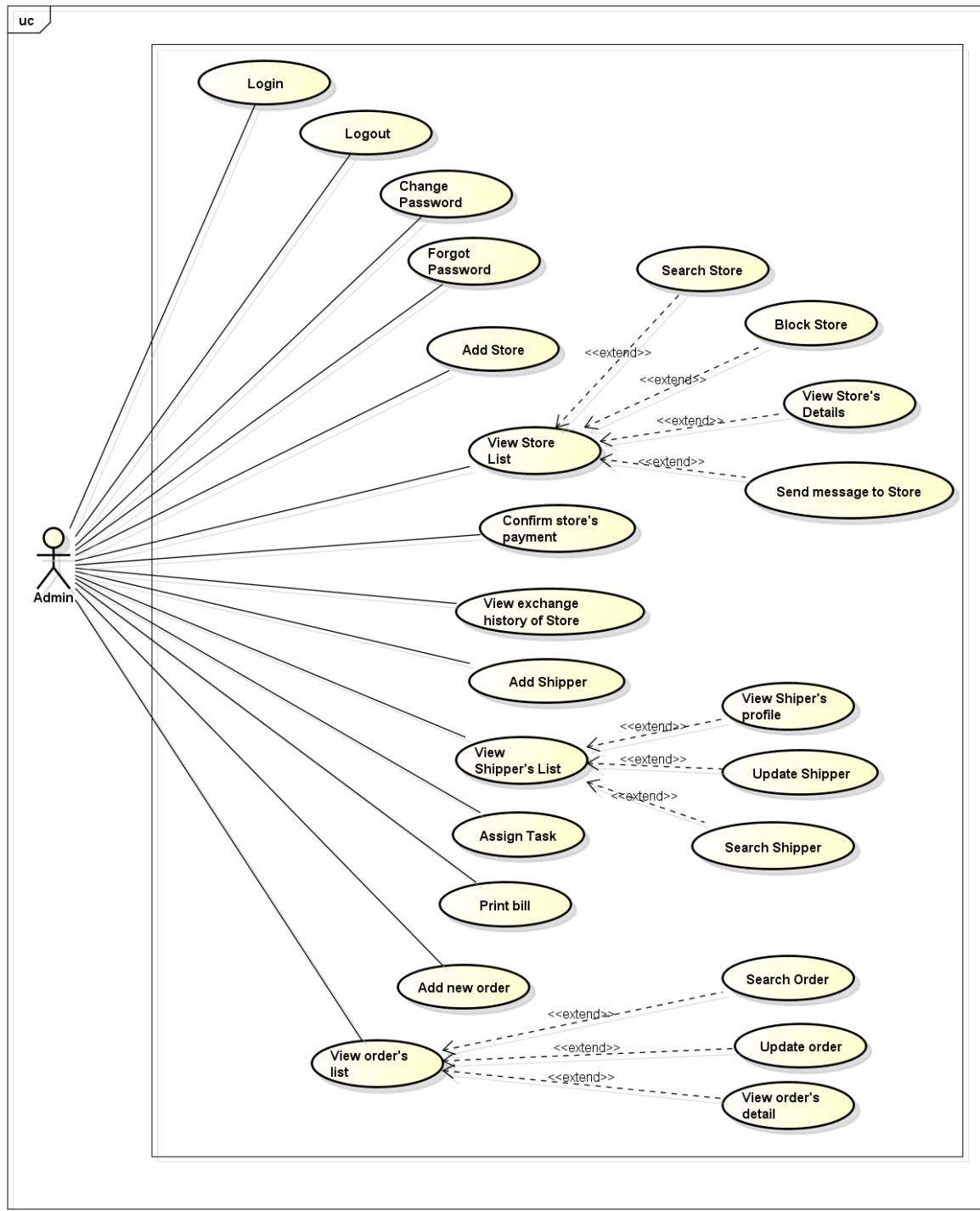
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ACRONYMS & ABBREVIATIONS

1. FUNCTIONAL REQUIREMENTS

1.1. Web application for Admin

1.1.1. User Case Diagram



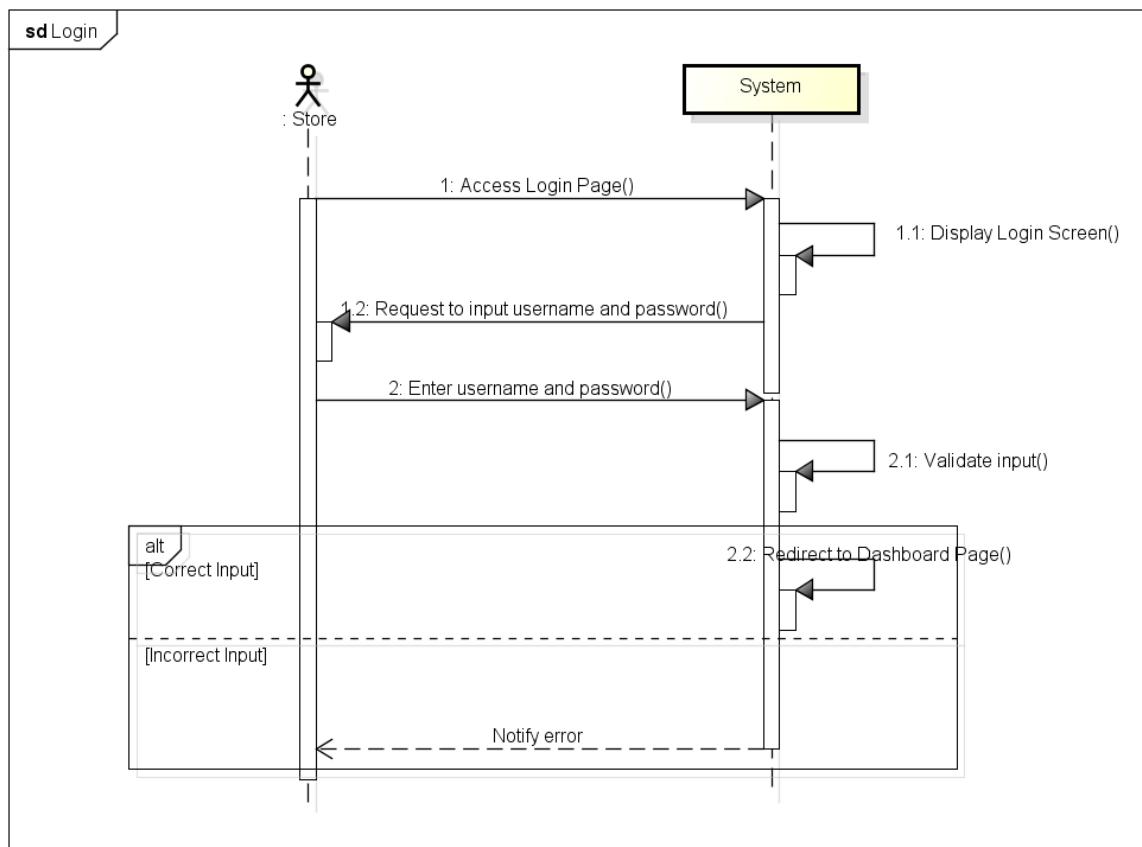
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Figure 11: User case diagram of Web Application for Admin

1.1.2. Functions

UC- 101: Admin Login

Use Case ID:	UC-101				
Use Case Name:	Admin Login				
Created By:	HuyTDH	Last Updated By:	HuyTDH		
Date Created:	20/09/2015	Date Last updated:	20/09/2015		
Actor:	Admin				
Description:	Admin logs in to system				
Preconditions:	Admin not yet logged in				
Post conditions:	Admin logged into system				
Priority:	High				
Frequency of Use:	Always				
Main flow					
Step	Actor	Action			
1.	Admin	Enters Admin 3S website address into web browser			
2.	System	Shows “Log in” screen, includes: - Email text box - Password text box - Log in button - Forgot password hyperlink			
3.	Admin	Enters email and password			
4.	Admin	Clicks on “Log in” button			
5.	System	Accepts log in and redirect to “Admin homepage”			
Alternative Flows: N/A					
Exceptions:					
EC1	In step 3 admin enters wrong email or password				
Step	Actor	Action			
3.1	Admin	Enters wrong email or password			
3.2	System	Displays message “Wrong email or password”			
3.3		Return to step 3 of main flow			
Includes: N/A					
Special Requirements: N/A					
Assumptions: N/A					
Notes and Issues: N/A					

***UC- 102: Admin Logout***

Use Case ID:	UC-102				
Use Case Name:	Admin Log out				
Created By:	HuyTDH	Last Updated By:	HuyTDH		
Date Created:	20/09/2015	Date Last updated:	20/09/2015		
Actor:	Admin				
Description:	Admin Logs out of the system				
Preconditions:	Admin logged in				
Post conditions:	Admin logged out of the system				
Priority:	High				
Frequency of Use:	Often				
Main flow					
Step	Actor	Action			
1.	Admin	Clicks on admin name in the top right of the screen			
2.	System	Displays menu box			
3.	Admin	Chooses “Log out” from menu box			
4.	System	Logs admin out and go to “Admin Log in” screen (refer to UC-101)			
Alternative Flows:					
N/A					
Exceptions:					
N/A					
Includes:	N/A				

Special Requirements:	N/A
Assumptions:	N/A
Notes and Issues:	N/A

UC- 103: Admin Change Password

Use Case ID:	UC-103	
Use Case Name:	Admin Change Password	
Created By:	HuyTDH	Last Updated By: HuyTDH
Date Created:	20/09/2015	Date Last updated: 20/09/2015
Actor:	Admin	
Description:	Admin change his password	
Preconditions:	Admin logged in	
Post conditions:	Admin's password is changed	
Priority:	Normal	
Frequency of Use:	Sometimes	
Main flow		
Step	Actor	Action
1.	Admin	Clicks on admin name in the top right of the screen
2.	System	Displays menu box
3.	Admin	Chooses "Change password" from menu box
4.	System	Displays "Change password" screen
5.	Admin	Enter old password, new password and re-password
6.	Admin	Clicks on "Change" button
7.	System	Display message "Your password has been changed" and go to "Admin Homepage" screen
Alternative Flows:		
Exceptions:		
EC1	In step 5 admin enters wrong old password	
Step	Actor	Action
5.1	Admin	Enters wrong old password
5.2	Admin	Enters new password and re-password
5.3	Admin	Clicks on "Change"
5.4	System	Displays message "Wrong old password"
5.5		Return to step 5 of main flow
Includes: N/A		
Special Requirements: N/A		
Assumptions: N/A		
Notes and Issues: N/A		

UC- 104: Admin Forgot Password

Use Case ID:	UC-104	
Use Case Name:	Admin Forgot Password	
Created By:	HuyTDH	Last Updated By: HuyTDH
Date Created:	20/09/2015	Date Last updated: 20/09/2015
Actor:	Admin	
Description:	Admin forgot his password and use this function to receive new one via registered email	
Preconditions:	Admin not yet log in	
Post conditions:	New password is sent to admin's email	
Priority:	Normal	
Frequency of Use:	Sometimes	
Main flow		
Step	Actor	Action
1.	Admin	Goes to "Log in" screen (refer to UC-101)
2.	Admin	Clicks on "Forgot password" hyperlink
3.	System	Displays "Forgot password" screen
4.	Admin	Enter registered email and click "Send new password"
5.	System	Displays message "New password has been sent to your email"
Alternative Flows:		
N/A		
Exceptions:		
EC1	In step 4 admin enter wrong email	
Step	Actor	Action
4.1	Admin	Enters registered email and click "Send new password"
4.2	System	Displays message "Wrong email! Retry!"
4.3		Return to step 4 of main flow
Includes:		
N/A		
Special Requirements:		
N/A		
Assumptions:		
N/A		
Notes and Issues:		
N/A		

UC- 105: Accept Store

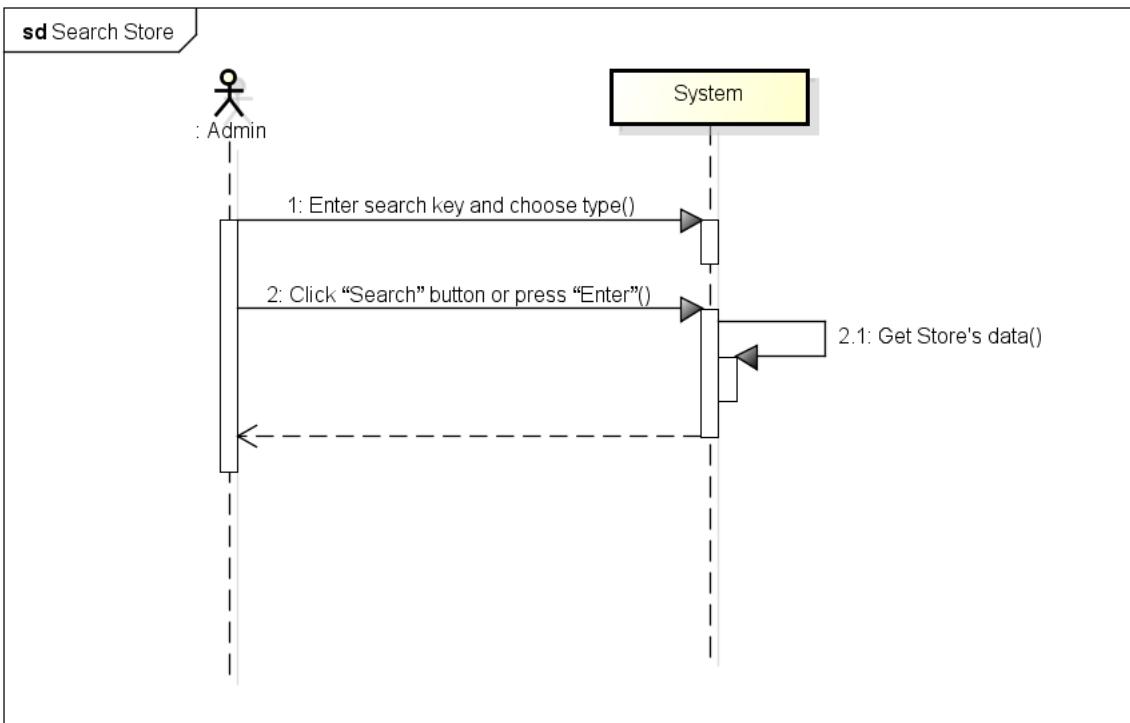
Use Case ID:	UC-105	
Use Case Name:	Accept Store's adding request	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 24/09/2015
Actor:	Admin	
Description:	Admin views list of Store's adding request then accept or reject to add the Store	
Triggering Event:	Admin accepts adding request of Store	

Preconditions:	Admin logged in to system	
Post conditions:	New Store is added to database	
Priority:	High	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Admin	Click “Store” button in left navigate bar
2.	System	Display “Store” menu
3.	Admin	Click “Accept new Store” button
4.	System	Load data of Store's Adding Request and display in “Accept new Store” screen
5.	Admin	Click “Accept” button to accept to add new Store
6.	System	Display confirm popup includes “Yes” and “No” button
7.	Admin	Confirm by clicking “Yes” button
8.	System	Close popup and hide this store from list
9.	System	Add new Store to database of System
Alternative Flows:	N/A	
Exceptions:		
EC1	At step 5, Admin reject by clicking “Reject” button	
Step	Actor	Action
5.1	System	Delete this store from list and this Store isn't added to System
EC2	At step 7, Admin click on “No” button	
Step	Actor	Action
7.1	System	Close popup and proceed to step 4
Includes:	N/A	
Special Requirements:	N/A	
Notes and Issues:	N/A	

UC- 106: Search Store

Use Case ID:	UC-106	
Use Case Name:	Search Store	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 24/09/2015
Actor:	Admin	
Description:	Admin wants the system to list all Stores related to a specific keyword.	
Triggering Event:	Admin searches store	
Preconditions:	Admin is in view store's list page (refer case UC-107)	
Post conditions:	Display Store as result of search	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
1.	Admin	Choose type of searching: Name, Address or Type
2.	Admin	Enter text to “Search” text box
3.	Admin	Click “Search” button or press “Enter”

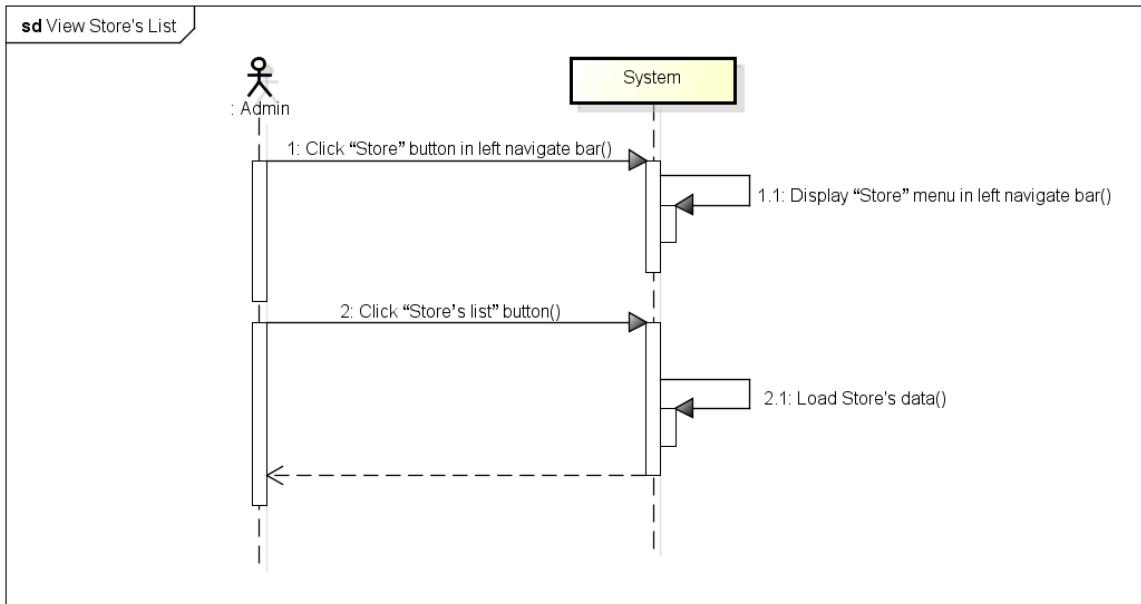
4.	System	Get Store's data from data base and display result on screen
Alternative Flows:		N/A
Exceptions:		N/A
EC1	At step 1, Admin doesn't choose any type	
Step	Actor	Action
1.1	System	Set Name is default type
Includes:		N/A
Special Requirements:		- Result of search is case insensitive
Notes and Issues:		N/A



UC- 107: View Store's list

Use Case ID:	UC-107		
Use Case Name:	View Stores List		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	Admin wants to view all of Store		
Triggering Event:	Admin views list of Store		
Preconditions:	Admin logged in to system		
Post conditions:	List of store is displayed to screen		
Priority:	High		
Frequency of Use:	Always		
Main flow			
Step	Actor	Action	
1.	Admin	Click "Store" button in left navigate bar	
2.	System	Display "Store" menu in left navigate bar	

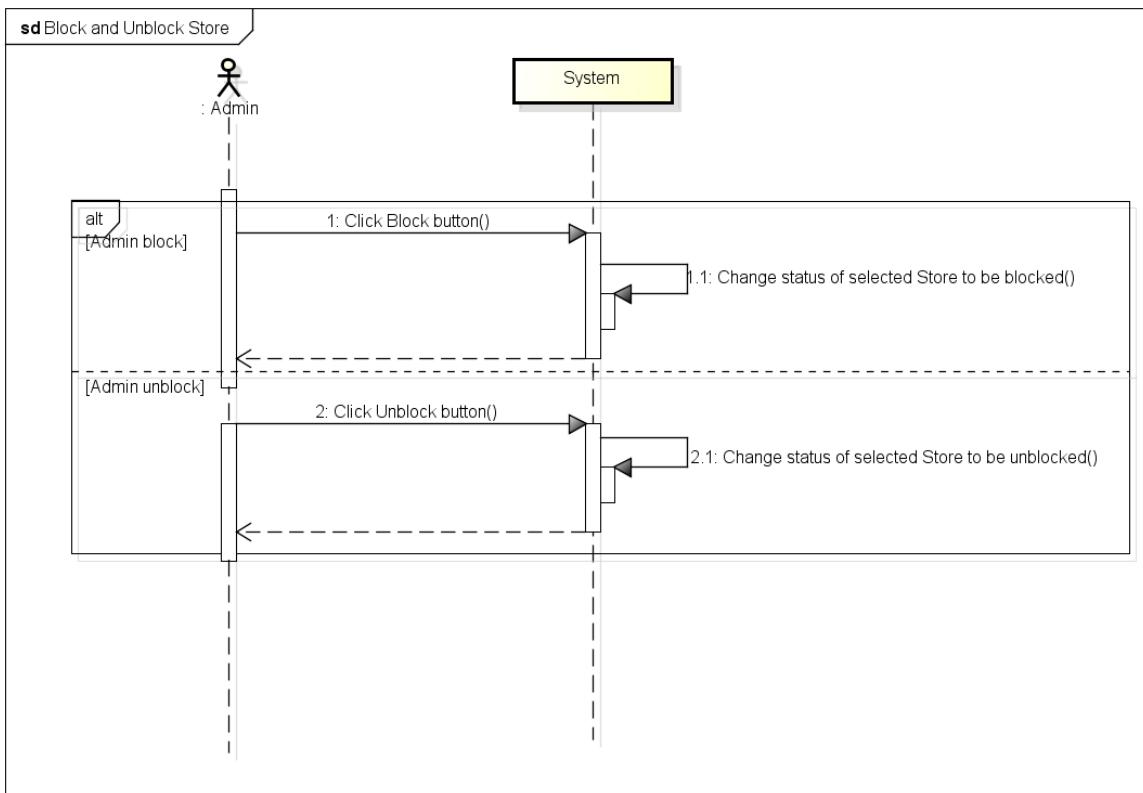
3.	Admin	Click “Store’s list” button
4.	System	Display “Store’s List” screen
Alternative Flows:	N/A	
Exceptions:	N/A	
Includes:	N/A	
Special Requirements:	N/A	
Notes and Issues:	N/A	



UC- 108: Block store

Use Case ID:	UC-108		
Use Case Name:	Block and Unblock store		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	24/09/2015
Actor:	Admin		
Description:	Admin want to ban or unban the store from system, so they can’t do any function of system if they were banned		
Triggering Event:	Admin blocks or unblocks store		
Preconditions:	Admin is in view store’s list page (refer case UC-107)		
Post conditions:	Store is blocked or unblocked		
Priority:	Normal		
Frequency of Use:	Sometime		
Main flow			
Step	Actor	Action	
1.	Admin	Click “Block”(“Unblock”) button	
2.	System	Display confirm popup includes “Yes” and “No” button	
3.	Admin	Click “Yes” button	
4.	System	Hide popup and change store’s status of blocking	
5.	System	Store is blocked or unblocked	
Alternative Flows:			
AT1	At step 1, if admin click “View store’s details”		

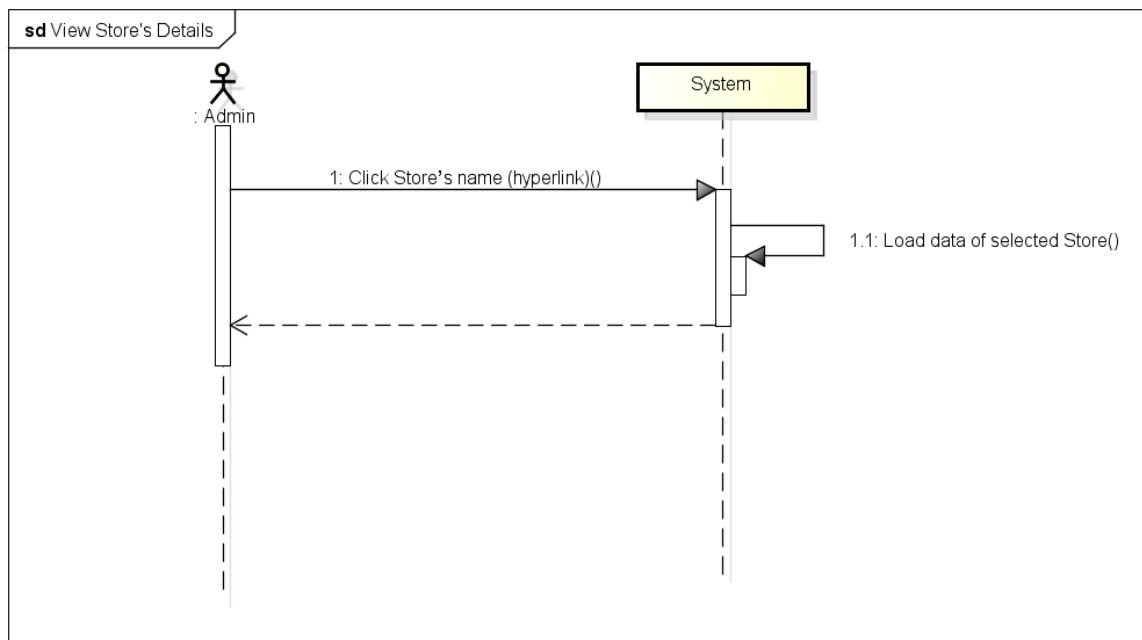
Step	Actor	Action
1	Admin	Click Store's name in row (hyperlink)
2	System	Display "View Store's details" screen
3	Admin	Click "Block" ("Unblock") button below avatar
4	System	Go to step 2 of main flow and continue
Exceptions:		
EC1	At step 2, Admin click on "No" button	
Step	Actor	Action
2.1	System	Close popup
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: N/A		



UC- 109: View Store's details

Use Case ID:	UC-109		
Use Case Name:	View Store's details		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	24/09/2015
Actor:	Admin		
Description:	Admin wants to view all information of a Store		
Triggering Event:	Admin views details of a Store		
Preconditions:	Admin is in view store's list page (refer case UC-107)		
Post conditions:	Details of Store are displayed		
Priority:	Normal		
Frequency of Use:	Sometime		

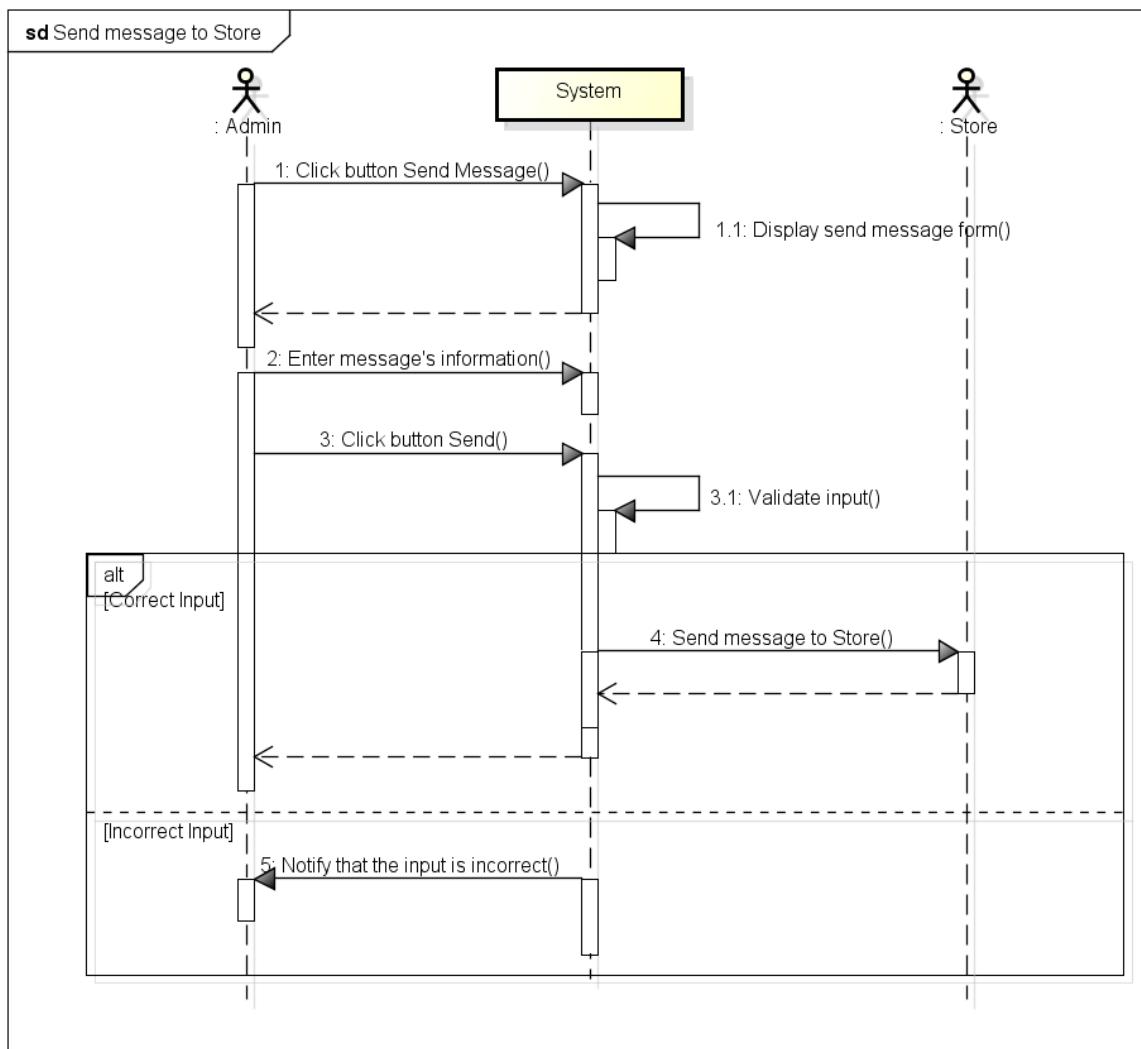
Main flow		
Step	Actor	Action
1.	Admin	Click Store's name in row (hyperlink)
2.	System	Load data of selected Store and display "View Store's details" screen includes store's details
Alternative Flows:	N/A	
Exceptions:	N/A	
Includes:	N/A	
Special Requirements:	N/A	
Notes and Issues:	N/A	



UC- 110: Send message to Store

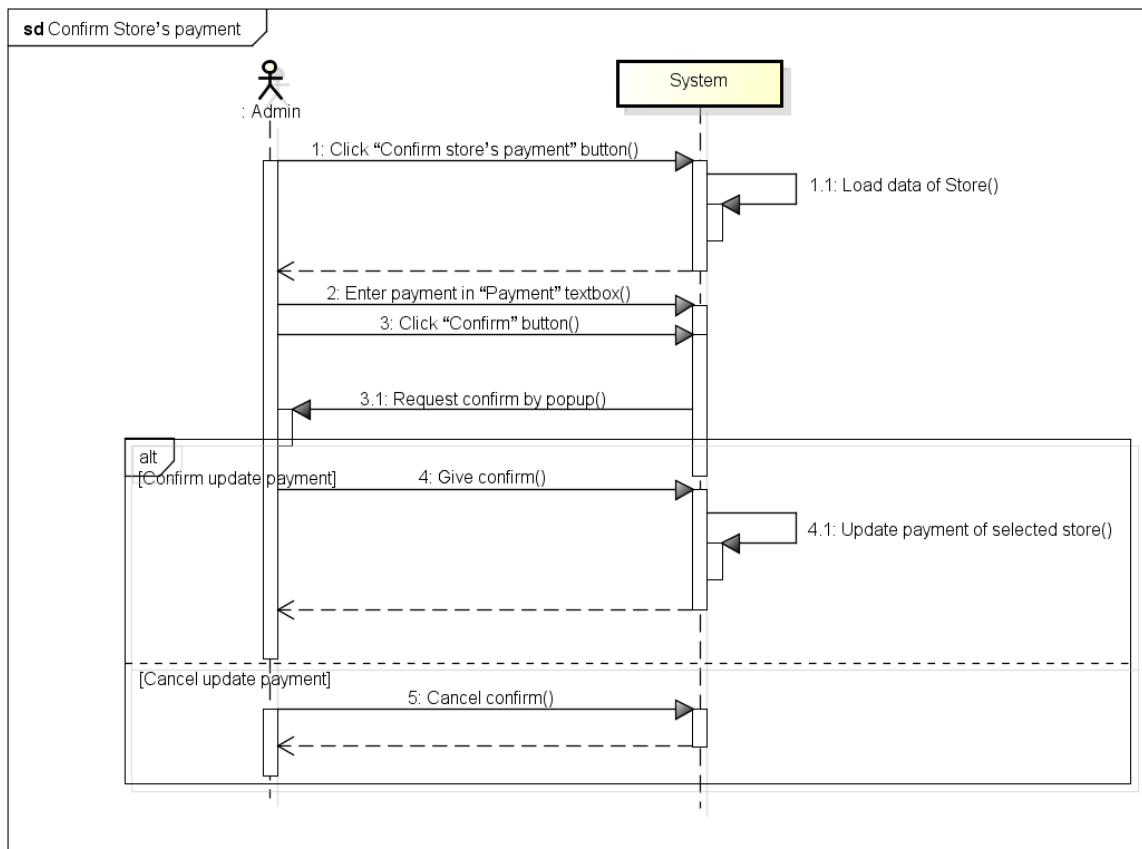
Use Case ID:	UC-110		
Use Case Name:	Send message to Store		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	Admin wants to send message to the Store to notify of something		
Triggering Event:	Admin sends message to Store		
Preconditions:	Admin is in view store's list page (refer case UC-107)		
Post conditions:	A message is sent to the Store		
Priority:	Normal		
Frequency of Use:	Sometime		
Main flow			
Step	Actor	Action	
1.	Admin	Click "Send message" button	
2.	System	Display "Send message" screen with send message form	
3.	Admin	Fill information in textbox	

4.	Admin	Click “Send” button
5.	System	Validate input
6.	System	Send this message to store
Alternative Flows:		
AT1 At step 1, if admin click “View store’s details”		
Step	Actor	Action
1	Admin	Click Store’s name in row (hyperlink)
2	System	Display “View Store’s details” screen
3	Admin	Click “Send message” button below avatar
4	System	Go to step 2 of main flow and continue
Exceptions:		
EC1	At step 5, if admin doesn’t type anything in Subject textbox or Content textbox	
Step	Actor	Action
5.1	System	Notify by error message in screen “*is require”
Includes:		N/A
Special Requirements:		<ul style="list-style-type: none"> - Message content must be longer than 20 characters - The field with ‘*’ can’t be blank
Notes and Issues:		N/A



UC- 111: Confirm Store's payment

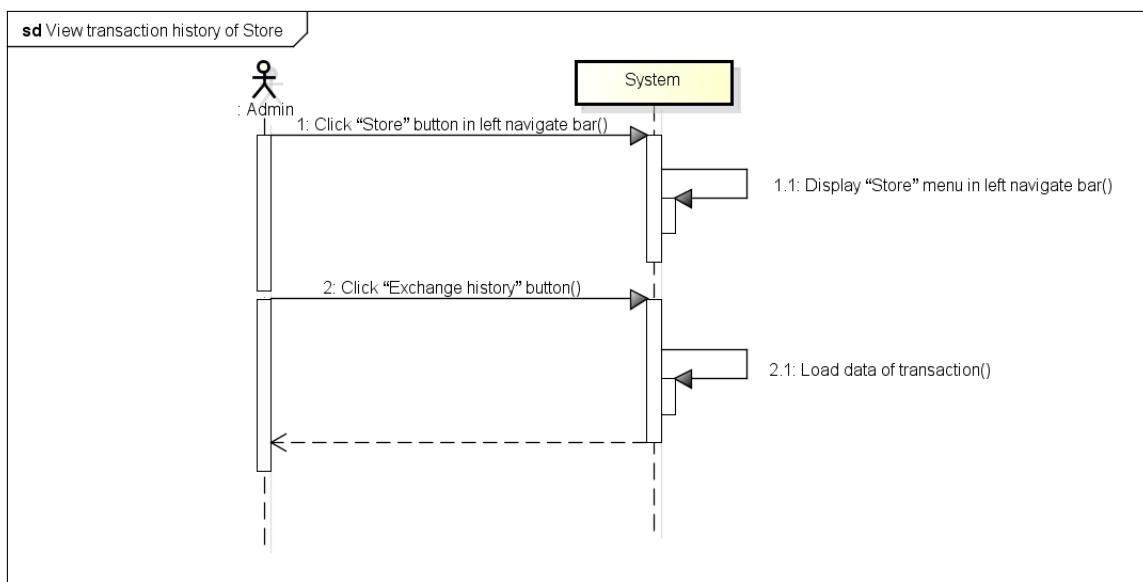
Use Case ID:	UC-111	
Use Case Name:	Confirm Store's payment	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 24/09/2015
Actor:	Admin	
Description:	After receiving and sending money to the Store, admin updates Store's payment	
Triggering Event:	Admin confirms store's payment	
Preconditions:	Admin logged in to system	
Post conditions:	Payment of this store is updated in database	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
1.	Admin	Click "Store" button in left navigate bar
2.	System	Display "Store" menu in left navigate bar
3.	Admin	Click "Confirm store's payment" button
4.	System	Display "Confirm store's payment" popup
5.	Admin	Enter payment in "Payment" textbox
6.	Admin	Click "Confirm" button
7.	System	Give confirm by displaying confirm popup includes "Yes" and "No" button
8.	Admin	Click "Yes" button
9.	System	Update payment of this store to database
Alternative Flows:		
AT1	At step 3, if admin click "Store's list" button	
Step	Actor	Action
3	Admin	Click "Store's list" button
4	System	Display "View Store's details" screen
5	System	Display "Store's List" screen
6	Admin	Click Store's name in row (hyperlink)
7	System	Display "View Store's details" screen includes store's details
8	Admin	Click "Confirm store's payment" button
9	System	Go to step 4 of main flow
Exceptions:		
Includes:		
Special Requirements:		<ul style="list-style-type: none"> - When Admin clicks Store's name (hyperlink), some rows will be displayed below with incomplete transaction - If the payment is negative, this is payment that the system needs to pay for the Store - If the payment is positive, this is payment that the Store needs to pay for the system - Default value of textbox is 0
Notes and Issues:		



UC- 112: View transaction history of Store

Use Case ID:	UC-112	
Use Case Name:	View transaction history of Store	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 19/09/2015
Actor:	Admin	
Description:	Admin wants to view transaction history of Store	
Triggering Event:	Admin views transaction history of Store	
Preconditions:	Admin logged in to system	
Post conditions:	List of transaction history of Store is displayed	
Priority:	Normal	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Admin	Click "Store" button in left navigate bar
2.	System	Display "Store" menu in left navigate bar
3.	Admin	Click "Transaction history" button
4.	System	Load data of transaction and display "Transaction history" screen
Alternative Flows:		
AT1	At step 3, if admin click "Store's list" button	
Step	Actor	Action
3	Admin	Click "Store's list" button
4	System	Display "View Store's details" screen

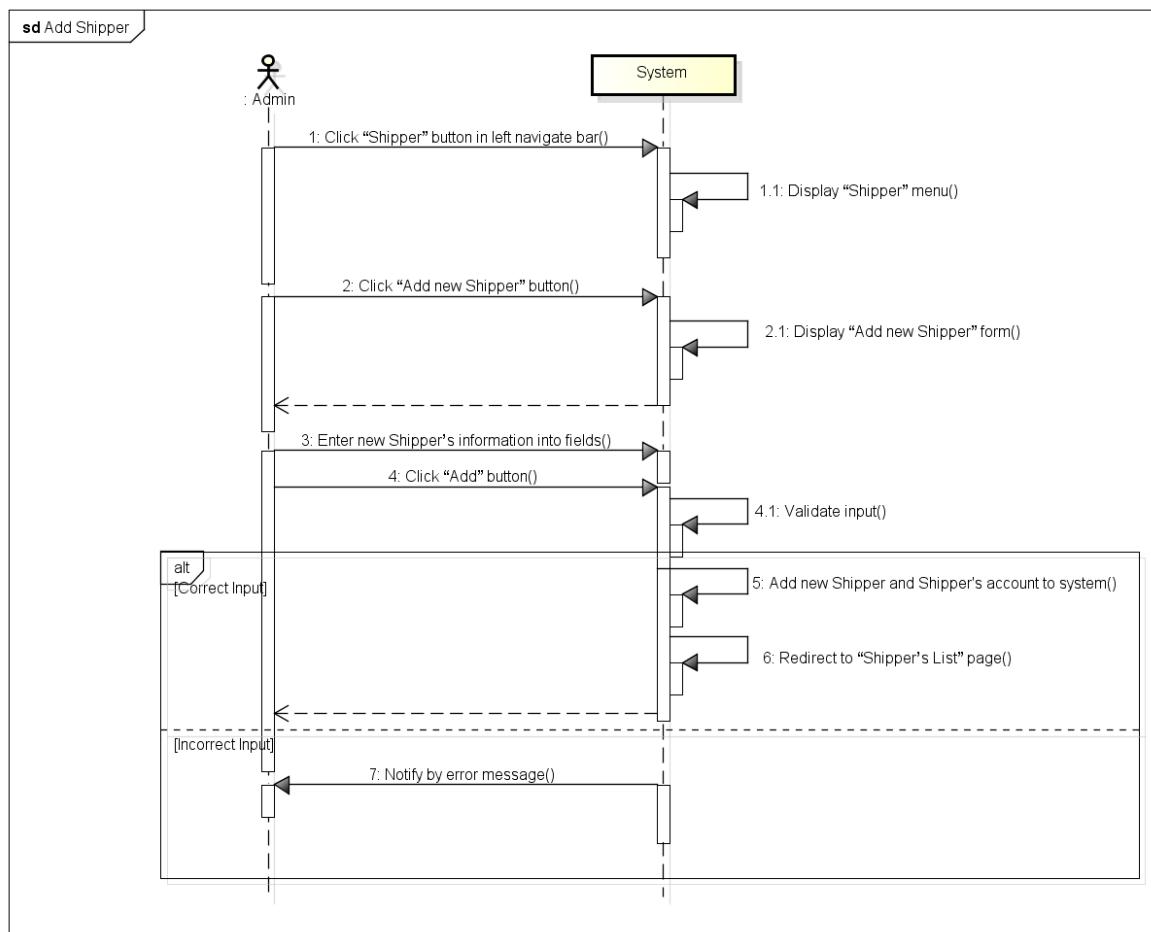
5	System	Display “Store’s List” screen
6	Admin	Click Store’s name in row (hyperlink)
7	System	Display “View Store’s details” screen includes store’s details
8	Admin	Click “Transaction history” button
9	System	Go to step 4 of main flow
Exceptions:		
Includes:		
Special Requirements:		
Notes and Issues:		



UC- 113: Add Shipper

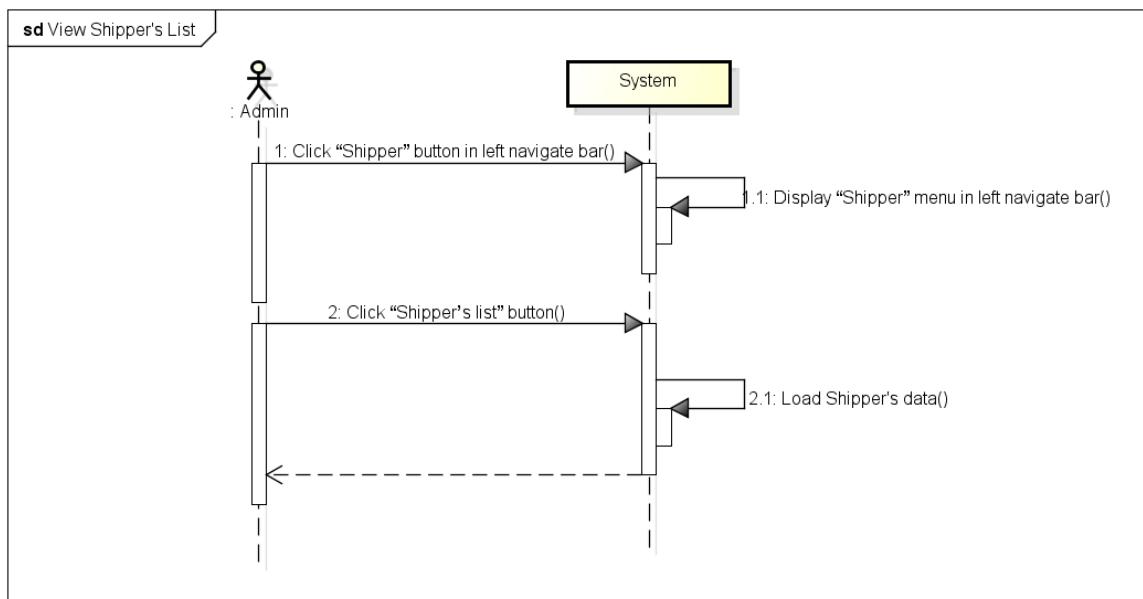
Use Case ID:	UC-113		
Use Case Name:	Add Shipper		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	New Shipper wants to join in system then Admin adds new Shipper to system with related information		
Triggering Event:	Admin adds a new Shipper to system		
Preconditions:	Admin logged in to system		
Post conditions:	New Shipper and new account for this Shipper are added to database		
Priority:	High		
Frequency of Use:	Often		
Main flow			
Step	Actor	Action	
1.	Admin	Click “Shipper” button in left navigate bar	
2.	System	Display “Shipper” menu	
3.	Admin	Click “Add new Shipper” button	
4.	System	Display “Add new Shipper” form	

5.	Admin	Enter new Shipper's information into fields
6.	Admin	Click "Add" button
7.	System	Validate input
8.	System	Add new Shipper and new account of this Shipper to database then redirect to "Shipper's List" page
Alternative Flows:		N/A
Exceptions:		
EC1	At step 7, if any required field is not entered	
Step	Actor	Action
7.1	System	Notify in screen by error message "*is require"
EC2	At step 7, if any required field is incorrect format	
Step	Actor	Action
7.1	System	Notify in screen by error message "*is incorrect format"
Includes:		N/A
Special Requirements:		<ul style="list-style-type: none"> - ShipperID will be generated automatically by system - Default account and password for new Shipper is shipperID, Shipper can change them by mobile app later - The field with '*' can't be blank
Notes and Issues:		N/A



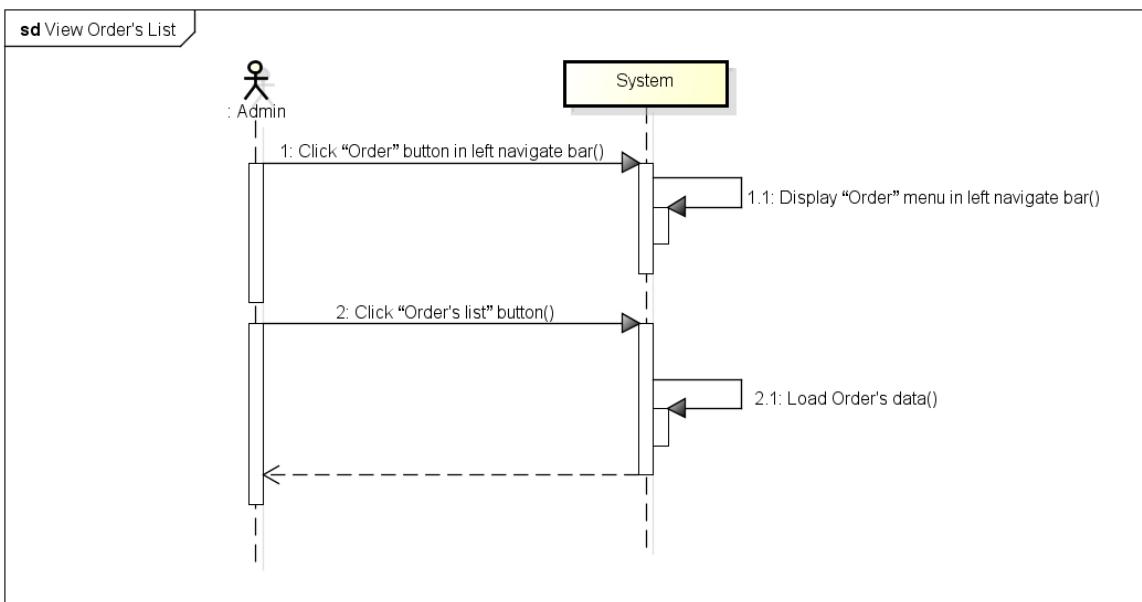
UC- 114: View Shipper's list

Use Case ID:	UC-114	
Use Case Name:	View Shipper's list	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 19/09/2015
Actor:	Admin	
Description:	Admin wants to view all Shipper	
Triggering Event:	Admin views list of Shipper	
Preconditions:	Admin logged in to system	
Post conditions:	List of shipper is displayed	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
5.	Admin	Click "Shipper" button in left navigate bar
6.	System	Display "Shipper" menu in left navigate bar
7.	Admin	Click "Shipper's list" button
8.	System	Load Shipper's data and display "Shipper's List" screen
Alternative Flows:	N/A	
Exceptions:	N/A	
Includes:	N/A	
Special Requirements:	- The default Shipper's list is ordered by Name	
Notes and Issues:	N/A	

UC- 115: View Order's list

Use Case ID:	UC-115	
Use Case Name:	View Order's list	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 19/09/2015

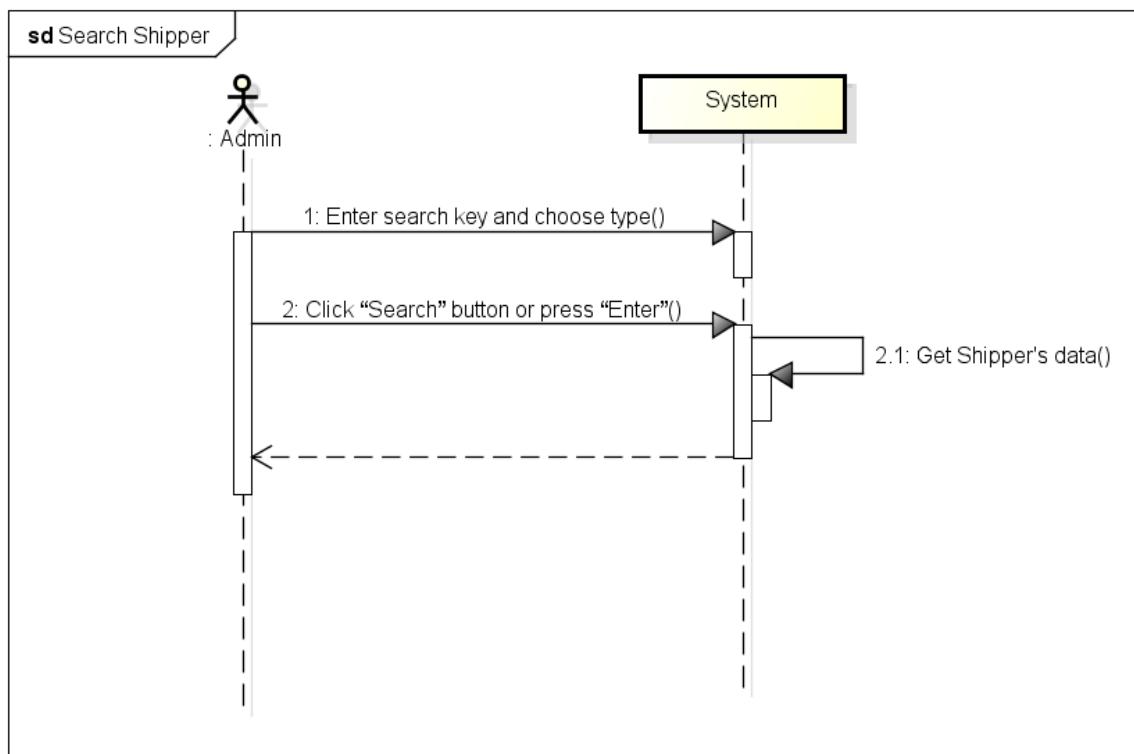
Actor:	Admin	
Description:	Admin want to view all Orders	
Triggering Event:	Admin views Order's list	
Preconditions:	Admin logged in to system	
Post conditions:	List of order is displayed	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
1.	Admin	Click "Order" button in left navigate bar
2.	System	Display "Order" menu in left navigate bar
3.	Admin	Click "Order's list" button
4.	System	Load Order's data and display "Order's List" screen
Alternative Flows:	N/A	
Exceptions:	N/A	
Includes:	N/A	
Special Requirements:	- The default Order's list is ordered by Date	
Notes and Issues:	N/A	



UC- 117: Search Shipper

Use Case ID:	UC-116	
Use Case Name:	Search Shipper	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 19/09/2015
Actor:	Admin	
Description:	Admin wants the system to list all Shippers related to a specific keyword.	
Triggering Event:	Admin searches Shipper	
Preconditions:	Admin is in view shipper's list page (refer case UC-114)	
Post conditions:	Display Shipper as result of search	

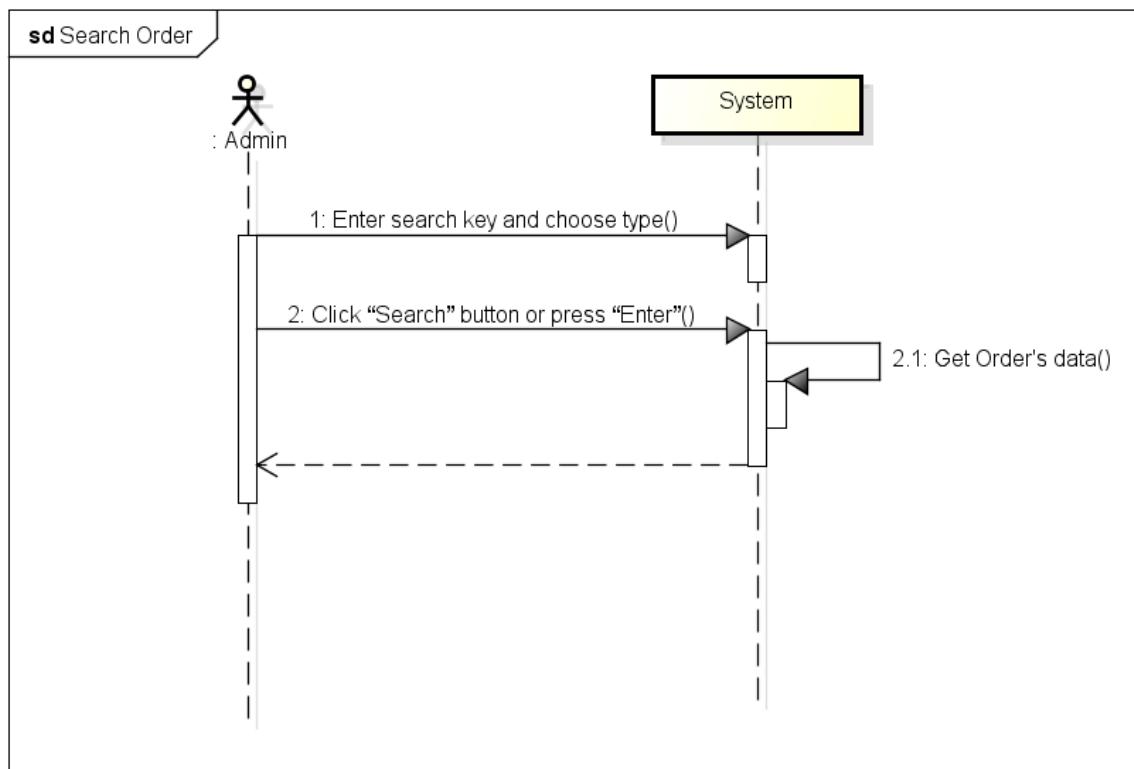
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
1.	Admin	Choose type of Shipper: Name, Address or ID
2.	Admin	Enter text to “Search” text box
3.	Admin	Click “Search” button or press “Enter”
4.	System	Get Shipper's data and display result on screen
Alternative Flows:		N/A
Exceptions:		N/A
EC1	At step 3, Admin doesn't choose any type	
Step	Actor	Action
3.1	System	Set Name is default type
Includes:		N/A
Special Requirements:		<ul style="list-style-type: none"> - Result of search is case insensitive - Types of search are Name, Address and ID
Notes and Issues:		N/A



UC- 117: Search Order

Use Case ID:	UC-117		
Use Case Name:	Search Order		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	Admin wants the system to list all Orders related to a specific keyword.		

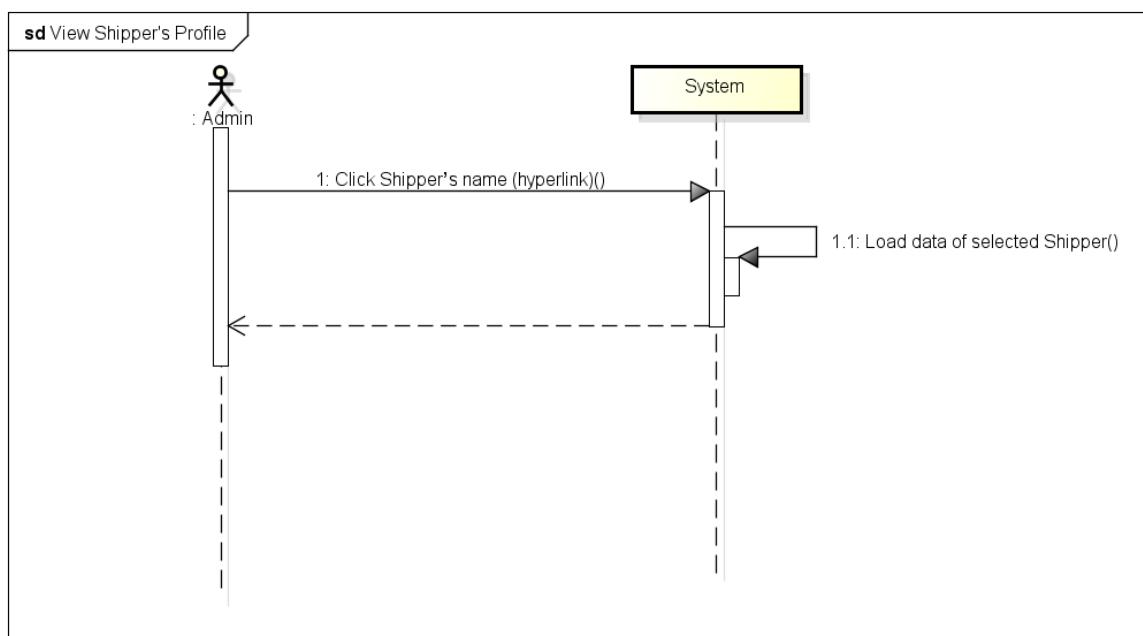
Triggering Event:	Admin searches Order	
Preconditions:	Admin is in view order's list page (refer case UC-115)	
Post conditions:	Display Order as result of search	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
1.	Admin	Choose type of Order: Type, Address, Date, Store's name or Shipper's name
2.	Admin	Enter text to "Order" text box
3.	Admin	Click "Order" button or press "Enter"
4.	System	Get Shipper's data and display result on screen
Alternative Flows:	N/A	
Exceptions:	N/A	
EC1	At step 3, Admin doesn't choose any type	
Step	Actor	Action
3.1	System	Set All is default type
Includes:	N/A	
Special Requirements:	<ul style="list-style-type: none"> - Result of search is case insensitive - Types of search are Name, Address and ID 	
Notes and Issues:	N/A	



UC- 118: View Shipper's profile

Use Case ID:	UC-118
Use Case Name:	View Shipper's profile

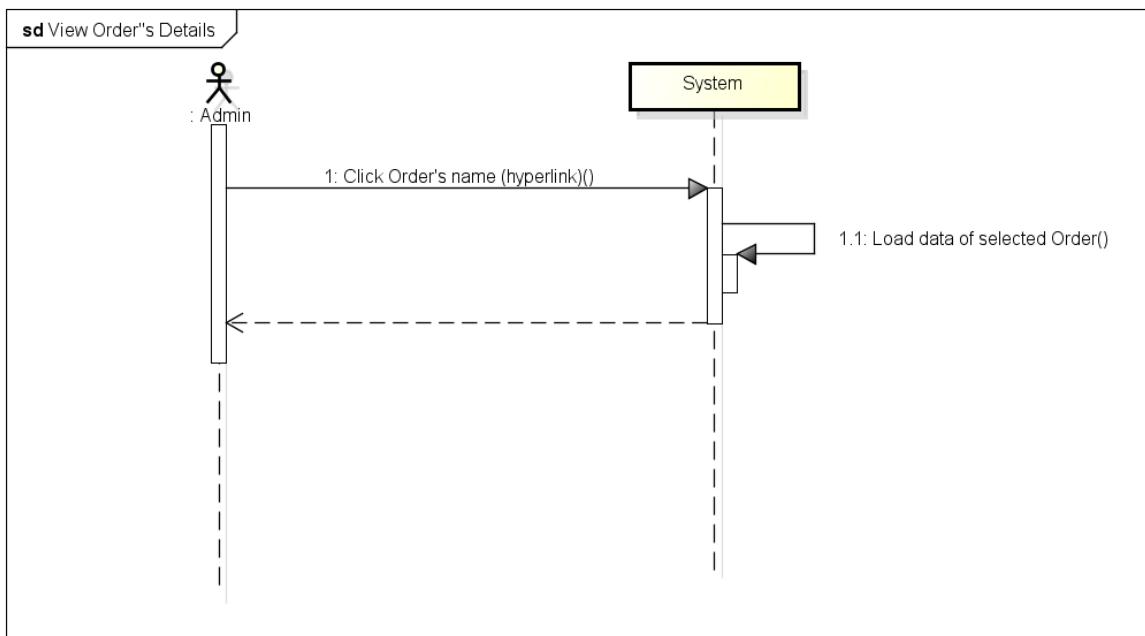
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	24/09/2015
Actor:	Admin		
Description:	Admin wants to view all information of the Shipper		
Triggering Event:	Admin views profile of a Shipper		
Preconditions:	Admin is in view shipper's list page (refer case UC-114)		
Post conditions:	Profile of Shipper is displayed		
Priority:	Normal		
Frequency of Use:	Sometime		
Main flow			
Step	Actor	Action	
1.	Admin	Click Shipper's name in row (hyperlink)	
2.	System	Load data of selected Shipper and display "View Shipper's profile" screen	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Notes and Issues:		N/A	



UC- 119: View Order's details

Use Case ID:	UC-119		
Use Case Name:	View Order's details		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	Admin wants to view all information of the Order		
Triggering Event:	Admin views details of Order		

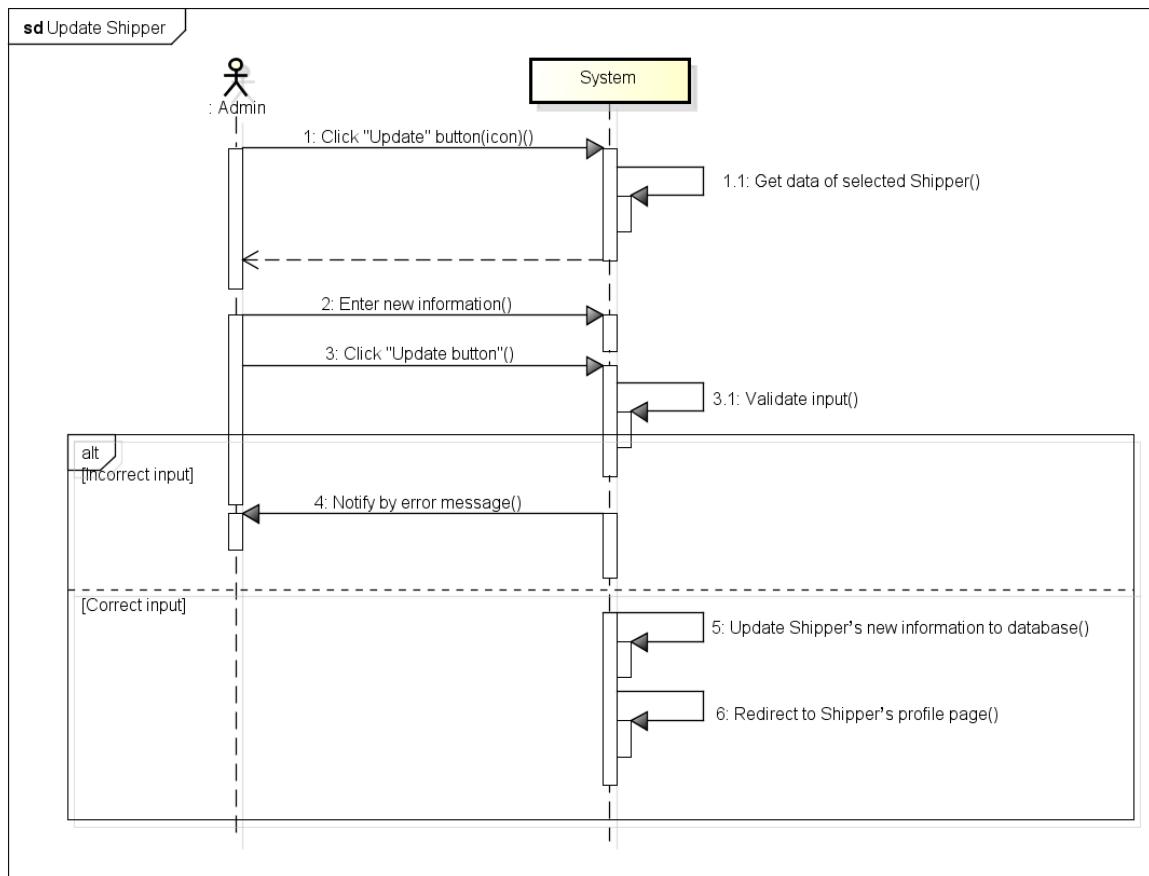
Preconditions:	Admin is in view shipper's list page (refer case UC-115)	
Post conditions:	Details of Order is displayed	
Priority:	Normal	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Admin	Click Order's name in row (hyperlink)
2.	System	Load data of selected Order and display to "View Order's details" screen
Alternative Flows: N/A		
Exceptions: N/A		
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: N/A		



UC- 120: Update Shipper

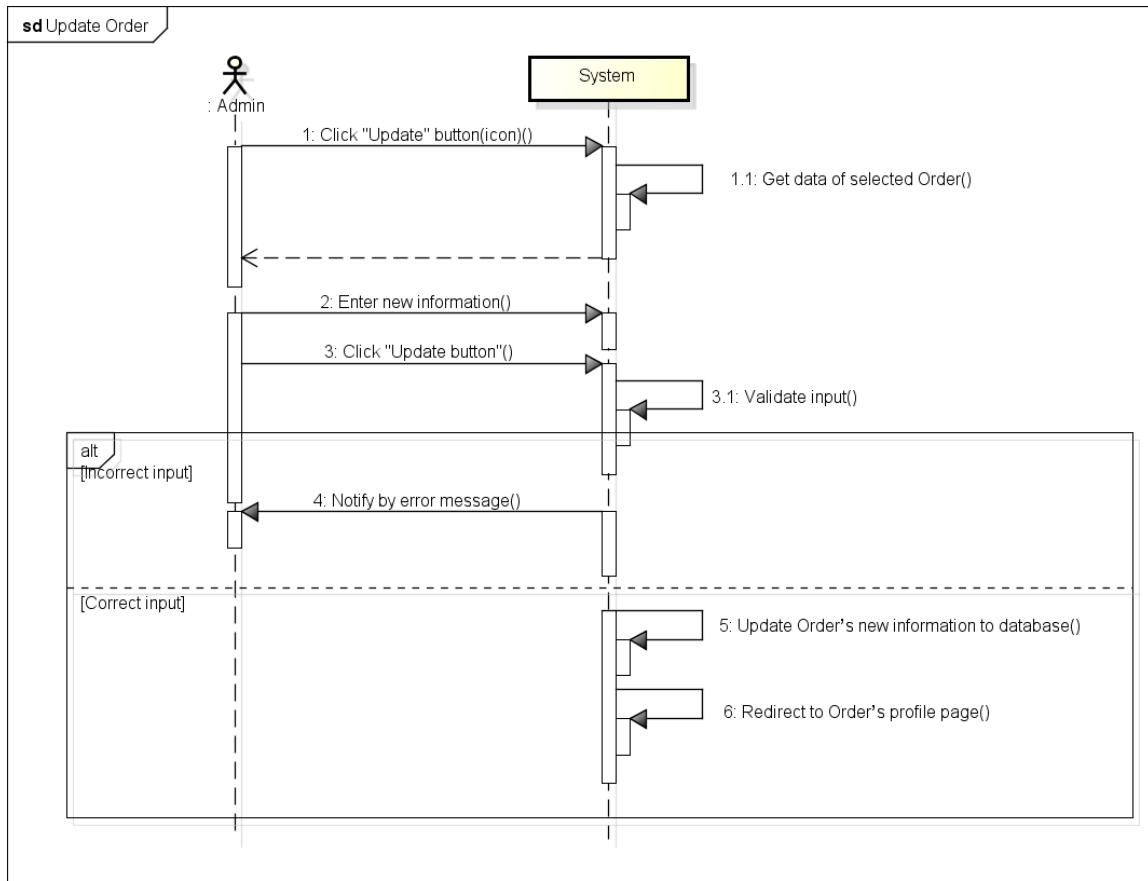
Use Case ID:	UC-120		
Use Case Name:	Update Shipper		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	Admin modifies an existed Shipper with related information		
Triggering Event:	Admin updates Shipper's information		
Preconditions:	Admin is in view shipper's list page (refer case UC-114)		
Post conditions:	Information of Shipper is updated in database		
Priority:	Normal		
Frequency of Use:	Sometime		
Main flow			

Step	Actor	Action
1.	Admin	Click "Update" button
2.	System	Get data of selected Shipper and display "Update Shipper" screen
3.	Admin	Enter new information to fields then click "Update" button
4.	System	Validate input
5.	System	Update Shipper's new information to database then redirect to Shipper's profile page
Alternative Flows:		
AT1	At step 1, if admin click "View Shipper's profile"	
Step	Actor	Action
1	Admin	Click Shipper's name in row (hyperlink)
2	System	Display "View Shipper's profile" screen
3	Admin	Click "Update" button below avatar
4	System	Go to step 6 of main flow and continue
Exceptions:		
EC1	At step 4, if any required field is not entered	
Step	Actor	Action
4.1	System	Notify by error message in screen
EC2	At step 4, if any entered field is incorrect format	
Step	Actor	Action
4.1	System	Notify by error message in screen
Includes: N/A		
Special Requirements: - The field with '*' can't be blank		
Notes and Issues: N/A		



UC- 121: Update Order

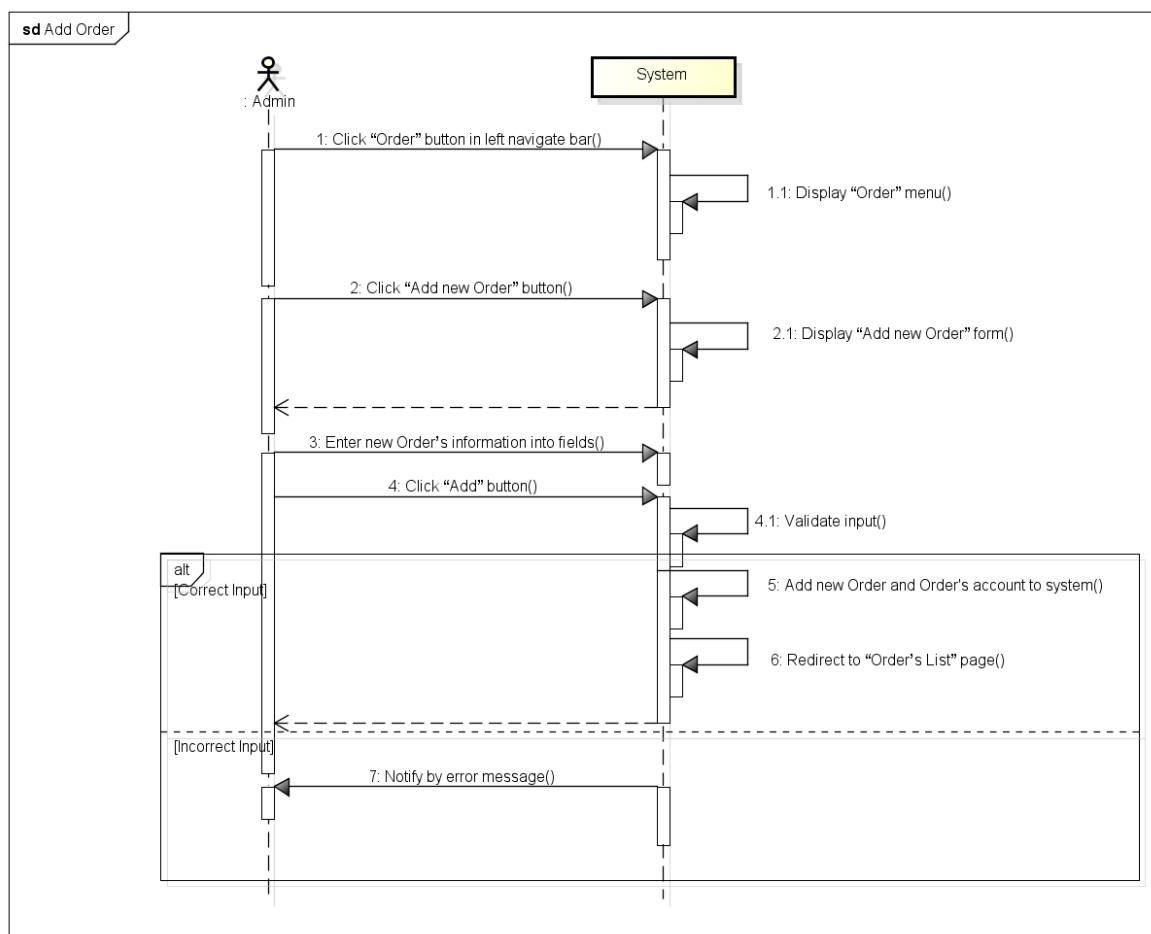
Use Case ID:	UC-121	
Use Case Name:	Update Order	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 19/09/2015
Actor:	Admin	
Description:	Admin modifies an existed Order with related information	
Triggering Event:	Admin updates Order's information	
Preconditions:	Admin is in view shipper's list page (refer case UC-115)	
Post conditions:	Information of Order is updated	
Priority:	Normal	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Admin	Click "Update" button
2.	System	Get data of selected Order and display "Update Order" screen
3.	Admin	Enter new information to fields then click "Update" button
4.	System	Validate input
5.	System	Update Order's new information to database then redirect to Order's details page
Alternative Flows:		
AT1	At step 1, if admin click "View Order's details"	
Step	Actor	Action
1	Admin	Click Order's name in row (hyperlink)
2	System	Display "View Order's details" screen
3	Admin	Click "Update" button below avatar
4	System	Go to step 6 of main flow and continue
Exceptions:		
EC1	At step 4, if any required field is not entered	
Step	Actor	Action
4.1	System	Notify by error message in screen
EC2	At step 4, if any entered field is incorrect format	
Step	Actor	Action
4.1	System	Notify by error message in screen
Includes:		
Special Requirements:		
- The field with '*' can't be blank		
Notes and Issues:		
N/A		



UC- 122: Add new Order

Use Case ID:	UC-122	
Use Case Name:	Add new Order	
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 19/09/2015
Actor:	Admin	
Description:	Admin creates new Order with related information	
Triggering Event:	Admin adds a new Order to system	
Preconditions:	Admin logged in to system	
Post conditions:	New Order is added to database	
Priority:	Low	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Admin	Click “Order” button in left navigate bar
2.	System	Display “Order” menu
3.	Admin	Click “Add new Order” button
4.	System	Display “Add new Order” form
5.	Admin	Enter new Order’s information into fields
6.	Admin	Click “Add” button to add new Order
7.	System	Validate input
8.	System	Add new Shipper to database then redirect to “Shipper’s List” page

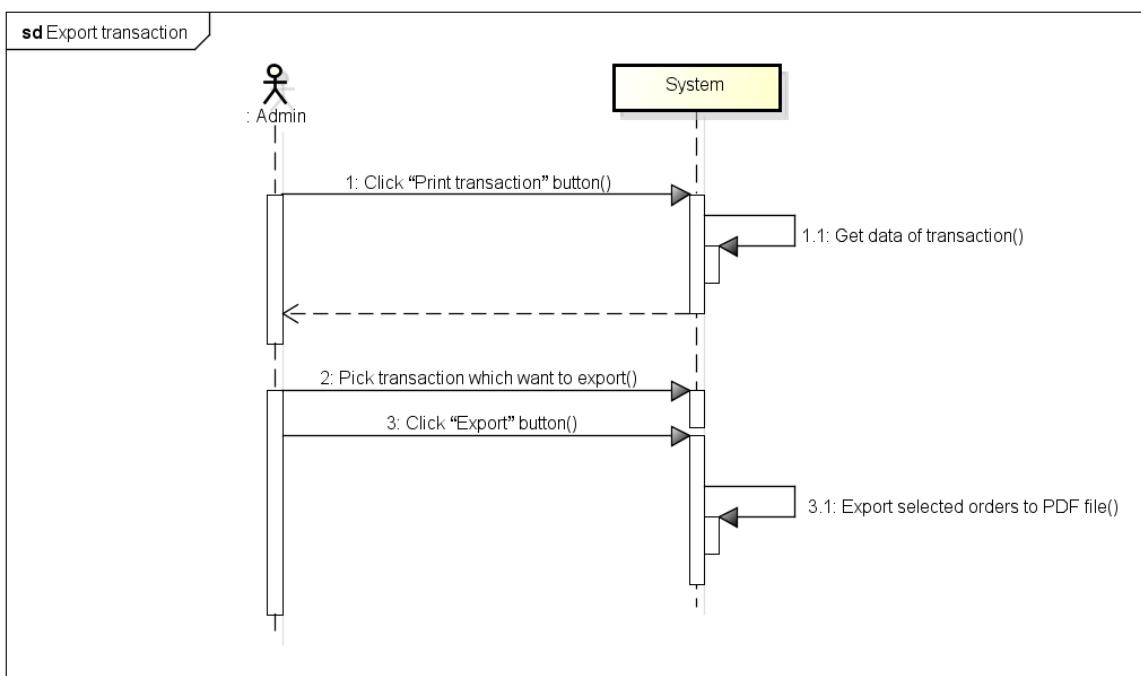
Alternative Flows:	N/A
Exceptions:	
EC1	At step 7, if any required field is not entered
Step	Actor
7.1	System
EC2	At step 8, if any entered field is incorrect format
Step	Actor
7.2	System
Includes: N/A	
Special Requirements:	
<ul style="list-style-type: none"> - When Admin enters existed Store's name, store's address and phone will be generated automatically - The field with '*' can't be blank 	
Notes and Issues:	N/A



UC- 123: Export transaction

Use Case ID:	UC-123		
Use Case Name:	Export transaction		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	Admin wants to export transactions to pdf file		

Triggering Event:	Admin exports transactions to PDF file	
Preconditions:	Admin logged in to system	
Post conditions:	An PDF file is exported	
Priority:	Medium	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Admin	Click "Print transaction" button in left navigate bar
2.	System	Display "Print transaction" screen
3.	Admin	Pick transaction which want to export then click "Export" button
4.	System	Export these orders to PDF file
Alternative Flows:		
Exceptions:		
EC1	At step 3, if Admin doesn't pick any order	
Step	Actor	Action
3.1	System	"Export" button isn't active for click
Includes:		
Special Requirements:		
- Exported file must be in pdf format		
Notes and Issues:		



UC- 124: Assign Task

Use Case ID:	UC-124		
Use Case Name:	Assign Task		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	Admin divides orders to free Shipper		

Triggering Event:	Admin assigns task for Shipper	
Preconditions:	Admin logged in to system	
Post conditions:	Task is assigned for Shipper	
Priority:	High	
Frequency of Use:	Often	
Main flow		
Step	Actor	Action
1.	Admin	Click “Shipper” button in left navigate bar
2.	System	Display “Shipper” menu in left navigate bar
3.	Admin	Click “Assign Task” button
4.	System	Get data of Order and Shipper then display “Assign Task” screen
5.	Admin	Pick a Shipper in Shipper’s list then pick Order for this Shipper in Order’s list then click “Assign” button
6.	System	Hide picked orders from Order’s list and update Shipper’s information in database
Alternative Flows:	N/A	
Exceptions:		
EC1	At step 5, if Admin doesn’t pick any order	
Step	Actor	Action
5.1	System	Order isn’t active to pick and “Assign” button isn’t active to click
EC2	At step 5, if Admin cancel a picked order	
Step	Actor	Action
5.2	System	Order is showed in order’s list
Includes:	N/A	
Special Requirements:	<ul style="list-style-type: none"> - Available Shippers are displayed in Shipper’s list - Available Orders are displayed in Order’s list 	
Notes and Issues:	N/A	

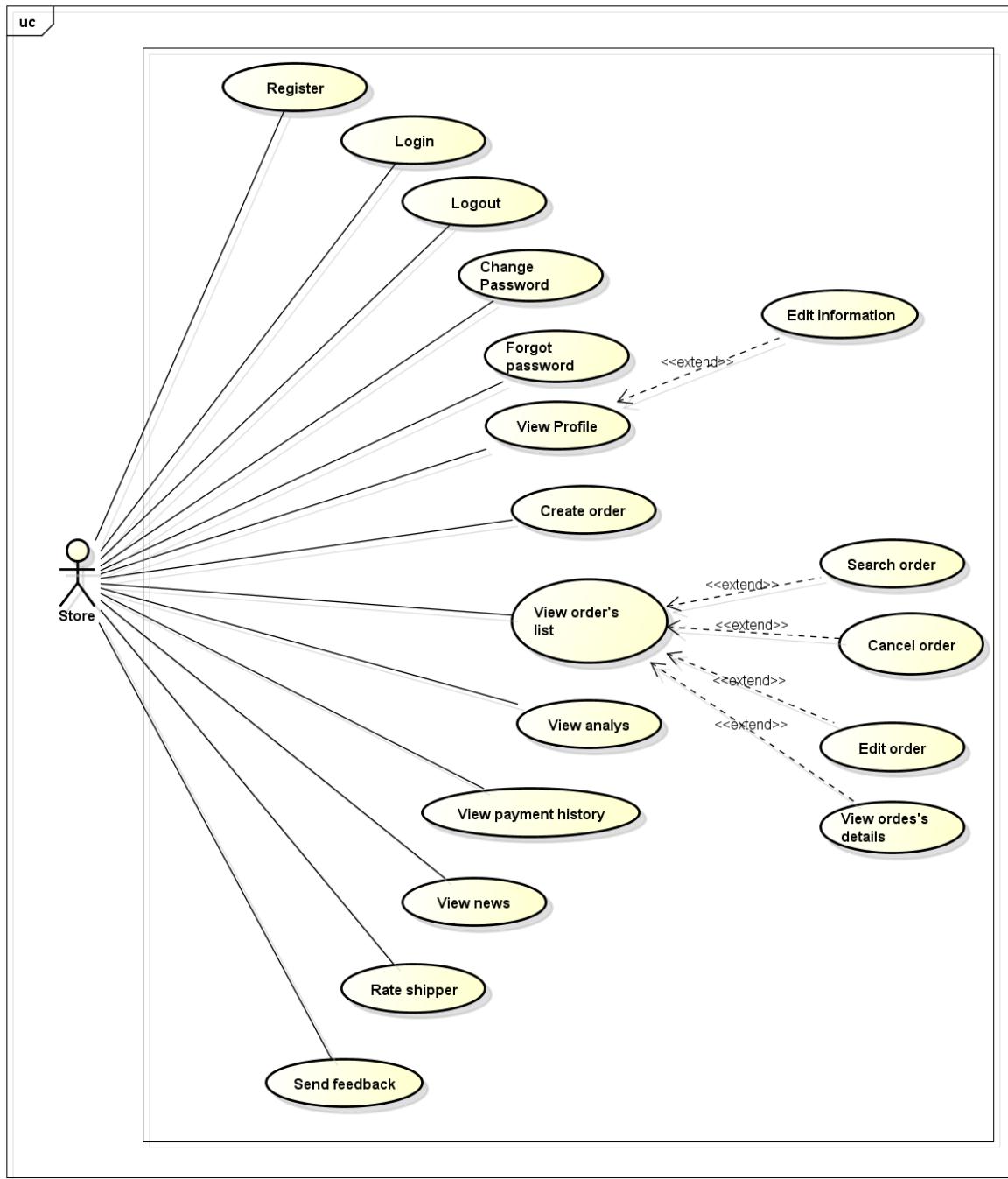
UC125 View dashboard

Use Case ID:	UC-125		
Use Case Name:	View dashboard		
Created By:	HoangNK	Last Updated By:	HoangNK
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Admin		
Description:	Admin wants to view statistics		
Triggering Event:	Admin views dashboard		
Preconditions:	Admin logged in to system		
Post conditions:	Dashboard screen with statistics is displayed		
Priority:	Normal		
Frequency of Use:	Sometime		
Main flow			
Step	Actor	Action	
1.	Admin	Click “Dashboard” button in left navigate bar	
2.	System	Display “Dashboard” screen	

Alternative Flows:	N/A
Exceptions:	N/A
Includes:	N/A
Special Requirements:	N/A
Notes and Issues:	N/A

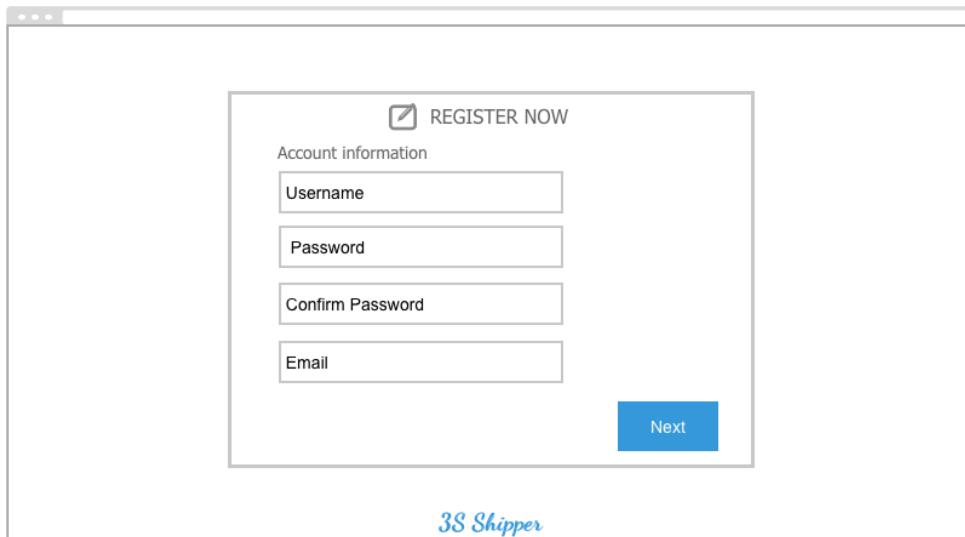
1.2. Web application for Store

1.2.1. User Case Diagram



1.2.2. Function

UC-201: Register



REGISTER NOW

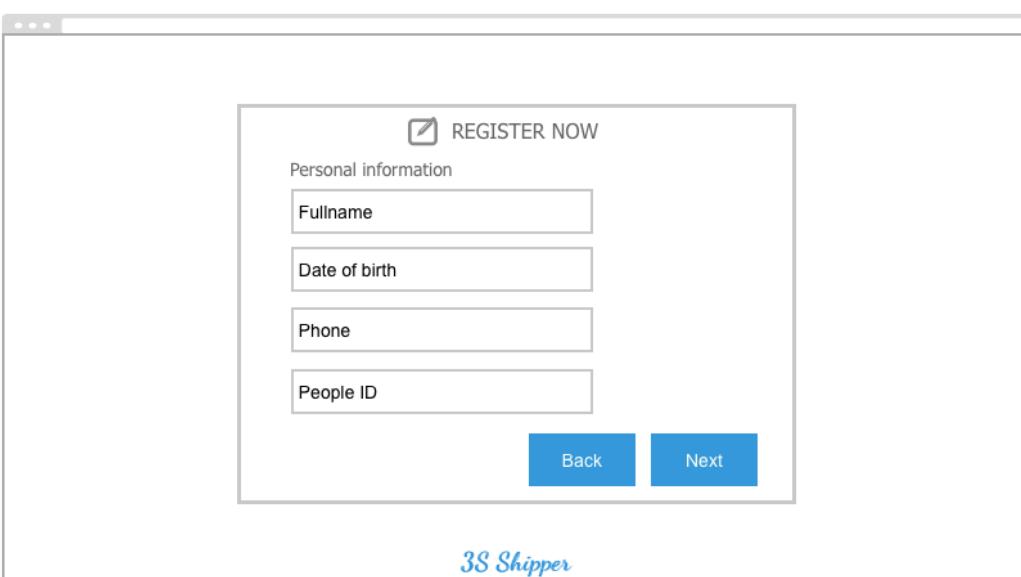
Account information

Username
Password
Confirm Password
Email

Next

3S Shipper

This screen shows the first step of the registration process, titled 'REGISTER NOW'. It is labeled 'Account information' and contains four input fields: 'Username', 'Password', 'Confirm Password', and 'Email'. A large blue 'Next' button is positioned at the bottom right.



REGISTER NOW

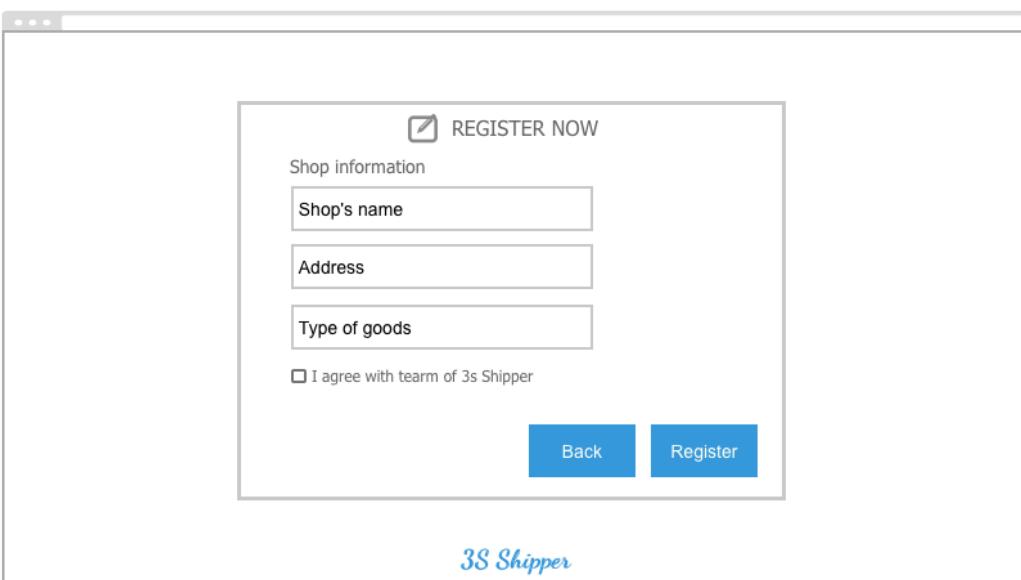
Personal information

Fullname
Date of birth
Phone
People ID

Back Next

3S Shipper

This screen shows the second step of the registration process, titled 'REGISTER NOW'. It is labeled 'Personal information' and contains four input fields: 'Fullname', 'Date of birth', 'Phone', and 'People ID'. It includes 'Back' and 'Next' navigation buttons at the bottom.



REGISTER NOW

Shop information

Shop's name
Address
Type of goods

I agree with term of 3s Shipper

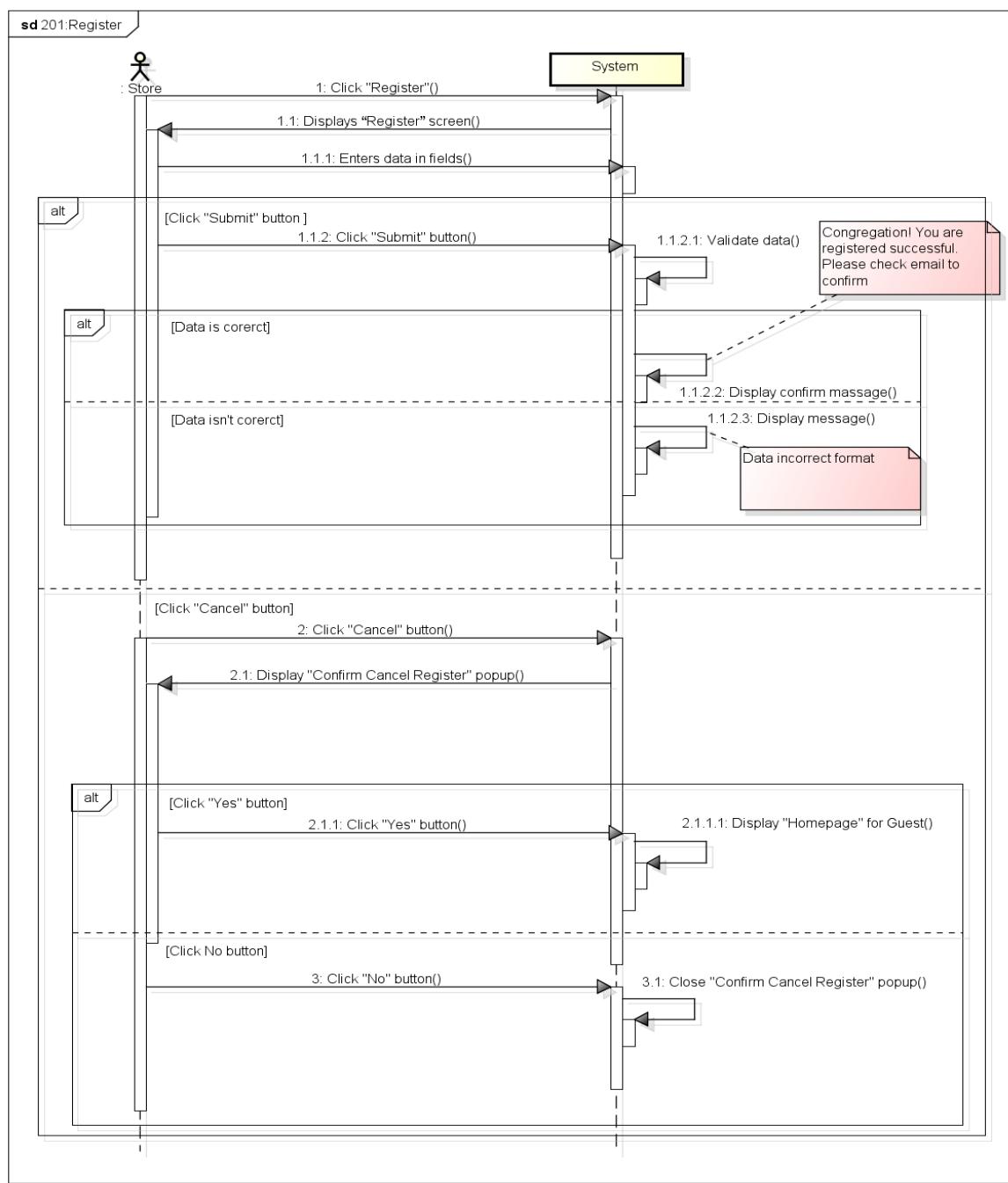
Back Register

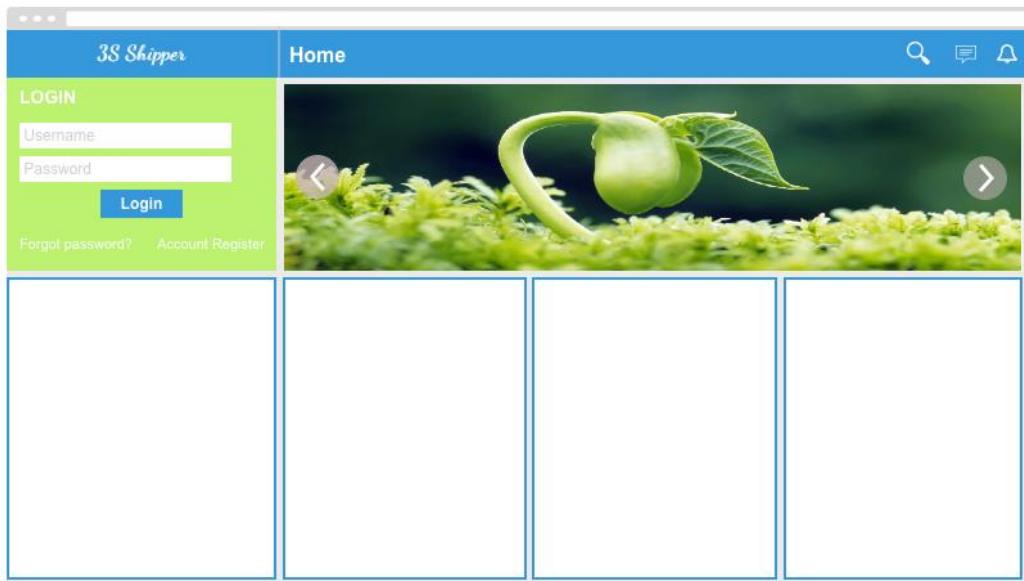
3S Shipper

This screen shows the third step of the registration process, titled 'REGISTER NOW'. It is labeled 'Shop information' and contains three input fields: 'Shop's name', 'Address', and 'Type of goods'. It includes a checkbox for agreeing to terms and 'Back' and 'Register' buttons at the bottom.

Use Case ID:	UC-201	
Use Case Name:	Register	
Created By:	KhanhKC	Last Updated By: KhanhKC
Date Created:	19/09/2015	Date Last updated: 20/09/2015
Actor:	Guest	
Description:	Visitor can creates new account to use more function as a registered Store	
Triggering event:	Guest registers a new account.	
Preconditions:	Guest on 3S website	
Post conditions:	<ul style="list-style-type: none"> - Account's information have been saved to database - Confirm email have been send to Guest 	
Priority:	Normal	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Guest	Click "Register"
2.	System	Displays "Register" screen includes: <ul style="list-style-type: none"> - User name text box - Password text box - Full name - Store name - Store address - Store's goods - Email text box - Date of Birth date picker - Phone number text box - Register button - Cancel button - Terms hyperlink.
3.	Guest	Enters data in fields
4.	Guest	Clicks "Register"
5.	System	Validate entered data.
6.	System	Sends confirm email to Guest
7.	System	Display "Confirm Registered" message.
Alternative Flows:	N/A	
Exceptions:		
EC1	At step 4, Store click "Cancel" button	
Step	Actor	Action
4.1	System	Displays "Confirm" popup
4.2	Store	Clicks "Yes" button
4.3	System	Displays "Homepage" for Guest
EC2	At step 4.2, Store click on "No" button.	
Step	Actor	Action
4.2.1	System	Closes popup.
EC3	At step 4, required fields are not entered	

Step	Actor	Action
4.1	System	Displays “Register” screen with error message “*is require”
EC4	At step 5, entered data are wrong type of data	
Step	Actor	Action
4.1	System	Displays “Register” screen with error message.
	Includes:	N/A
	Special Requirements:	<ul style="list-style-type: none"> - Username must not yet exist in database. - Length of password must between 6 and 10. - Email must be under the standard format.
	Notes and Issues:	N/A



UC-202: Login

Use Case ID:	UC-202		
Use Case Name:	Login		
Created By:	KhanhKC	Last Updated By:	KhanhKC
Date Created:	19/09/2015	Date Last Updated:	20/09/2015
Actor:	Store		
Description:	Store logins to 3S system to use functions of system.		
Triggering event:	Store logins to system.		
Preconditions:	Store on the “Homepage” of 3S website Store account must be exists		
Post conditions:	Logs Store into system Redirects Store to “Homepage” screen (Refer to UC-218: View Homepage) and display as Store		
Priority:	High		
Frequency of Use:	Sometime		

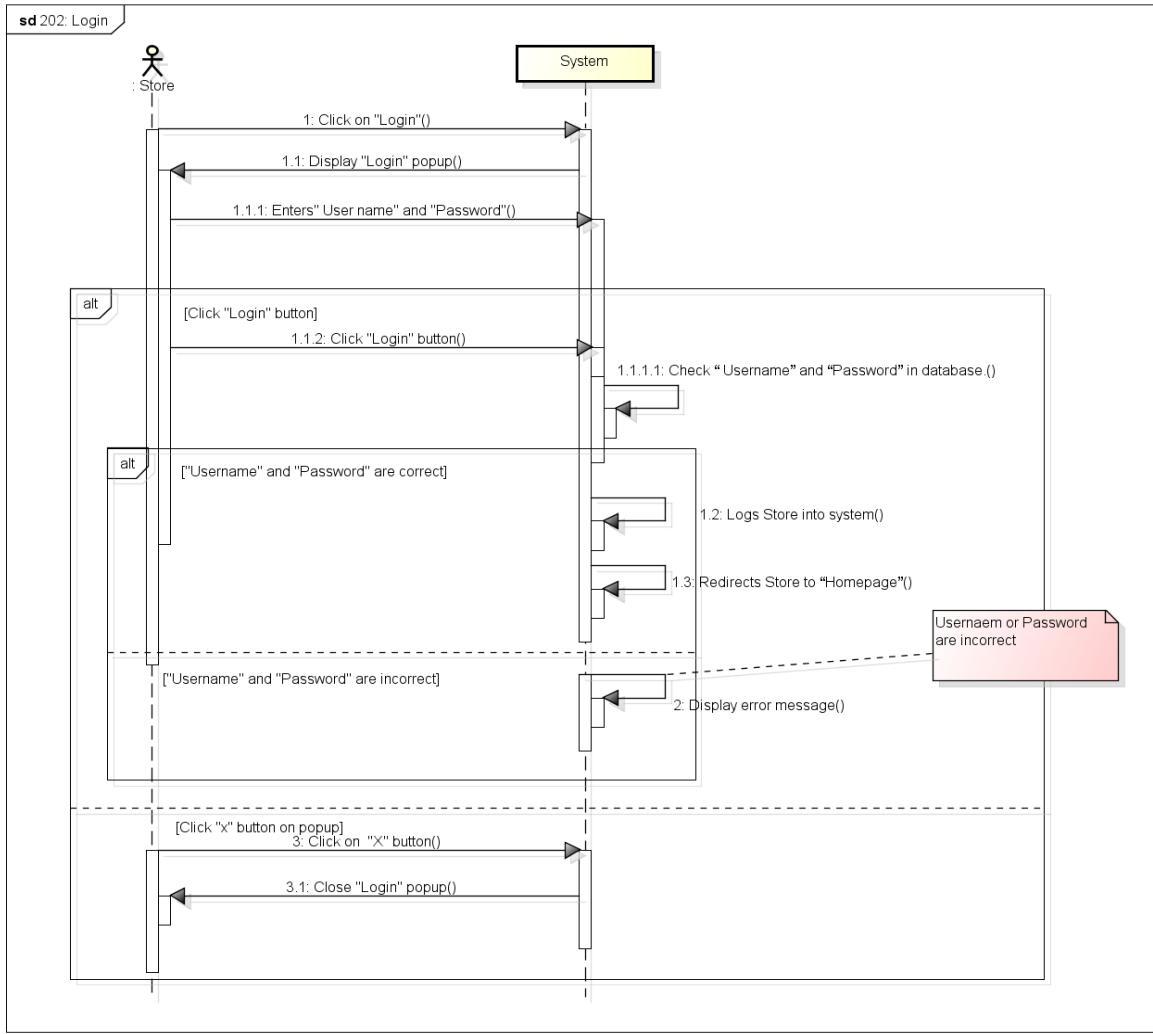
Main flow

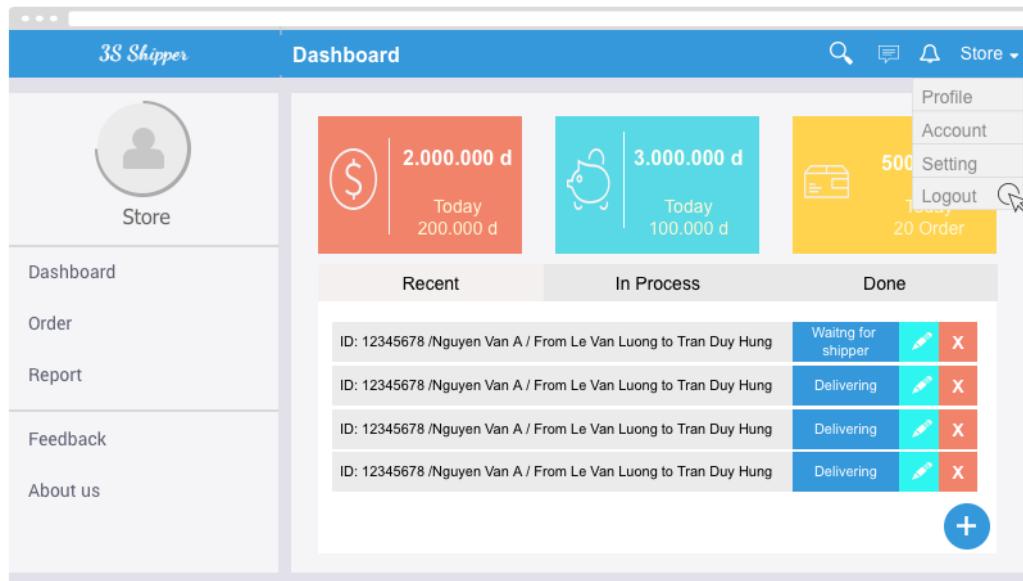
Step	Actor	Action
1.	Store	Enters User name and Password
2.	Store	Clicks “Login”
3.	System	Check “Username” and “Password” in database.
4.	System	Logs Store into system
5.	System	Redirects Store to “Homepage” screen and display as Store

Alternative:**Exceptions:**

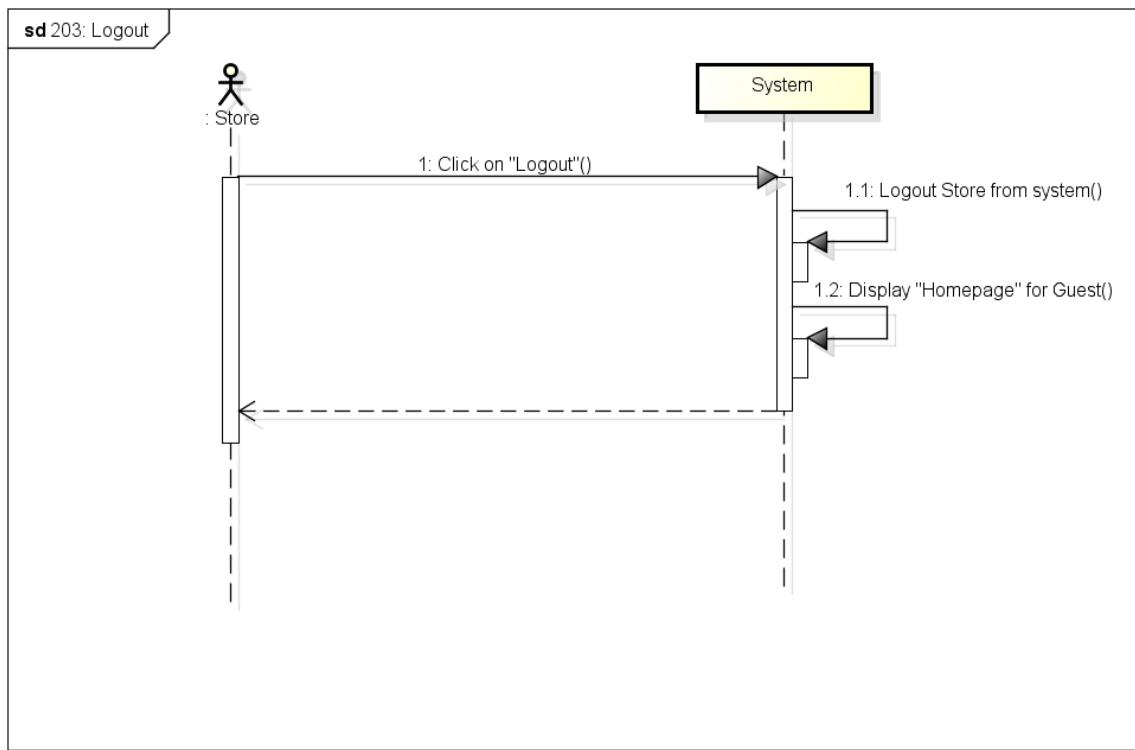
EC2	At step 4 in the main flows, if Store click other hyperlinks	
Step	Actor	Action
3.1	System	Redirects Store to chosen hyperlink

EC3	At step 4 in main flow, if Store entered wrong User name or Password	
Step	Actor	Action
3.1	System	Displays message “Username or Password is wrong”
Includes:		N/A
Special Requirements:		N/A
Notes and Issues:		N/A

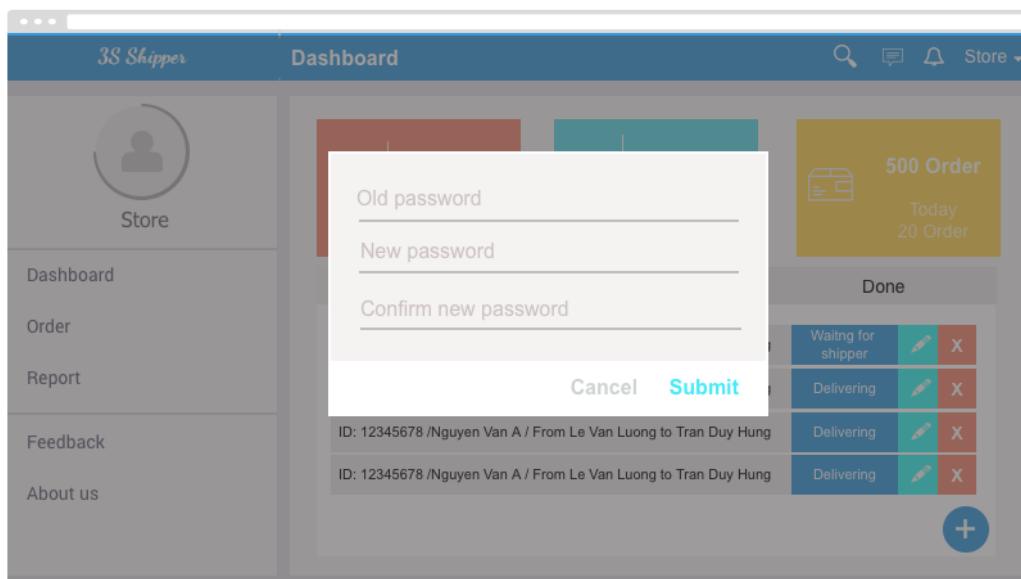


UC-203: Logout

Use Case ID:	UC-203	
Use Case Name:	Logout	
Created By:	KhanhKC	Last Updated By: KhanhKC
Date Created:	19/09/2015	Date Last updated: 20/09/2015
Actor:	Store	
Description:	When Store wants to logout their account	
Triggering event:	Store logout from system.	
Preconditions:	Store logged in to system	
Post conditions:	Log Store out from system. Redirect Store to “Login” screen	
Priority:	High	
Frequency of Use:	Often	
Main flow		
Step	Actor	Action
1.	Store	Click Logout
2.	System	Logout Store from system
3.	System	Display Homepage for Guest
Alternative Flows:		
Exceptions:	N/A	
Includes:	N/A	
Special Requirements:	N/A	
Notes and Issues:	N/A	

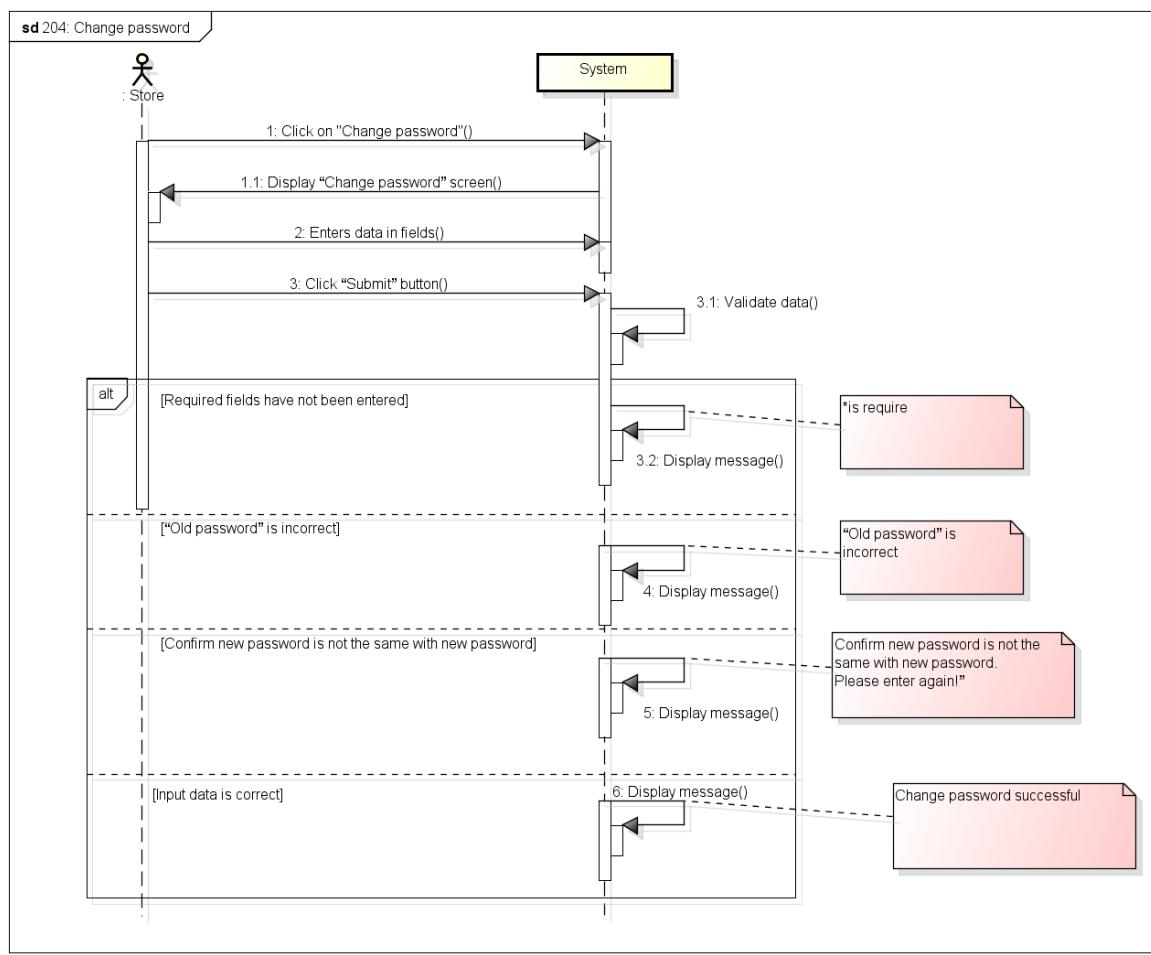


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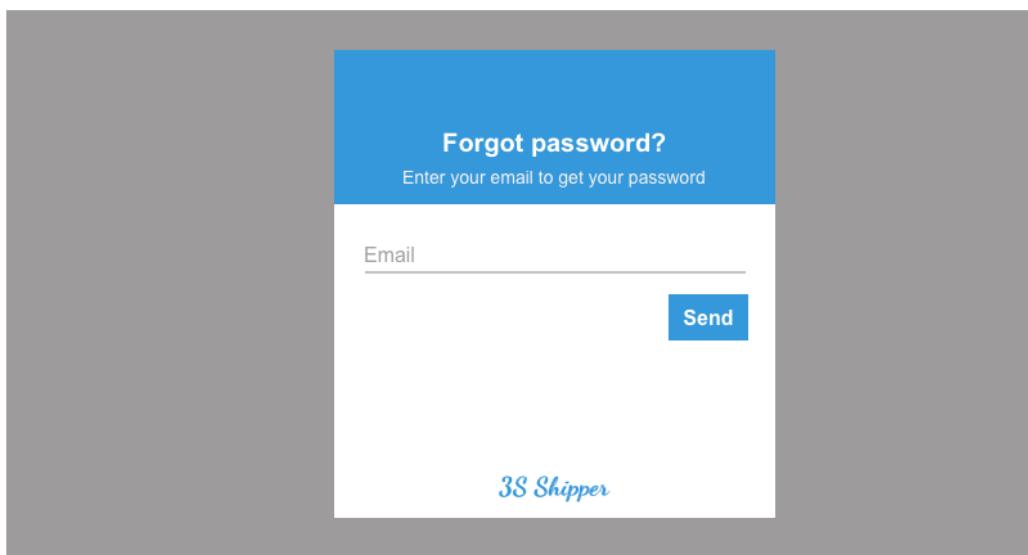
UC-204: Change password

Use Case ID:	UC-204		
Use Case Name:	Change password		
Created By:	KhanhKC	Last Updated By:	KhanhKC
Date Created:	19/09/2015	Date Last updated:	20/09/2015
Actor:	Store		
Description:	Store want to change login password.		
Triggering event:	Store change password.		
Preconditions:	Store logged in to system		
Post conditions:	New password has been saved in database.		

Priority:	High	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Store	Click “Change password”
2.	System	Display “Change password” screen includes: - Old password text box - New password text box - Confirm new password text box - Submit button
3.	Store	Enters data in fields
4.	Store	Click “Submit” button
5.	System	Validate data
6.	System	Display “Change password” screen with message “Change password successful”
Alternative Flows:		N/A
Exceptions:		
EC1	At step 2, required fields are not entered	
Step	Actor	Action
4.1	System	Display “Change password” screen with error message “*is require”
EC2	At step 2, “Old password” is incorrect	
Step	Actor	Action
4.1	System	Display “Change password” screen with error message: “Old password is incorrect”
EC3	At step 2, confirm new password is not the same with new password	
Step	Actor	Action
4.1	System	Display “Change password” screen with error message.” Confirm new password is not the same with new password. Please enter again!”
Includes:		N/A
Special Requirements:		Length of “New password” must between 6 and 10.
Notes and Issues:		N/A

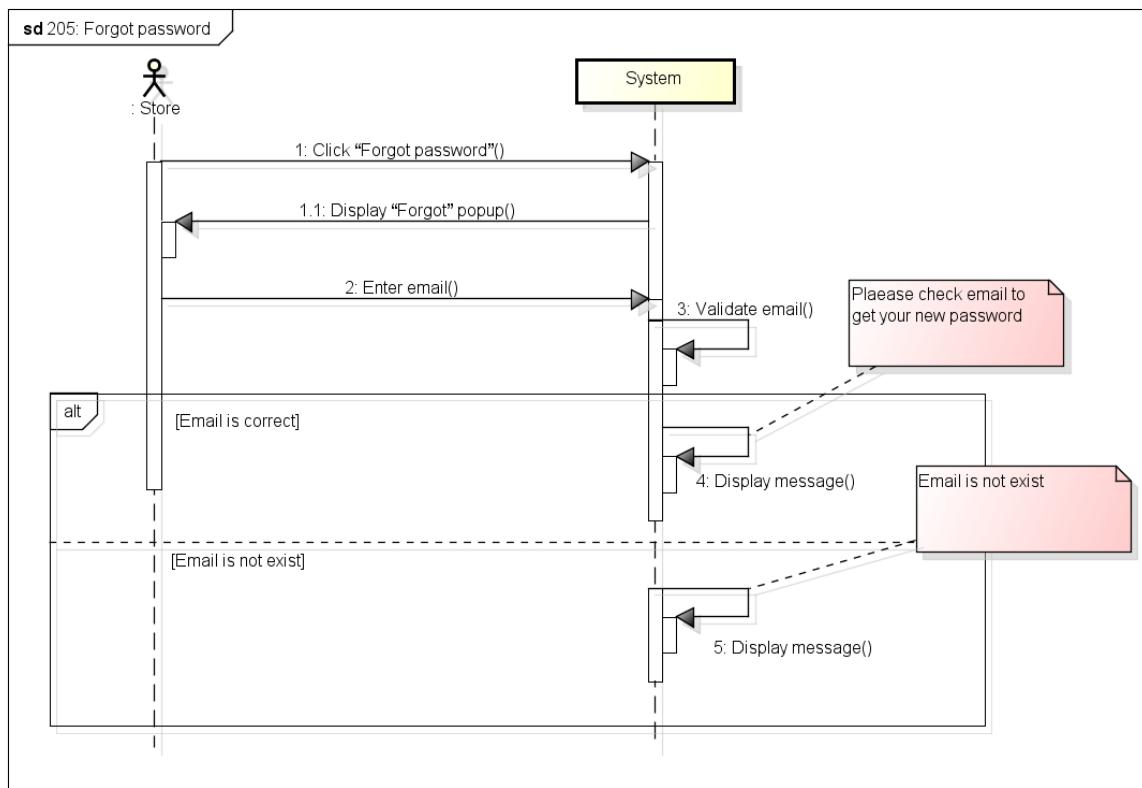


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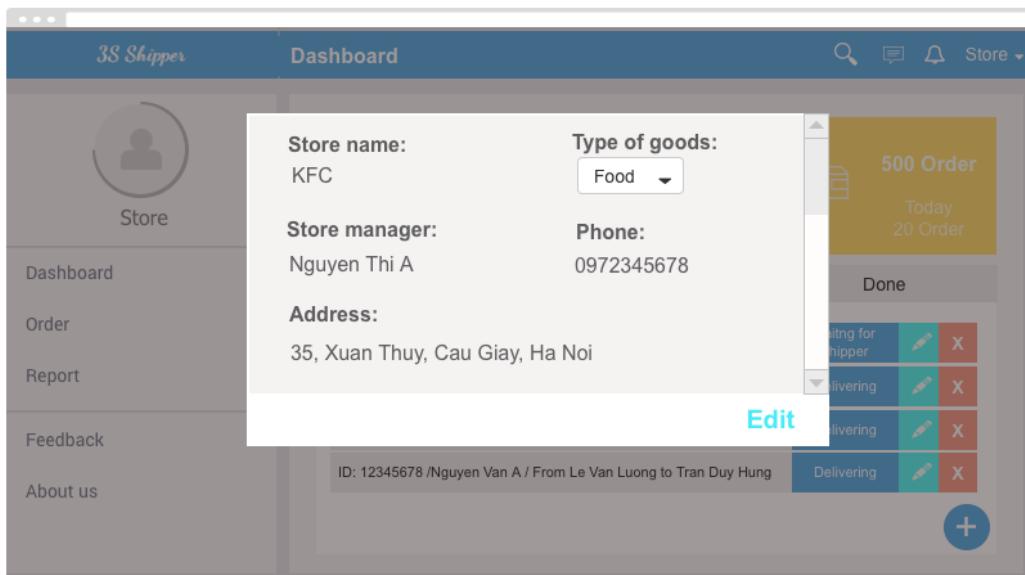
UC-205: Forgot password

Use Case ID:	UC-205		
Use Case Name:	Forgot password		
Created By:	KhanhKC	Last Updated By:	KhanhKC
Date Created:	19/09/2015	Date Last updated:	20/09/2015

Actor:	Store	
Description:	This function help store receive their login password when they forgot.	
Triggering event:	Store request system to receive new password.	
Preconditions:	Store on the “Login” popup (Refer to UC-202: Login)	
Post conditions:	<ul style="list-style-type: none"> - A new password has been updated for Store - An email has been send to registered email of Store include new password. 	
Priority:	High	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Store	Click “Forgot password” hyperlink on “Login” popup
2.	System	Display “Forgot” popup includes: <ul style="list-style-type: none"> - Email text box - Submit button
3.	Guest	Enters registered email.
4.	Guest	Click “Submit” button
5.	System	Update a new password for Store
6.	System	Send confirm email with a new password to registered email of Store
Alternative Flows: N/A		
Exceptions:		
EC1	At step 3, email are not a registered email	
Step	Actor	Actor
4.1	System	Displays error message:” Email is not exist”
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: N/A		

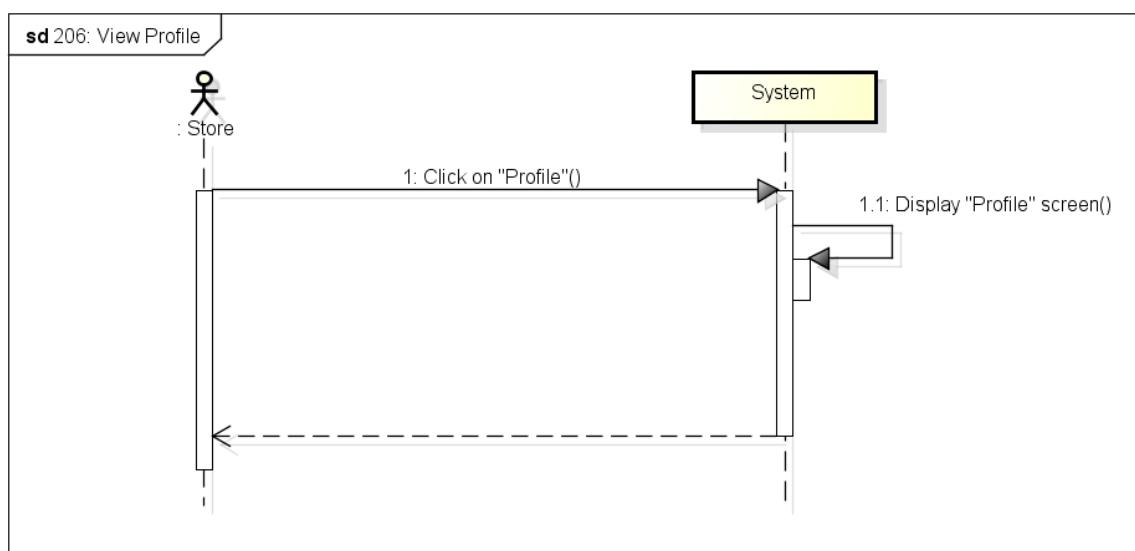


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UC-206: View profile

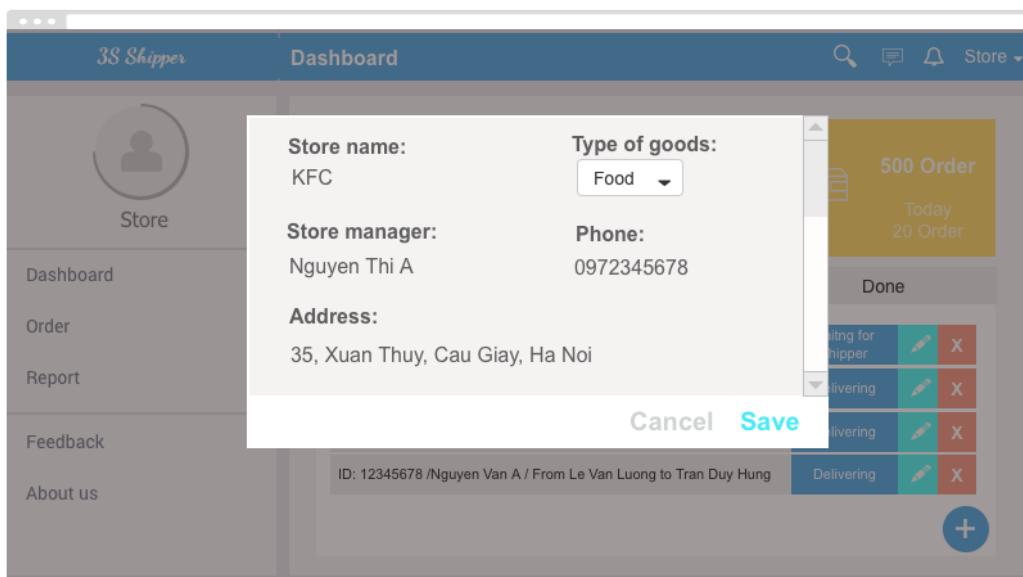
Use Case ID:	UC-206		
Use Case Name:	View profile		
Created By:	KhanhKC	Last Updated By:	KhanhKC
Date Created:	19/09/2015	Date Last updated:	20/09/2015
Actor:	Store		
Description:	Help Store view their own personal information.		
Triggering event:	Store view profile.		
Preconditions:	Store logged into system.		

Post conditions:	“Profile” screen are displayed.	
Priority:	Normal	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Store	Click on “Store name” at top-right of 3S website.
2.	System	Display “Profile” screen includes details information of Store
Alternative Flows: N/A		
Exceptions: N/A		
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: N/A		

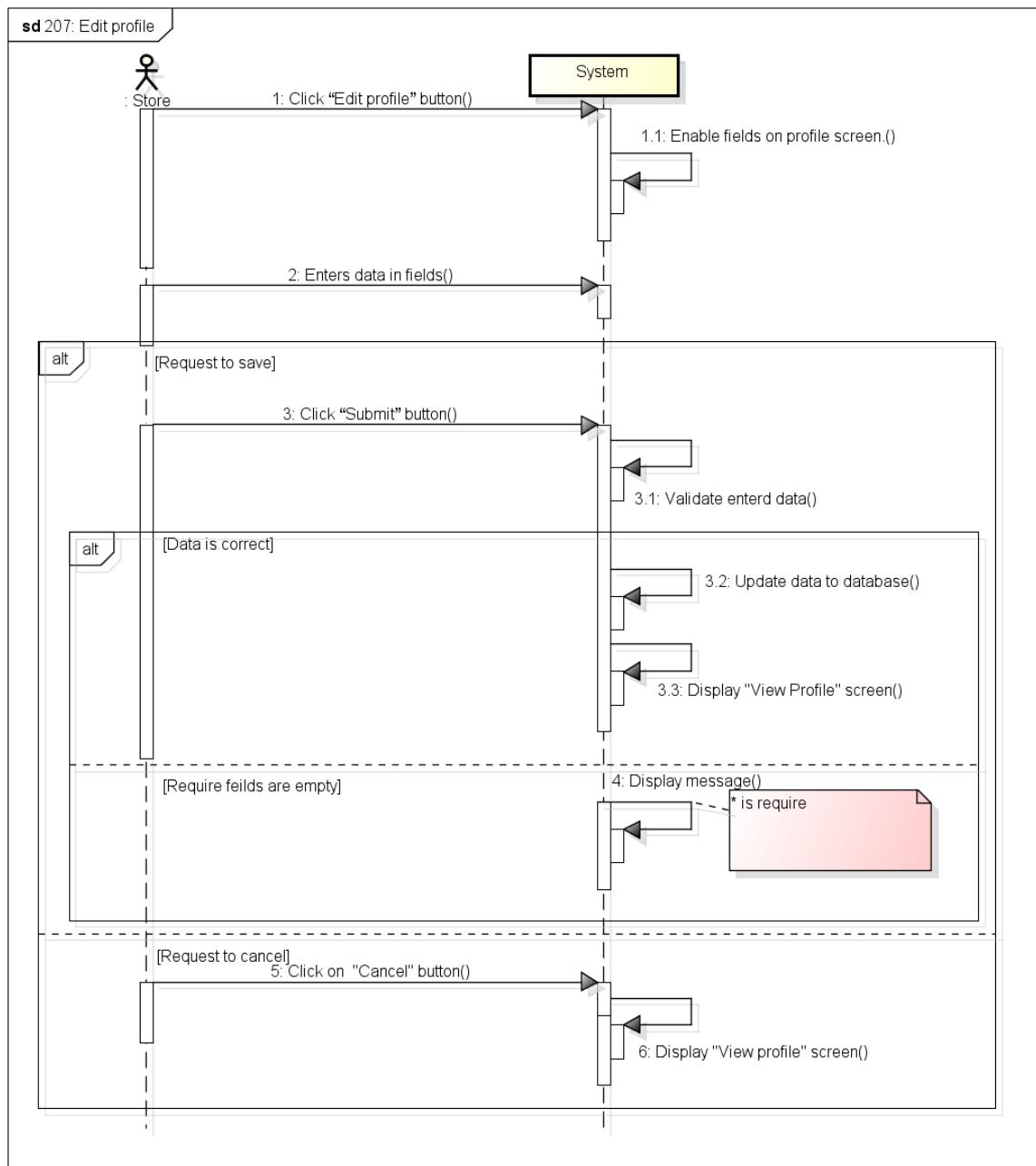


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UC-207: Edit profile



Use Case ID:	UC-207	
Use Case Name:	Edit profile	
Created By:	KhanhKC	Last Updated By: KhanhKC
Date Created:	19/09/2015	Date Last updated: 20/09/2015
Actor:	Store	
Description:	Help stores edit their own profile.	
Triggering event:	Store edit profile.	
Preconditions:	Store are on “Profile” screen	
Post conditions:	New profile have been display on “Profile screen” and saved in database.	
Priority:	Normal	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Store	Click “Edit profile” button on “Profile” screen
2.	System	Enable fields on profile screen.
3.	Store	Enters data in fields
4.	Store	Click “Submit” button
5.	System	Validate entered data.
6.	System	Update data to database
7.	System	Display “View Profile” screen. (Refer to UC-206: View Profile”)
Alternative Flows:		N/A
Exceptions:		
EC1	At step 3, require fields are empty	
Step	Actor	Action
4.1	System	Display “Edit profile” screen with error message: “* is required”
EC2	At step 4, Store click “Cancel” button	
Step	Actor	Action
4.1	System	Display “View profile” screen (Refer to UC-206: View Profile”)
Includes:		
Special Requirements:		
Notes and Issues:		



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UC-208: Create order

Use Case ID:	UC-208	
Use Case Name:	Create order	
Created By:	KhanhKC	Last Updated By: KhanhKC
Date Created:	19/09/2015	Date Last updated: 20/09/2015
Actor:	Store	
Description:	Store create order to request delivery service from system	
Triggering event:	Store create new order.	
Preconditions:	Store are logged into system.	
Post conditions:	Order information have been send to system and saved to database.	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
6.	Store	Click "Create order" button
7.	System	Display "Create order" screen includes: - "From" text box - "Pick up locations" text box - "To" text box - "Delivery address" text box - "Phone" text box - "Weight" text box - "Size" text box - "Vehicle" drop down list - "Express" checkbox - "Time delivery" text box - "Cash on delivery" check box - "Amount of money" text box - "Submit" button - "Cancel" button

8.	Store	Enters data in fields
9.	Store	Click “Submit” button
10.	System	Display “Order details” screen (Refer to UC-213: Order’s details)

Alternative Flows:

AT1 At step 3, Store check on “Express” check box.

Step Actor Action

3.1 System Disable “Time delivery” text box

Exceptions:

EC1 At step 4, required fields are empty

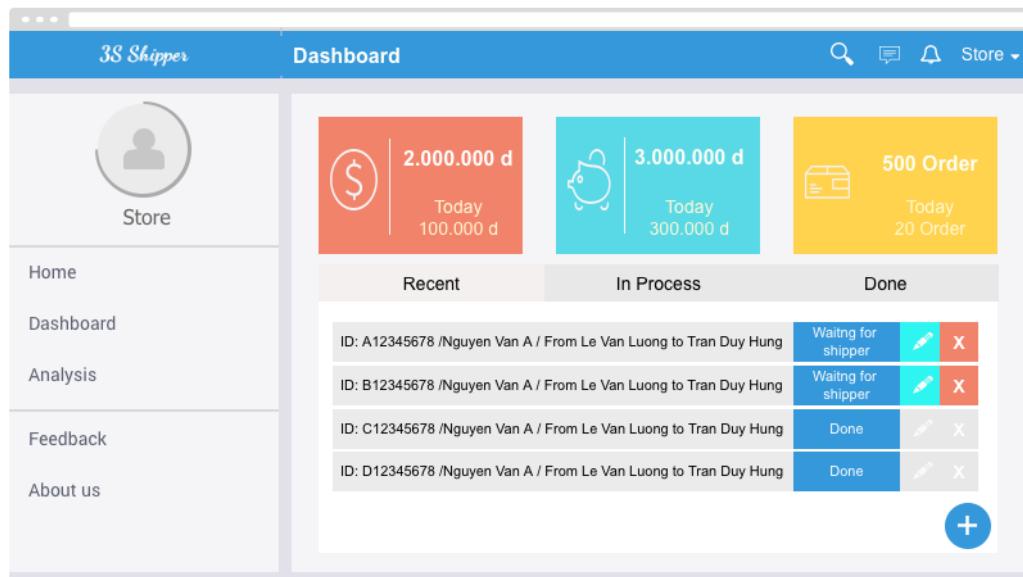
Step Actor Action

4.1 System Display Register screen with error message “*is require”

EC3 At step 4, Store click “Cancel” button

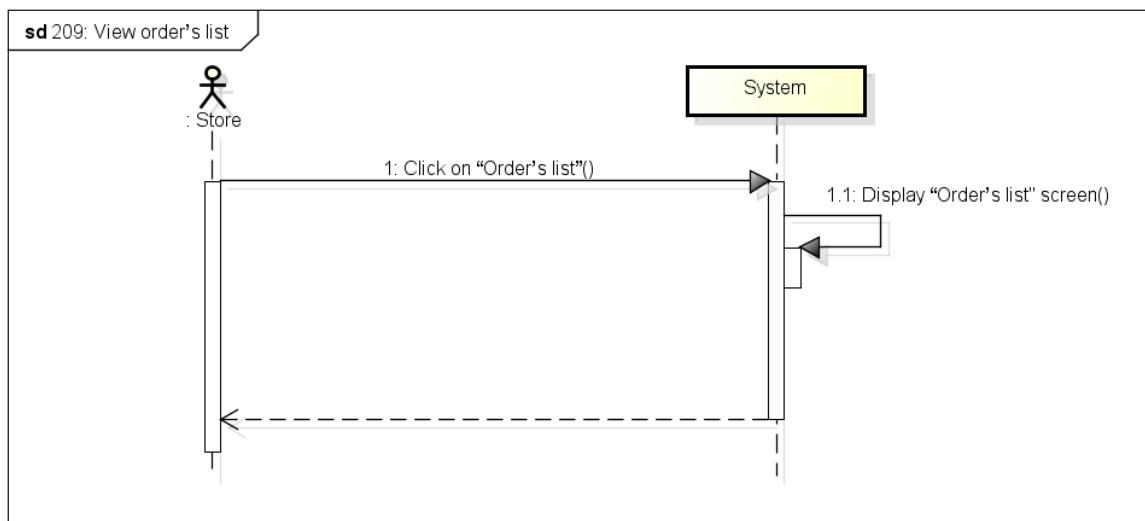
Step Actor Action

4.1 System Redirects Store to “Order’s list screen

Includes: N/A**Special Requirements:** N/A**Notes and Issues:** N/AUC-209: View order’s list

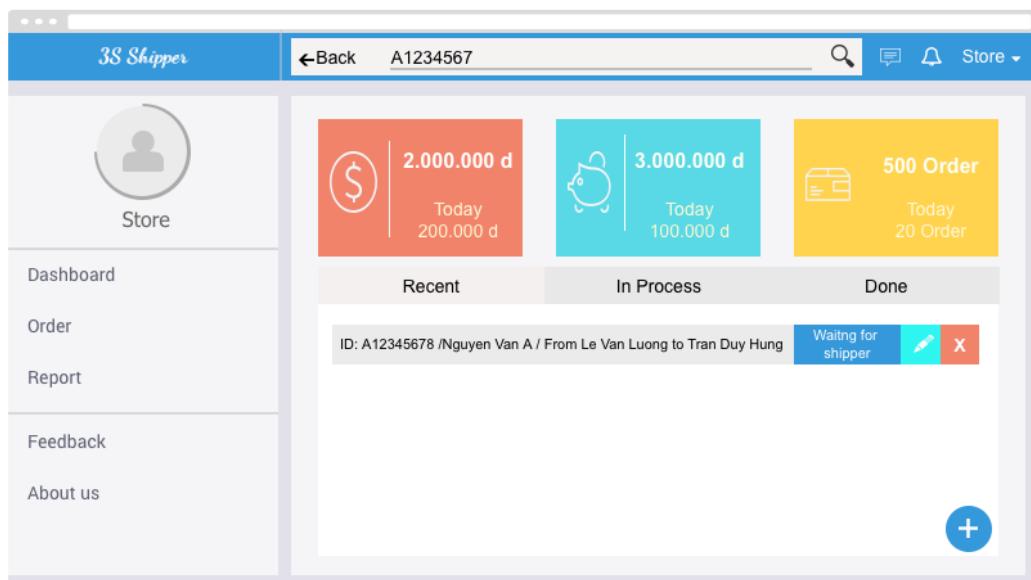
Use Case ID:	UC-209		
Use Case Name:	View order’s list		
Created By:	KhanhKC	Last Updated By:	KhanhKC
Date Created:	19/09/2015	Date Last updated:	20/09/2015
Actor:	Store		
Description:	Display list of all order created by Store.		
Triggering event:	Store view list of order.		
Preconditions:	Store logged into system.		
Post conditions:	“Order’s list” screen are displayed.		

Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
1.	Store	Click on “Order’s list” menu
2.	System	Display “Order’s list” screen
Alternative Flows: N/A		
Exceptions: N/A		
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: N/A		



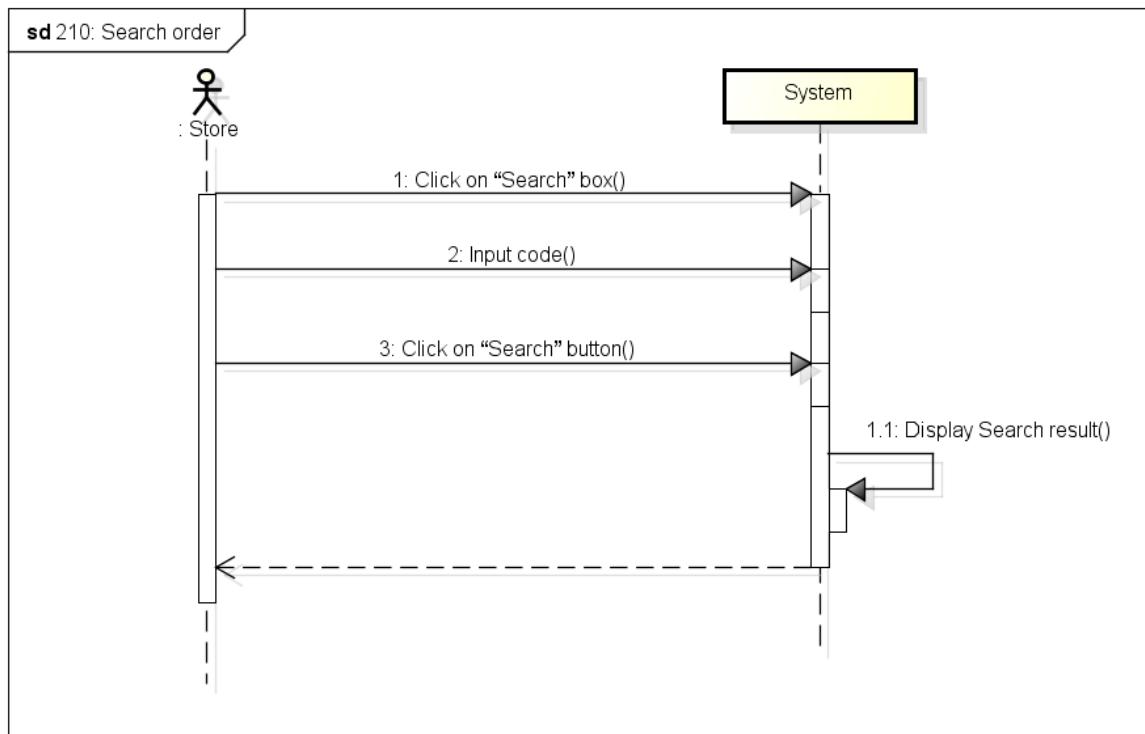
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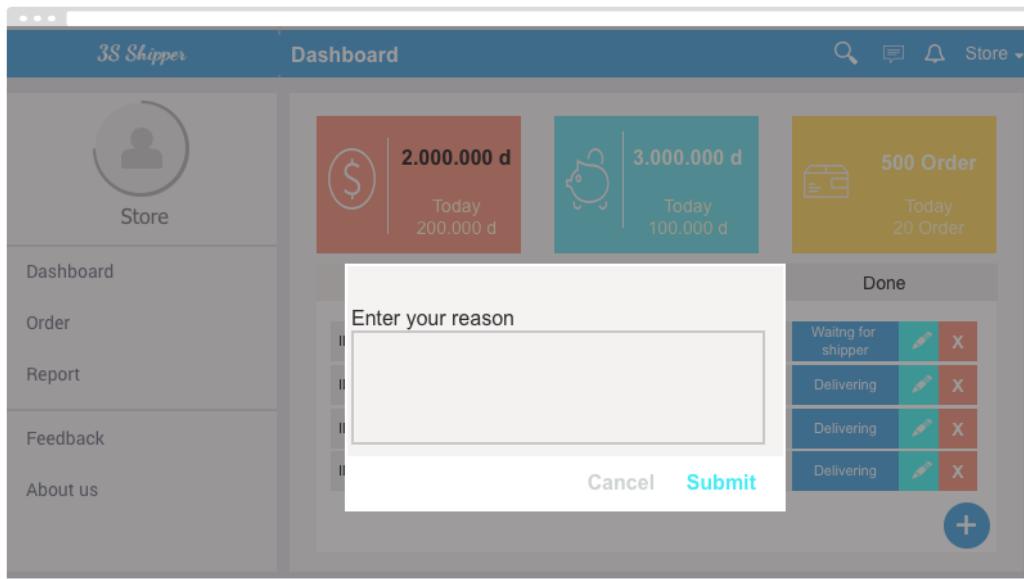
UC-210: Search orders



Use Case ID:	UC-210
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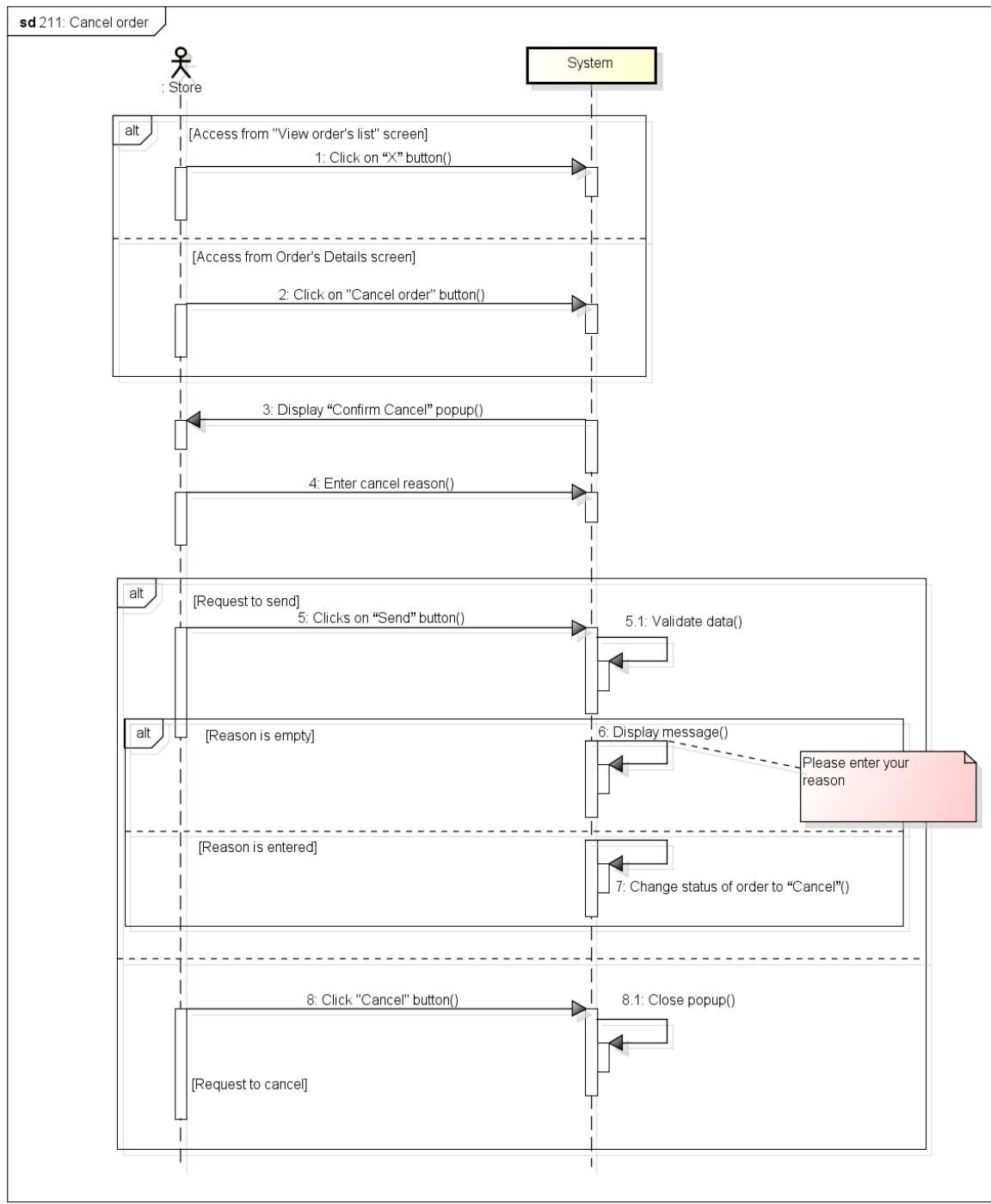
Use Case Name:	Search orders				
Created By:	KhanhKC	Last Updated By:	KhanhKC		
Date Created:	19/09/2015	Date Last updated:	20/09/2015		
Actor:	Store				
Description:	Display orders by code.				
Triggering event:	Search order				
Preconditions:	Store on “Order’s list” screen. (Refer to UC-209: View order’s list)				
Post conditions:	Searched result are displayed on screen.				
Priority:	High				
Frequency of Use:	Often				
Main flow					
Step	Actor	Action			
1.	Store	Click on “Search” button			
2.	Store	Input code			
3.	Store	Click on “Search” button			
4.	System	Display searched result on screen.			
Alternative Flows: N/A					
Exceptions: N/A					
Includes: N/A					
Special Requirements: N/A					
Notes and Issues: N/A					



UC-211: Cancel order

Use Case ID:	UC-211	
Use Case Name:	Cancel order	
Created By:	KhanhKC	Last Updated By: KhanhKC
Date Created:	19/09/2015	Date Last updated: 20/09/2015
Actor:	Store	
Description:	Help Stores cancel uncompleted orders.	
Triggering event:		
Preconditions:	Store are on “Order’s list” screen (Refer to UC-209: View order’s list)	
Post conditions:	<ul style="list-style-type: none"> - Order status has been changed to “Cancel” - Order information has been updated to database. 	
Priority:	Normal	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Store	Click “X” button on the row contain order brief information.
2.	System	Display “Confirm Cancel” popup
3.	Store	Enter cancel reason
4.	Store	Click “Submit” button
5.	System	Change status of order to “Cancel”
Alternative Flows:		N/A
Exceptions:		
EC1	At step 4, Store click “Cancel” button	
Step	Actor	Action
3.1	System	Close popup
EC1	At step 3, Store enter nothing.	
Step	Actor	Action

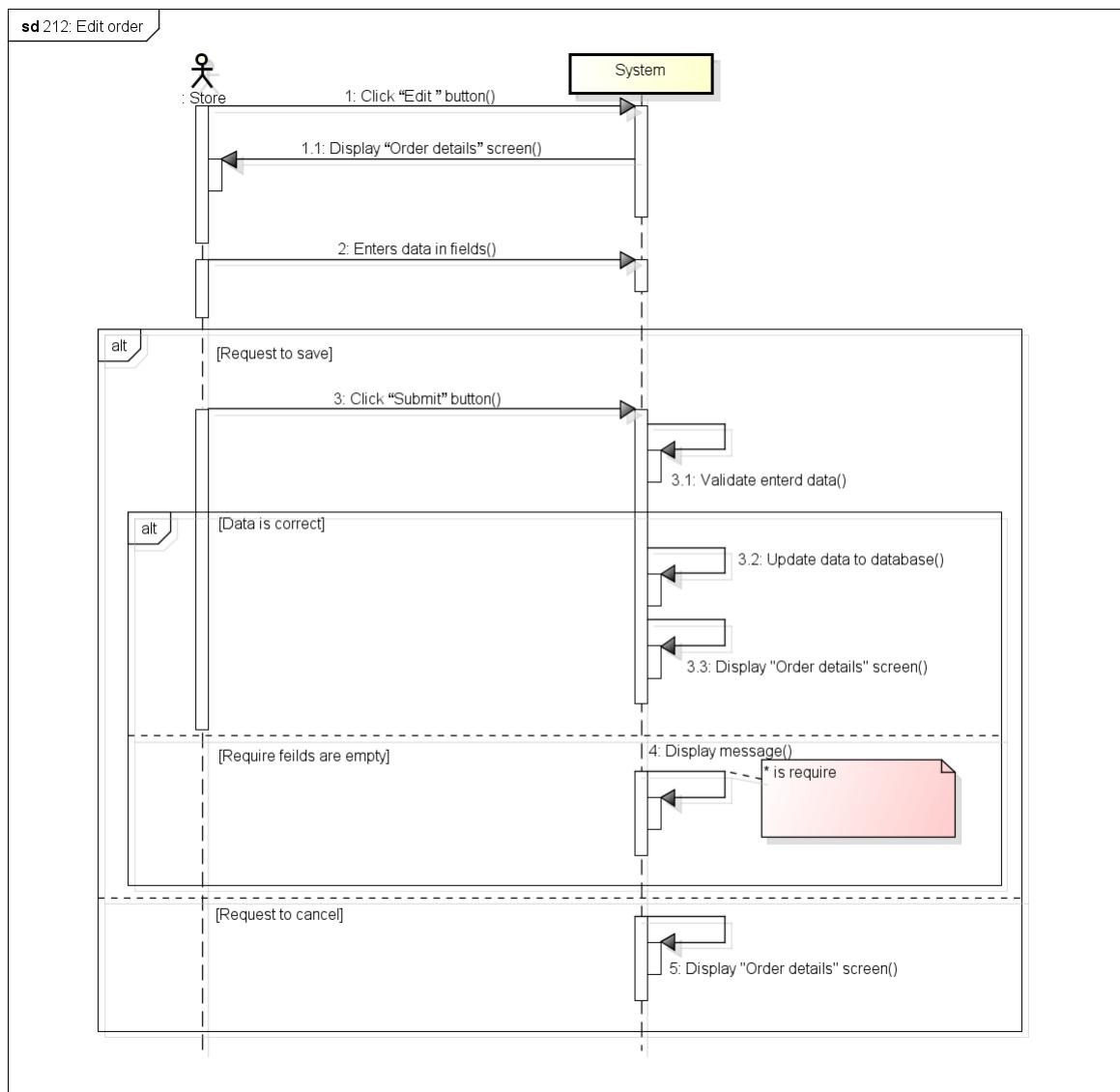
3.1	System	Display error message on “Confirm Cancel” popup: “Please enter your reason”
	Includes:	N/A
	Special Requirements:	N/A
	Notes and Issues:	N/A

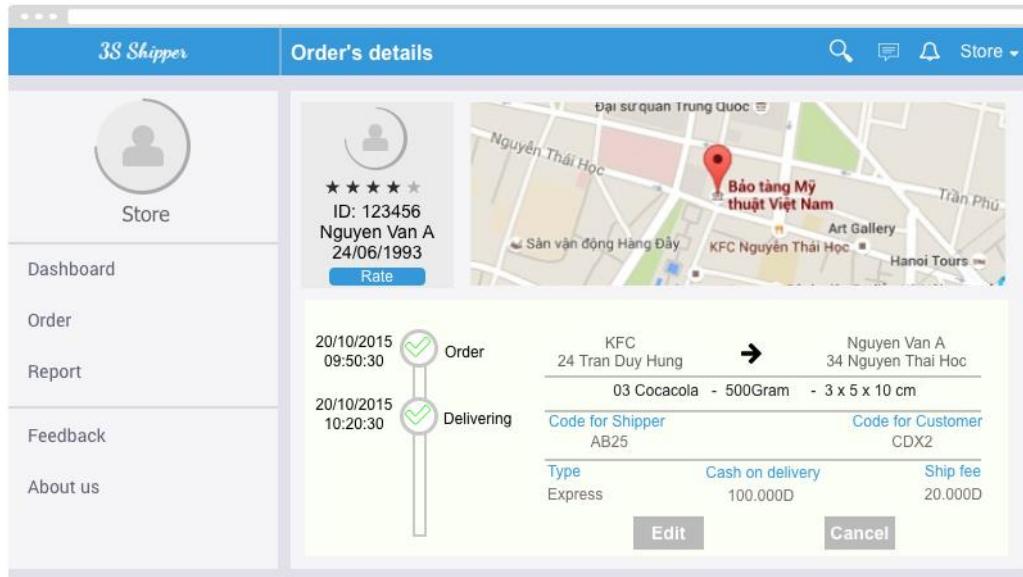


UC-212: Edit Order

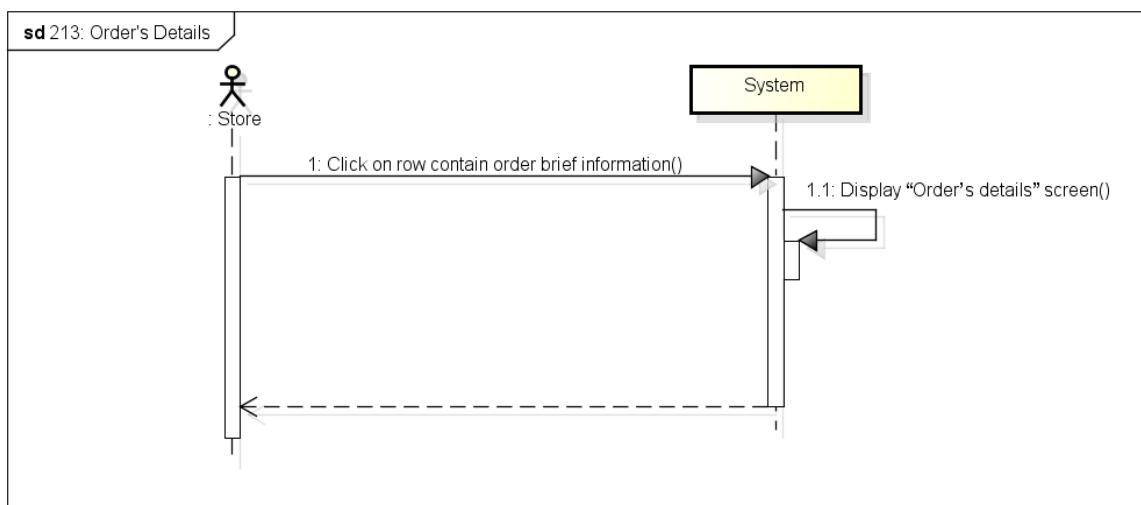
Use Case ID:	UC-212		
Use Case Name:	Edit Order		
Created By:	KhanhKC	Last Updated By:	KhanhKC
Date Created:	19/09/2015	Date Last updated:	20/09/2015
Actor:	Store		
Description:	Store can edits information of orders.		
Triggering event:	Store edits order		
Preconditions:	Store are on “Order’s list” screen or Store are on “Order details” screen. (Refer to UC-209: View order’s list)		
Post conditions:	New Order information have been display on details screen and updated in database.		
Priority:	High		
Frequency of Use:	Often		
Main flow			
Step	Actor	Action	
1.	Store	Click “Edit” button on the row contain order information.	
2.	System	Display “Order details” screen: - “Start address” text box - “Finish address” text box - “Weight” text box - “Size” text box - “Vehicle” drop down list - “Express” checkbox - “Time delivery” text box - “Submit” button	
3.	Store	Enters data in fields	
4.	Store	Click “Submit” button	
5.	System	Display “Order details” with updated information.	

Alternative Flows:		
AT1	At step 1, Store click on “Edit” button on “Order details” screen.	
Step	Actor	Action
1.1	System	Change fields on “Order details” to editable.
1.2	Go to “Step 2”	
Exceptions:		
EC1	At step 3, require fields are empty	
Step	Actor	Action
4.1	System	Display “Edit Order” screen with error message: “* is required”
EC2	At step 4, Store click “Cancel” button	
Step	Actor	Action
4.1	System	Display “View profile” screen (Refer to UC-206: View Profile”)
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: N/A		

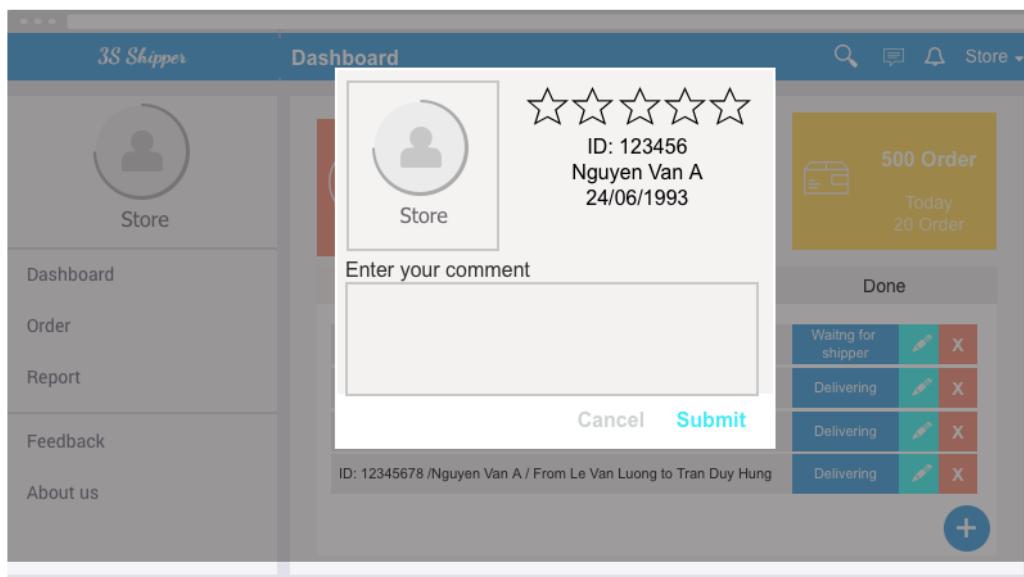


UC- 213: Order's details

Use Case ID:	UC-213		
Use Case Name:	Order' Details		
Created By:	KhanhKC	Last Updated By:	KhanhKC
Date Created:	19/09/2015	Date Last updated:	20/09/2015
Actor:	Store		
Description:	Display details information of orders.		
Triggering event:	Store view order details		
Preconditions:	Store on “Order’s list” screen.		
Post conditions:	“Order’s details” screen are displayed.		
Priority:	High		
Frequency of Use:	Always		
Main flow			
Step	Actor	Action	
1.	Store	Click on row contain order brief information	
2.	System	Display “Order’s details” screen that includes details information of Order.	
Alternative Flows:			
Exceptions:			
Includes:			
Special Requirements:			
Notes and Issues:			



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UC-216: Rate shipper

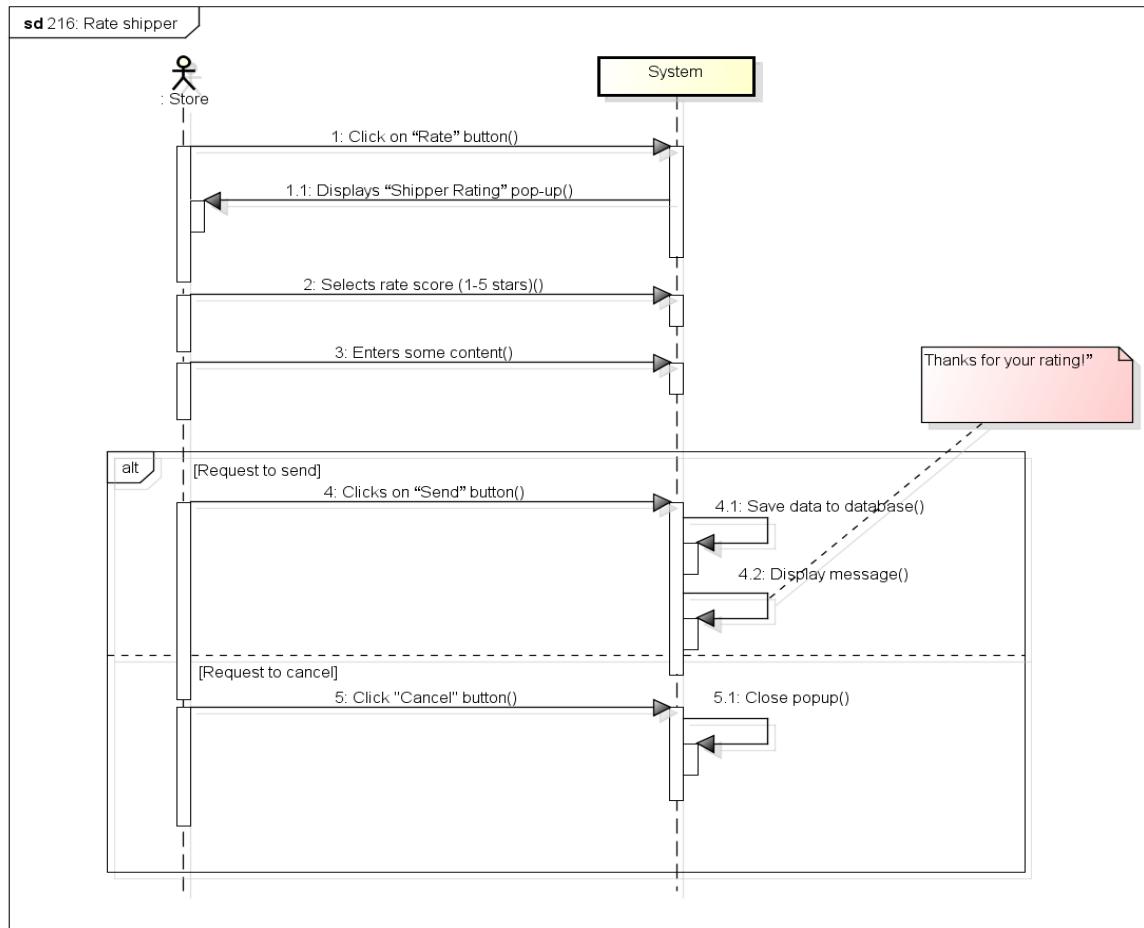
Use Case ID:	UC-216		
Use Case Name:	Rate shipper		
Created By:	HuyTDH	Last Updated By:	KhanHCK
Date Created:	19/09/2015	Date Last updated:	20/09/2015
Actor:	Store		
Description:	Store rates service quality of shipper for each order		
Triggering event:	Store rates shipper.		
Preconditions:	Store logged in, there's a shipper bears responsibility for shipping store's order		
Post conditions:	Shipper rating send to system		
Priority:	Normal		
Frequency of Use:	Often		
Main flow			
Step	Actor	Action	

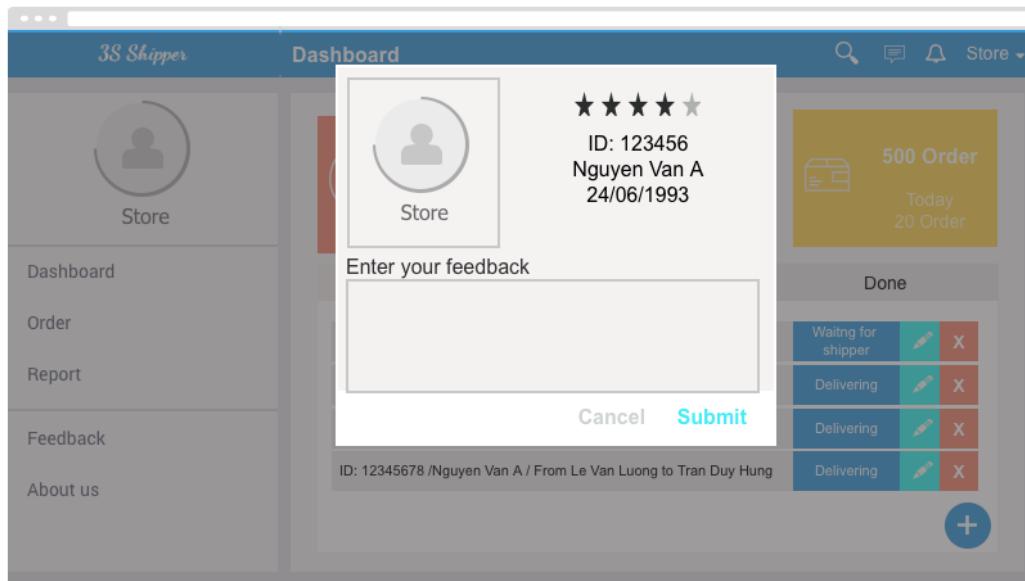
4.	Store	Goes to “Order List”
5.	Store	Click on “Rate” button
6.	System	Displays “Shipper Rating” pop-up
7.	Store	Selects rate score (1-5 stars)
8.	Store	Enters some content
9.	Store	Clicks on “Send” button
10.	System	Display message “Thanks for your rating!”

Alternative Flows:**Exceptions:**

EC1 At step 9, Store click “Cancel” button

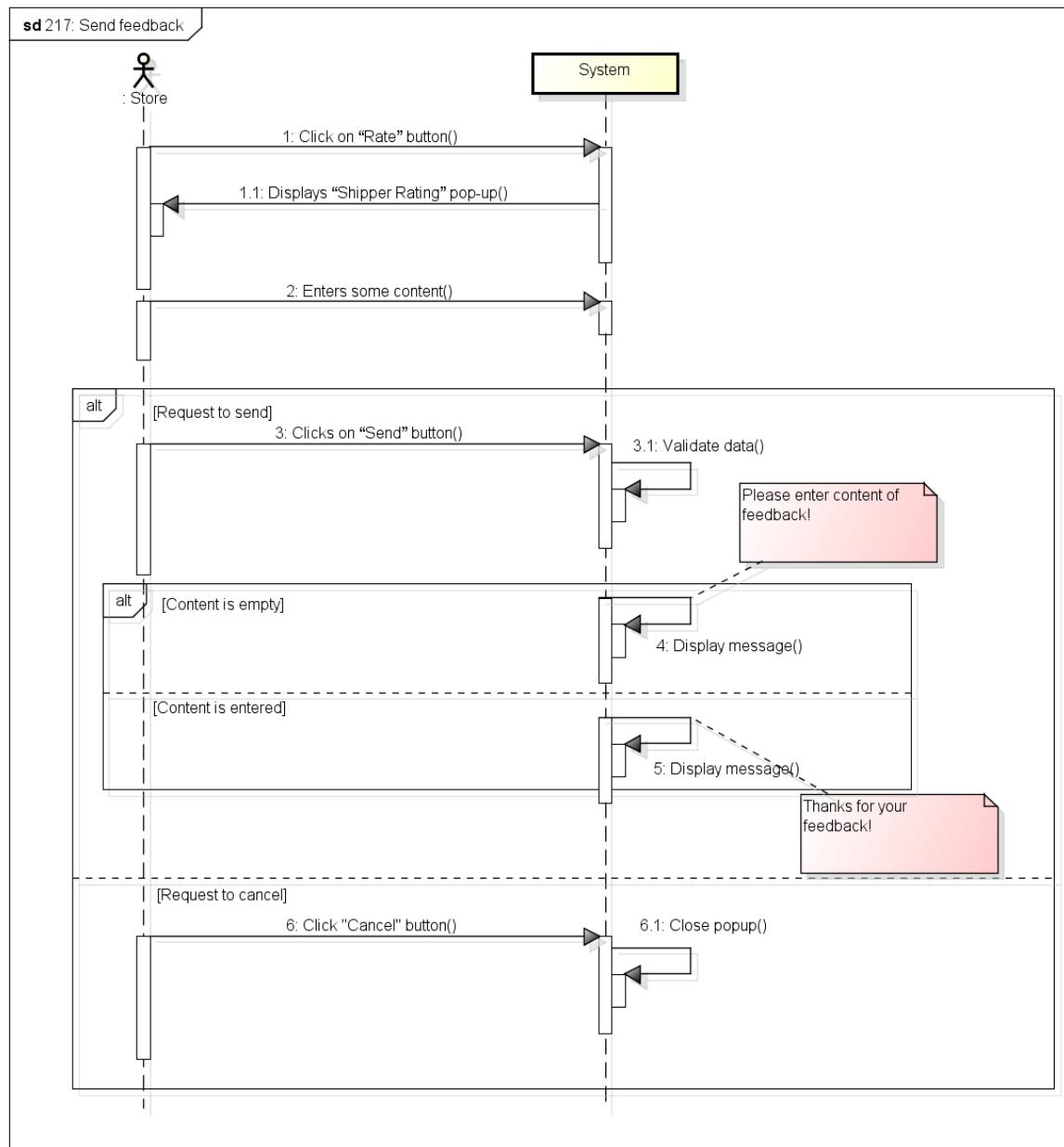
Step	Actor	Action
4.1	Store	Store Click “Cancel” button
4.2	System	Close popup.
Includes:		N/A
Special Requirements:		N/A
Notes and Issues:		N/A



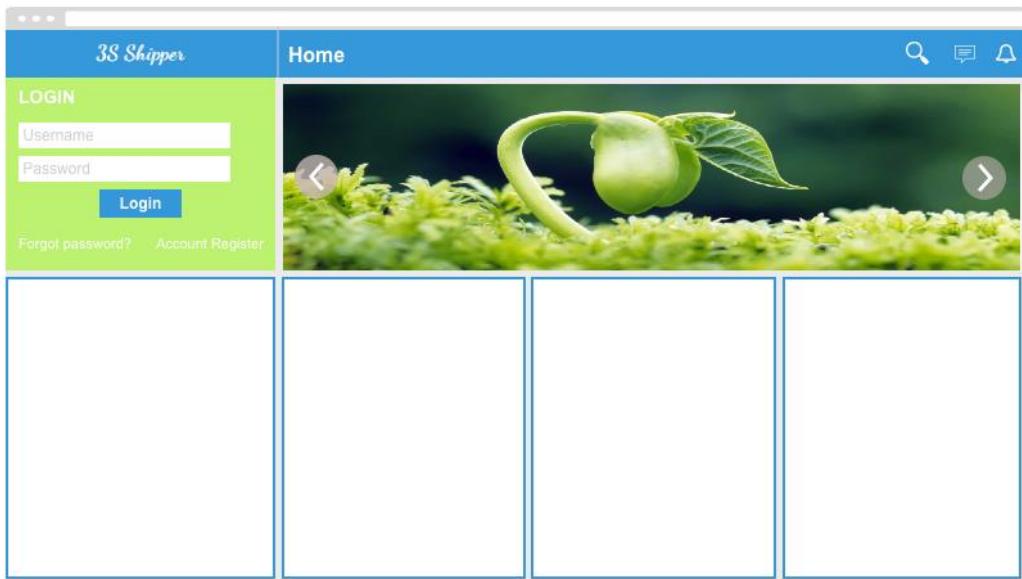
UC-217: Send feedback

Use Case ID:	UC-217	
Use Case Name:	Send feedback	
Created By:	HuyTDH	Last Updated By: KhanhKC
Date Created:	19/09/2015	Date Last updated: 20/09/2015
Actor:	Store	
Description:	Store send feedback about service to system	
Triggering event:	Store send feedback about service to system	
Preconditions:	Store logged in Internet connection is on	
Post conditions:	Feedback will be sent to system	
Priority:	Normal	
Frequency of Use:	Sometimes	
Main flow		
Step	Actor	Action
8.	Store	Click on “Send feedback” on navigation bar
9.	System	Displays “Send feedback” pop-up
10.	Store	Enters some content
11.	Store	Clicks on “Send”
12.	System	Validate content
13.	System	Shows message “Thanks for your feedback!”
Alternative Flows:	N/A	
Exceptions:		
EC1	Store doesn't enter content	
Step	Actor	Action
4.1	Store	Store clicks “Send”

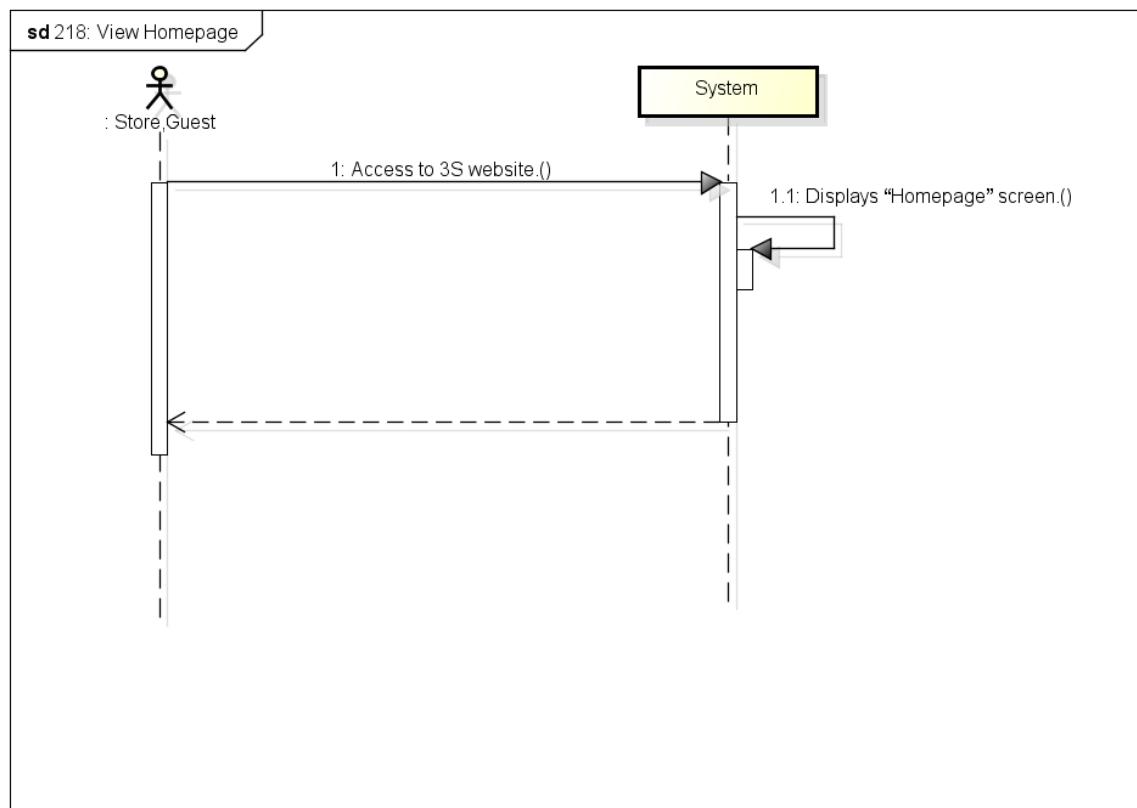
4.2	System	System shows message “Please enter content of feedback!”
	Includes:	N/A
	Special Requirements:	N/A
	Notes and Issues:	N/A



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UC-218: View Homepage

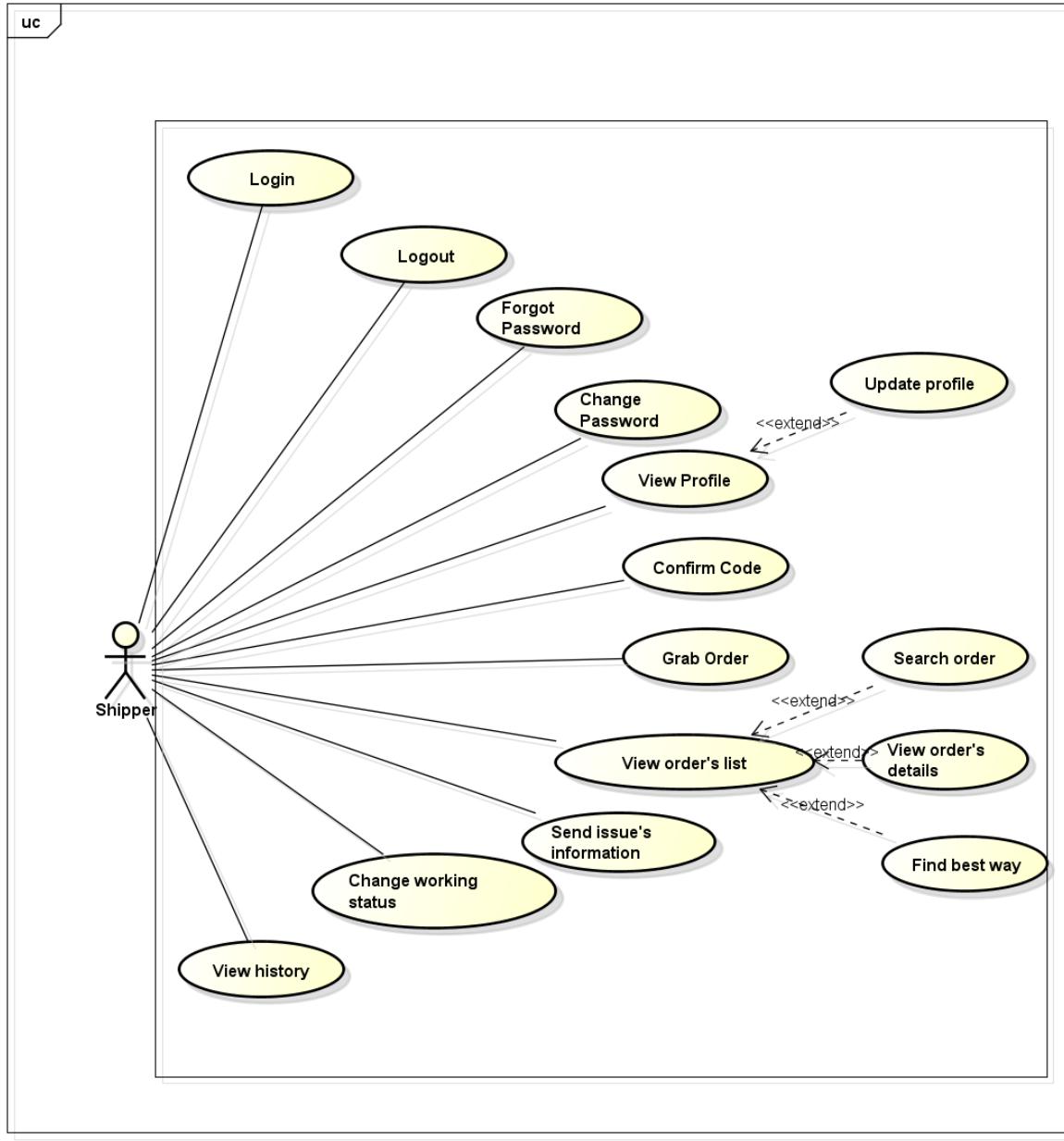
Use Case ID:	UC-218	
Use Case Name:	View Homepage	
Created By:	KhanhKC	Last Updated By: KhanhKC
Date Created:	20/09/2015	Date Last updated: 20/09/2015
Actor:	Store, Guest	
Description:	Homepage show information about 3S service.	
Triggering event:	Store or Guest access to 3S website.	
Preconditions:	Store or Guest access to 3S website.	
Post conditions:	“Homepage” screen has been displayed.	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
1.	Store, Guest	Access to 3S website.
2.	System	Displays “Homepage” screen.
Alternative Flows: N/A		
Exceptions: N/A		
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: N/A		



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1.3. Mobile application for Shipper

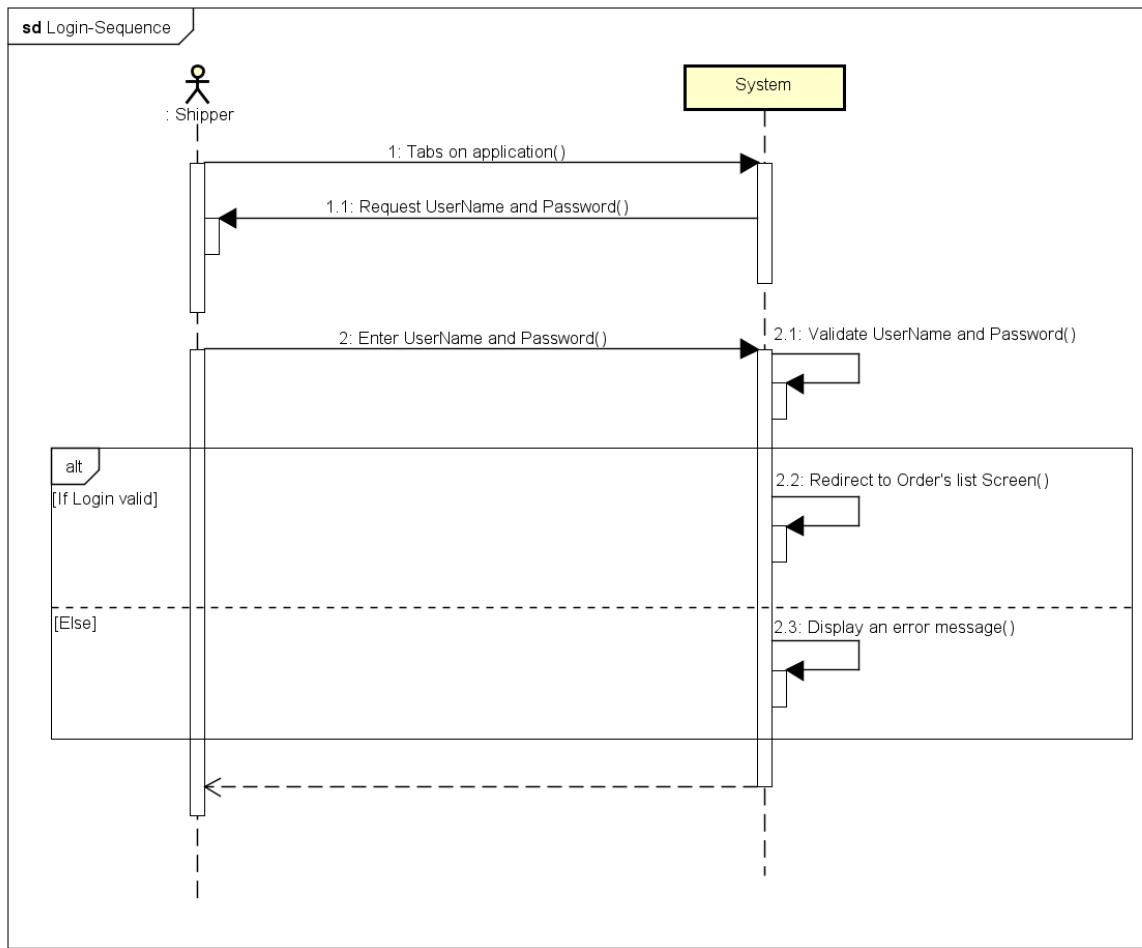
1.3.1. User Case Diagram



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1.3.2. Function

UC-301: Login

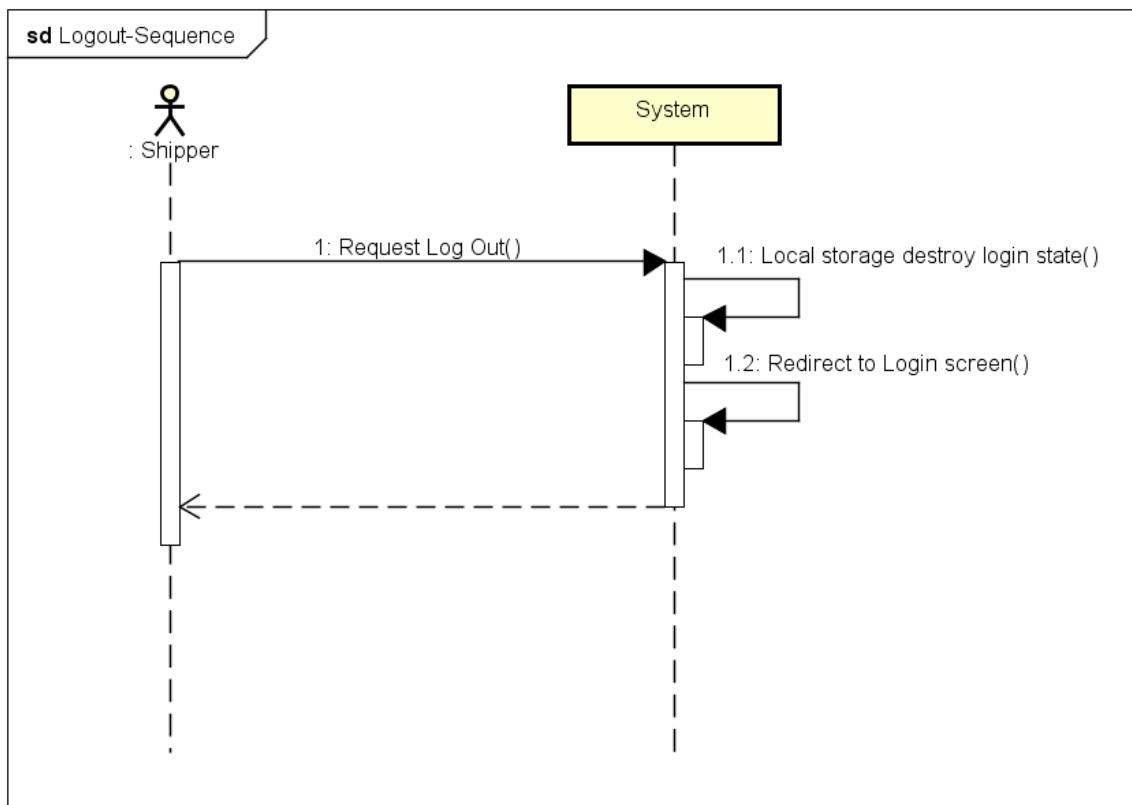


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Use Case ID:	UC-301		
Use Case Name:	Login		
Created By:	QuyenNV	Last Updated By:	QuyenNV
Date Created:	19/09/2015	Date Last Updated:	24/09/2015
Actor:	Shipper		
Description:	Shipper provides his or her access credentials in order to use system.		
Triggering event	Shipper login to system.		
Preconditions:	Internet connection is established.		
Post - conditions:	The shipper's session is stored.		
Priority:	High		
Frequency of Use:	Sometime		
Main flow			
Step	Actor	Action	
1	Shipper	Tabs on application	
2	System	Request the shipper input the following fields are available: + username + password	

3	Shipper	Enter information (username and password). Shipper clicks on Log In.
4	System	Validate UserName and Password
5	System	Login successful into application. System grant access to system and redirect to Order's list screen
Alternative Flows:		N/A
Exceptions:		
EC1	At step 4, if account's information is invalid	
Step	Actor	Action
4.1	System	Display an error message on [Login] screen
Includes:		N/A
Special Requirements:		N/A
Notes and Issues:		N/A

UC-302: Logout

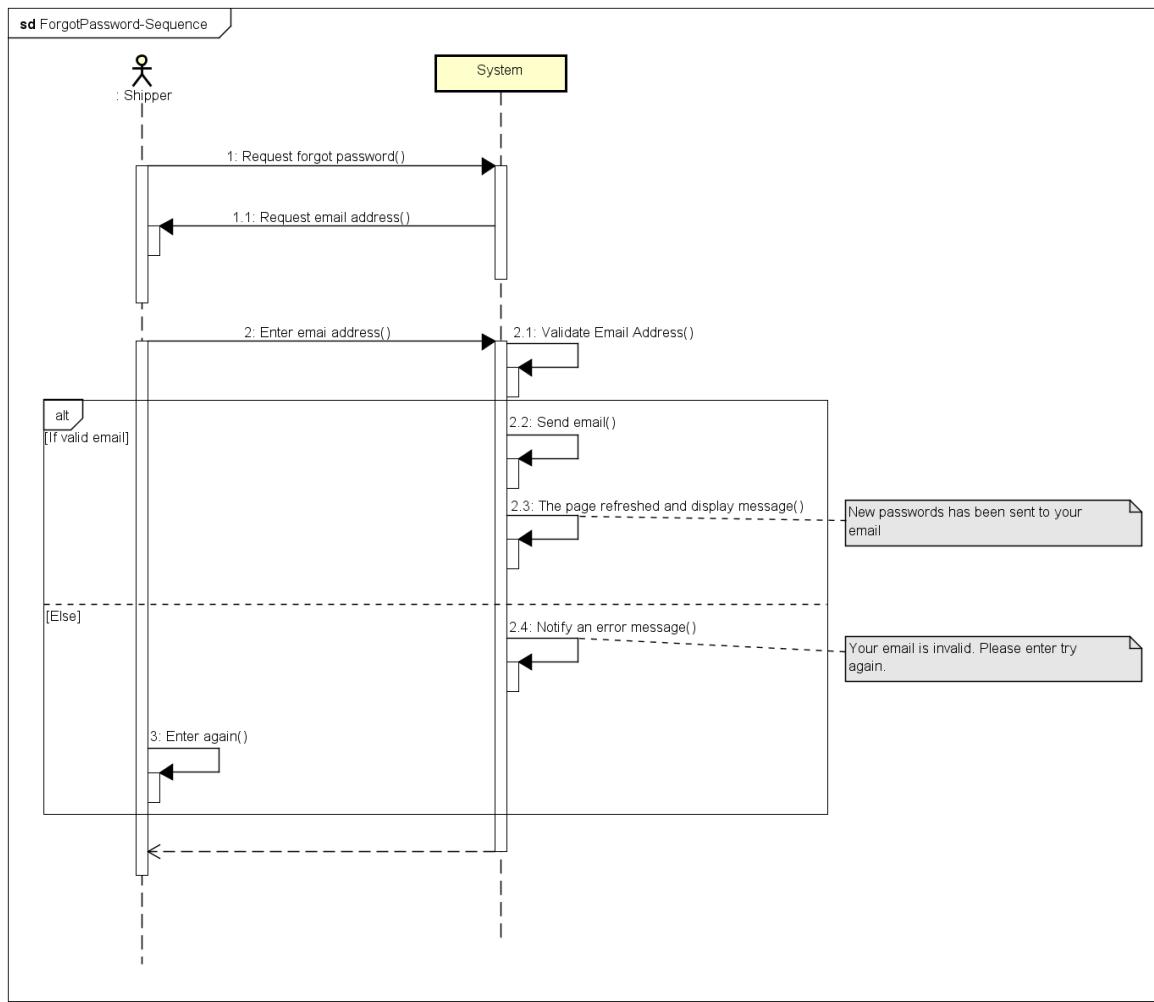


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Use Case ID:	UC-302		
Use Case Name:	Logout		
Created By:	QuyenNV	Last Updated By:	QuyenNV
Date Created:	19/09/2015	Date Last Updated:	24/09/2015
Actor:	Shipper		
Description:	When shipper finish their work they will logout of the system.		
Triggering event	Shipper logout of the system.		
Preconditions:	- To be logged in the system		

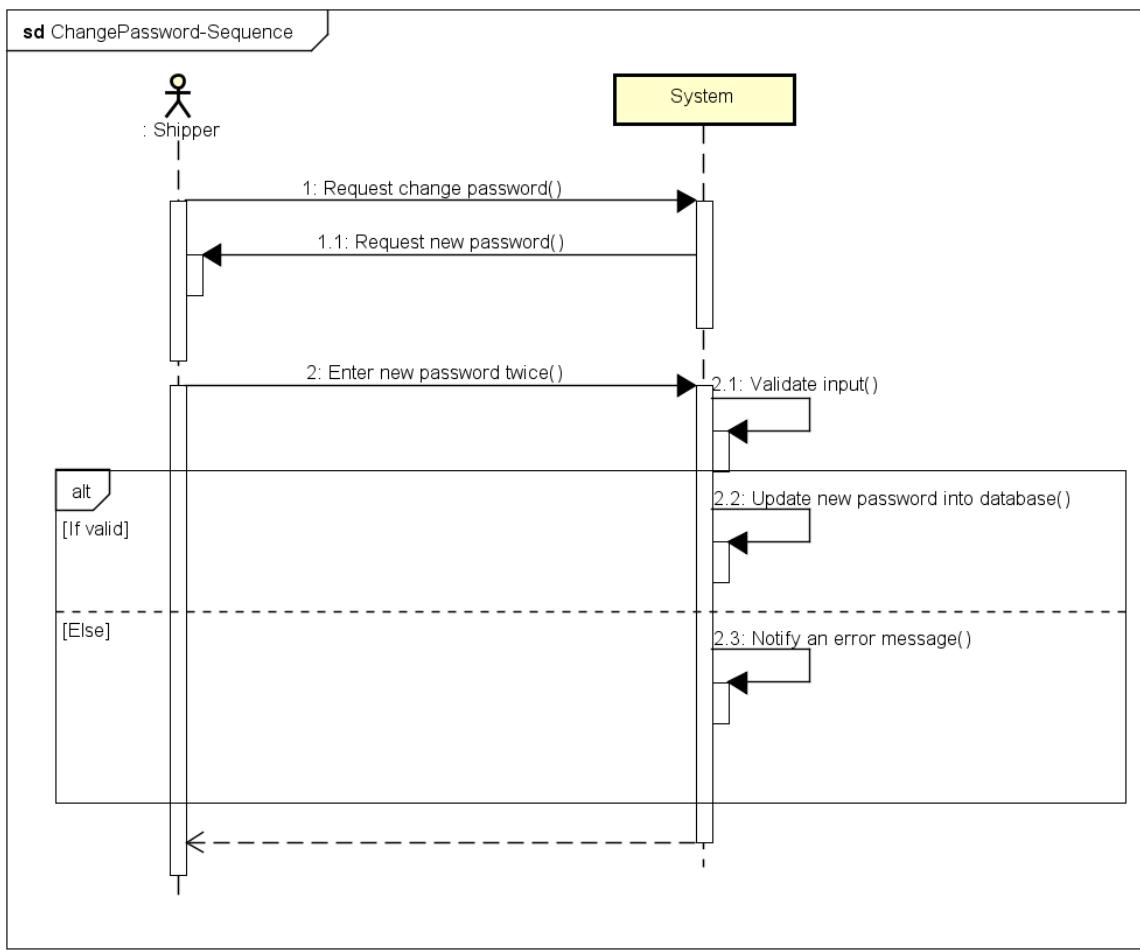
	- To have Internet connection through device	
Post - conditions:	- The connection to the server is terminated.	
Priority:	High	
Frequency of Use:	Sometime	
Main flow		
Step	Actor	Action
1.	Shipper	Click “log out” button.
2.	System	Terminates the connection. Local storage destroy login state.
3.	System	Redirect to “Login” screen of application
Alternative Flows: N/A		
Exceptions: N/A		
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: N/A		

UC-303: Forgot password



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Use Case ID:	UC-303				
Use Case Name:	Forgot password				
Created By:	QuyenNV	Last Updated By:	QuyenNV		
Date Created:	19/09/2015	Date Last Updated:	24/09/2015		
Actor:	Shipper				
Description:	<ul style="list-style-type: none"> - When shipper forgot their password. Shipper wants reset their password. 				
Triggering event	<ul style="list-style-type: none"> - Shipper forgot their password. 				
Preconditions:	<ul style="list-style-type: none"> - To have internet connection through device. - Shipper haven't logged in to the system yet. - On "Login" screen 				
Post - conditions:	<ul style="list-style-type: none"> - New password is sent to email of shipper 				
Priority:	High				
Frequency of Use:	Sometime				
Main flow					
Step	Actor	Action			
1.	Shipper	Click "Forgot password"			
2.	System	A new page 'Forgot password' appears.			
3.	Shipper	Enter email address used for registration. Shipper clicks the [Send] button.			
4.	System	Validate Email Address.			
5.	System	Send new password into email of shipper			
6.	System	The page is refreshed. The message is displayed: "New passwords has been sent to your email"			
Alternative Flows:		N/A			
Exceptions:					
EC1	At step 4, if email is invalid				
Step	Actor	Action			
4.1	System	Notify in screen with error message			
Includes:					
Special Requirements:		Email Address: A string from 1 to 244 characters in length, can contain any kind of characters, followed by "@gmail.com". (Ex: longshipper@gmail.com). Cannot be null.			
Notes and Issues:					

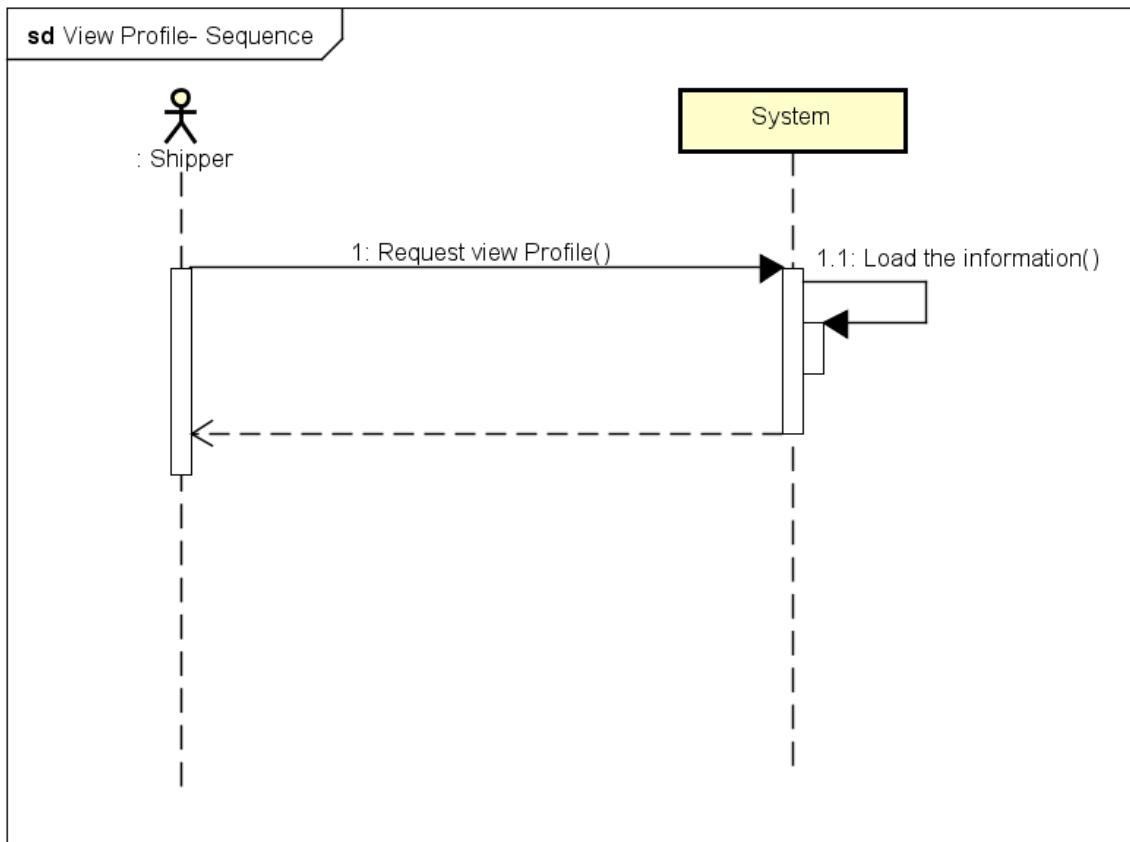
UC-304: Change password

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Use Case ID:	UC-304		
Use Case Name:	Change password		
Created By:	QuyenNV	Last Updated By:	QuyenNV
Date Created:	19/09/2015	Date Last Updated:	25/09/2015
Actor:	Shipper		
Description:	Shipper wants change their password.		
Triggering event	Shipper changes password.		
Preconditions:	<ul style="list-style-type: none"> - To have internet connection through device - To be logged in the system - Switch to “Profile” screen 		
Post - conditions:	<ul style="list-style-type: none"> - New password stored in database. Shipper changes password is successfully 		
Priority:	High		
Frequency of Use:	Sometime		
Main flow			
Step	Actor	Action	
1.	Shipper	Click “Change Password” button	
2.	System	“Change Password” screen shows up.	

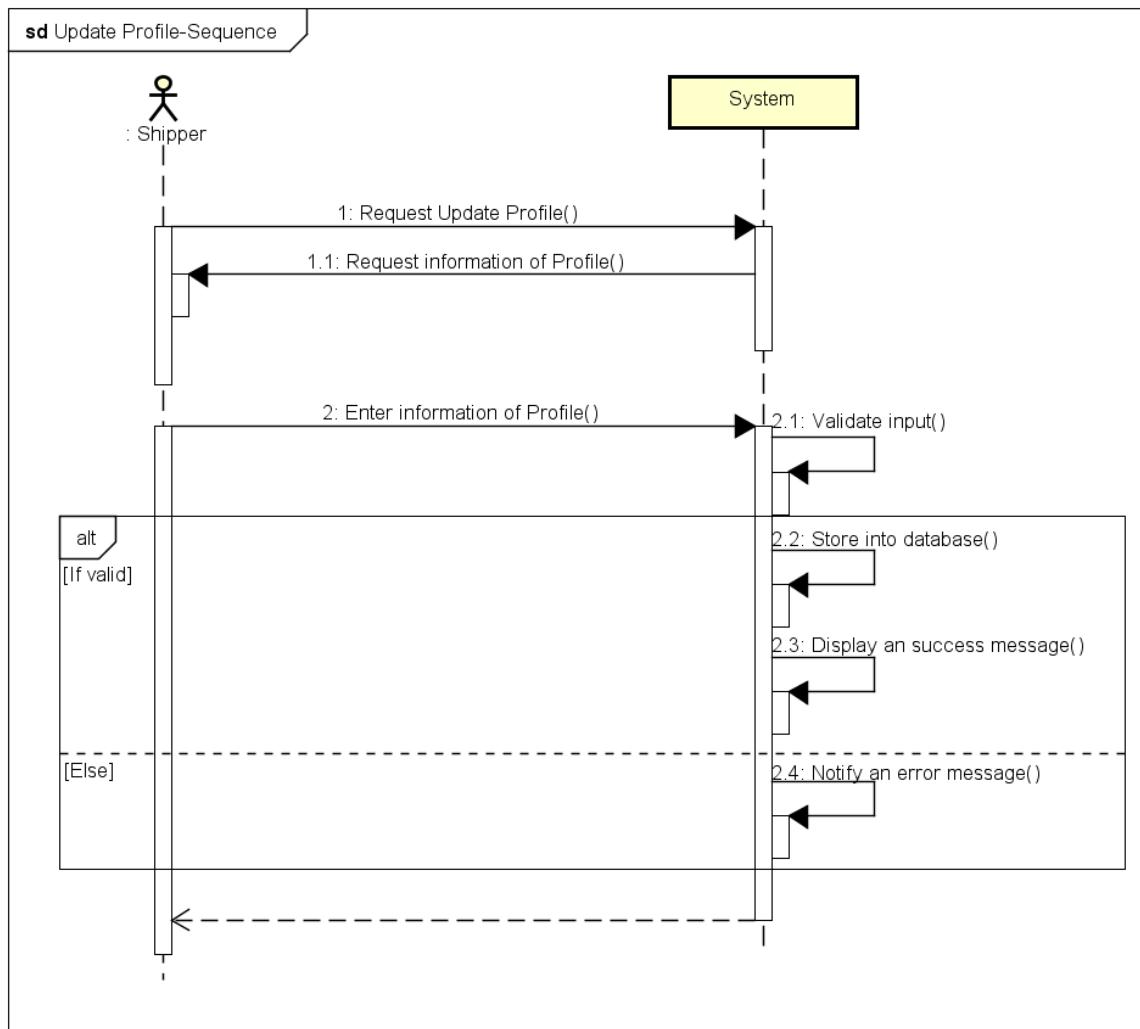
3.	Shipper	Enter required information (Old Password, new password, re-enter password) and click “Update Password” button.
4.	System	Validate input
5.	System	Update new password of this account to database and redirect to the “Profile” screen.
Alternative Flows:		N/A
Exceptions:		
EC1	At step 4, if any field is incorrect format or blank	
Step	Actor	Action
4.1	System	Notify in screen with error message
EC2	At step 4, if shipper provides new password doesn't match the re-enter password	
Step	Actor	Action
4.1	System	Notify in screen with error message
Includes:		N/A
Special Requirements:		Old Password: Cannot be null. New Password: Minimum of password is 7 character and needs at least one number. Re-Enter Password: Cannot be null.
Notes and Issues:		N/A

UC-305: View Profile



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Use Case ID:	UC-005				
Use Case Name:	View Profile				
Created By:	QuyenNV	Last Updated By:	QuyenNV		
Date Created:	19/09/2015	Date Last updated:	25/09/2015		
Actor:	Shipper				
Description:	Shipper can view his/her information.				
Triggering event	Shipper wants view Profile				
Preconditions:	<ul style="list-style-type: none"> - To have internet connection through device - To be logged in the system 				
Post conditions:	The information of current logged in will appear in the [Profile] screen.				
Priority:	High				
Frequency of Use:	Sometime				
Main flow					
Step	Actor	Action			
1	Shipper	Click “Profile” button in left navigate bar			
2	System	Load information of shipper and Display “Profile” screen			
Alternative Flows:	N/A				
Exceptions:					
Includes:		N/A			
Special Requirements:		N/A			
Notes and Issues:		N/A			

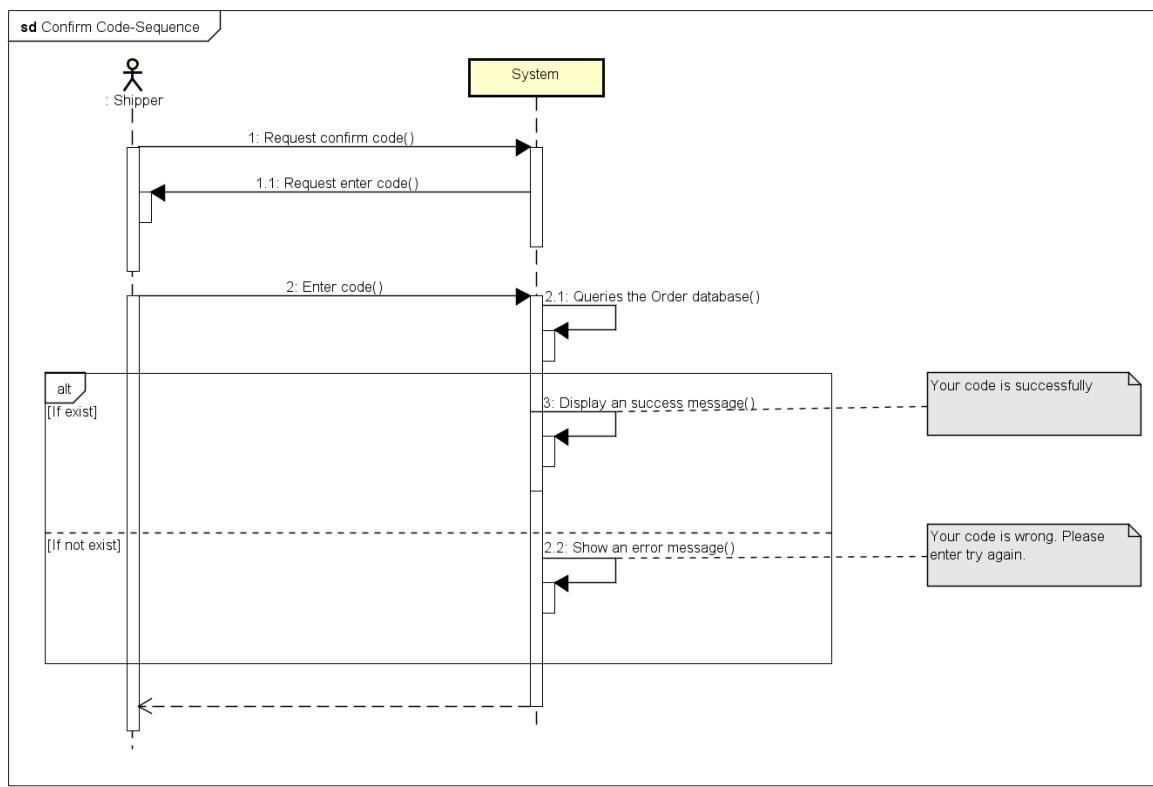
UC-306: Update Profile

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Use Case ID:	UC-006		
Use Case Name:	Update Profile		
Created By:	QuyenNV	Last Updated By:	QuyenNV
Date Created:	19/09/2015	Date Last updated:	25/09/2015
Actor:	Shipper		
Description:	Shipper can modify their related information (Email, Date of Birth, Phone Number, Identity Card, Address)		
Triggering event	Shipper wants to update their profile		
Preconditions:	<ul style="list-style-type: none"> - To have internet connection through device - To be logged in the system - Switch to [Profile] screen. 		
Post conditions:	Update new information in database. Update Profile is successfully.		
Priority:	Low		
Frequency of Use:	Sometime		
Main flow			
Step	Actor	Action	
1	Shipper	Click [Edit Profile] button	
2	System	Display [Edit profile] screen	

3	Shipper	Enter required information (Name, Email, Phone Number, Identity Card, Date of Birth, Address)
5	System	Validate input
6	System	Store new information of Shipper into database
7	System	Display an success message to shipper
Alternative Flows:		N/A
Exceptions:		
EC1	At step 5	If any required field is not entered
Step	Actor	Action
5.1	System	Notify an error message “*is require”
Includes:		N/A
Special Requirements:		N/A
Notes and Issues:		N/A

UC-307: Confirm Code



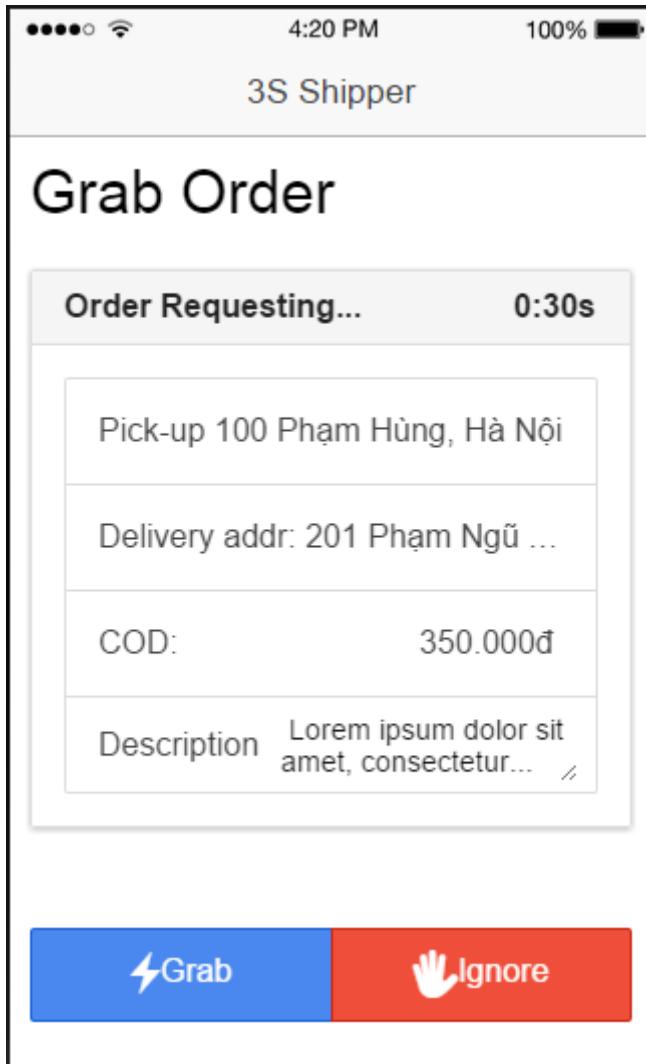
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Use Case ID:	UC-007		
Use Case Name:	Confirm Code		
Created By:	QuyenNV	Last Updated By:	QuyenNV
Date Created:	19/09/2015	Date Last updated:	25/09/2015
Actor:	Shipper		
Description:	Shipper entered code to confirm with customer. If code is wrong, shipper don't pick up order from customer. Code is automatically generated by system.		

Triggering event	Shipper confirm code which automatically generated by system.	
Preconditions:	<ul style="list-style-type: none"> - To have internet connection through device - To be logged in the system - Switch to [View Order's Details] screen. 	
Post conditions:	Order's Code is confirmed	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action
1.	Shipper	Click [Enter Code] button
2.	System	Display [Enter Code]
3.	Shipper	Enter code which be provided by customer and click "Enter" button.
4.	System	Queries the Order database
5.	System	Display an success message on [View Order's Details] screen
Alternative Flows:		
Exceptions:		
EC1	At step 4, if code in Order database does not exist or Order cannot establish a connection to the database due to some reasons (ex: network failure).	
Step	Actor	Action
4.1	System	An error message will show up on screen to tell the shipper about the problem
Includes:		
Special Requirements:		
Notes and Issues:		

UC-308: Grab order

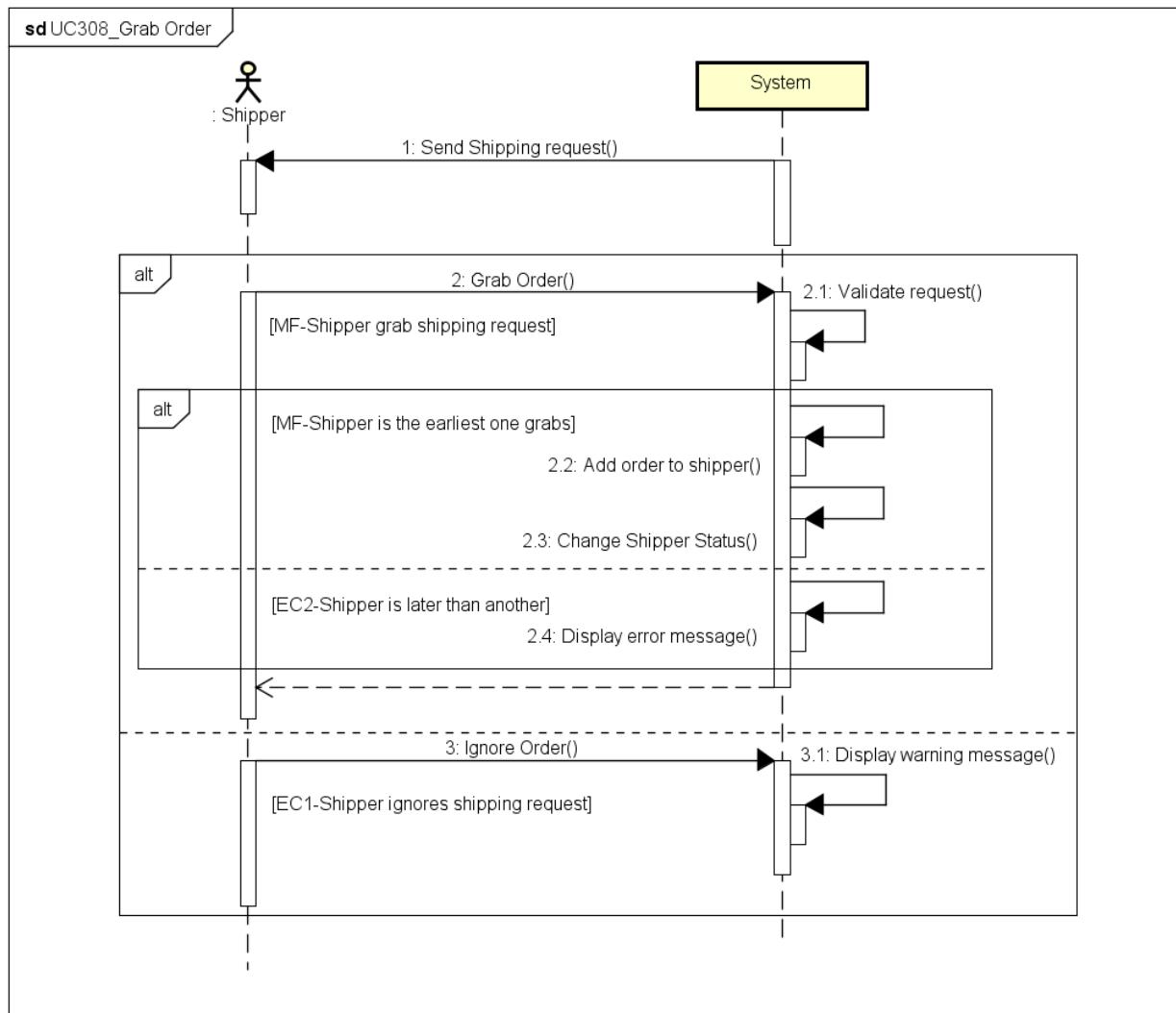
Mockup Design

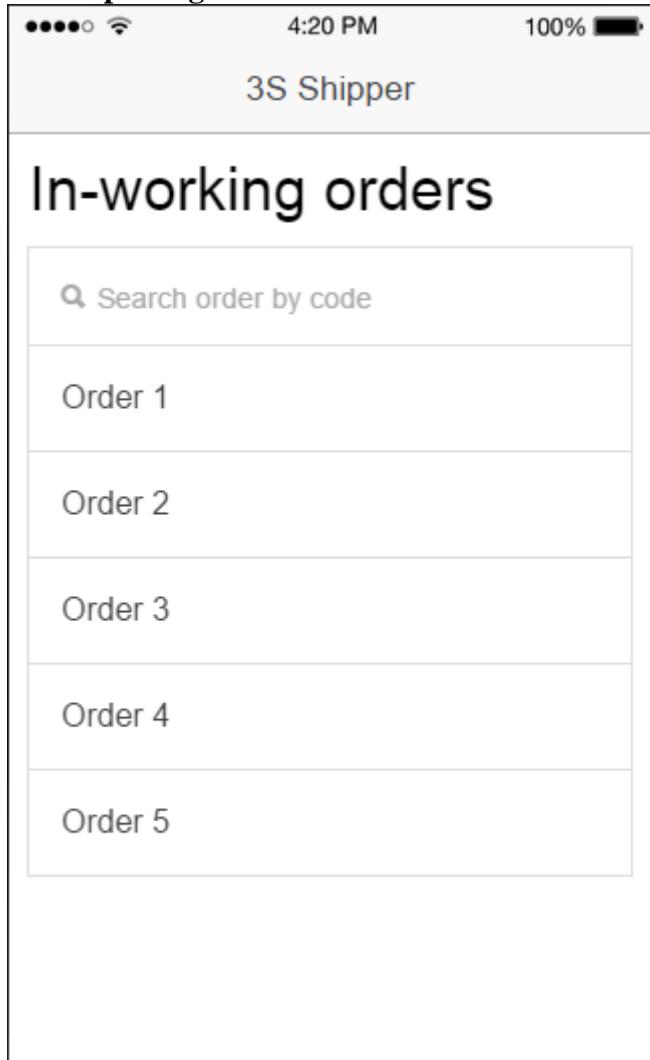


Use Case ID:	3SP_308		
Use Case Name:	Grab order		
Created By:	HuyTDH	Last Updated By:	HuyTDH
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Shipper		
Description:	When sever concurrently send shipping order to 5 shippers, the shipper who grabs order at the earliest time will take that order		
Triggering Event:	Server sends shipping request to shipper		
Pre-conditions:	Shipper logged in, internet connection is on, system is requesting to ship order		
Post-conditions:	The order is added to shipper working list, shipper's status change to "Busy"		
Priority:	High		
Frequency of Use:	Often		

Main flow		
Step	Actor	Action
6.	System	send shipping request to shipper's app
7.	Shipper	tabs on button "Grab" to take the order
8.	System	validates whether the shipping request is taken or not
9.	System	adds order to shipper's working
10	System	changes shipper's status to "Busy"
11	System	disable this request to other shippers
Alternative :		
N/A		
Exceptions:		
EC1	Shipper ignores request at step 2	
Step	Actor	Action
2.1	Shipper	Shipper tabs on button "Ignore"
2.2	System	System show confirm box
	Shipper	Shipper confirms to ignore
	System	System show warning "You have ignored x order(s) today!"
EC2	Shipper tabs on button "Grab" later than another shipper at step 2	
Step	Actor	Action
2.1	Shipper	Shipper tabs on "Grab"
2.2	System	System show message "The order has taken by another shipper!"
Exceptions:		N/A
Includes:		N/A
Special Requirements:		Shipper who receives shipping request is in top 5 nearest available ones to the store of that order.
Notes and Issues:		N/A

Sequence Diagram

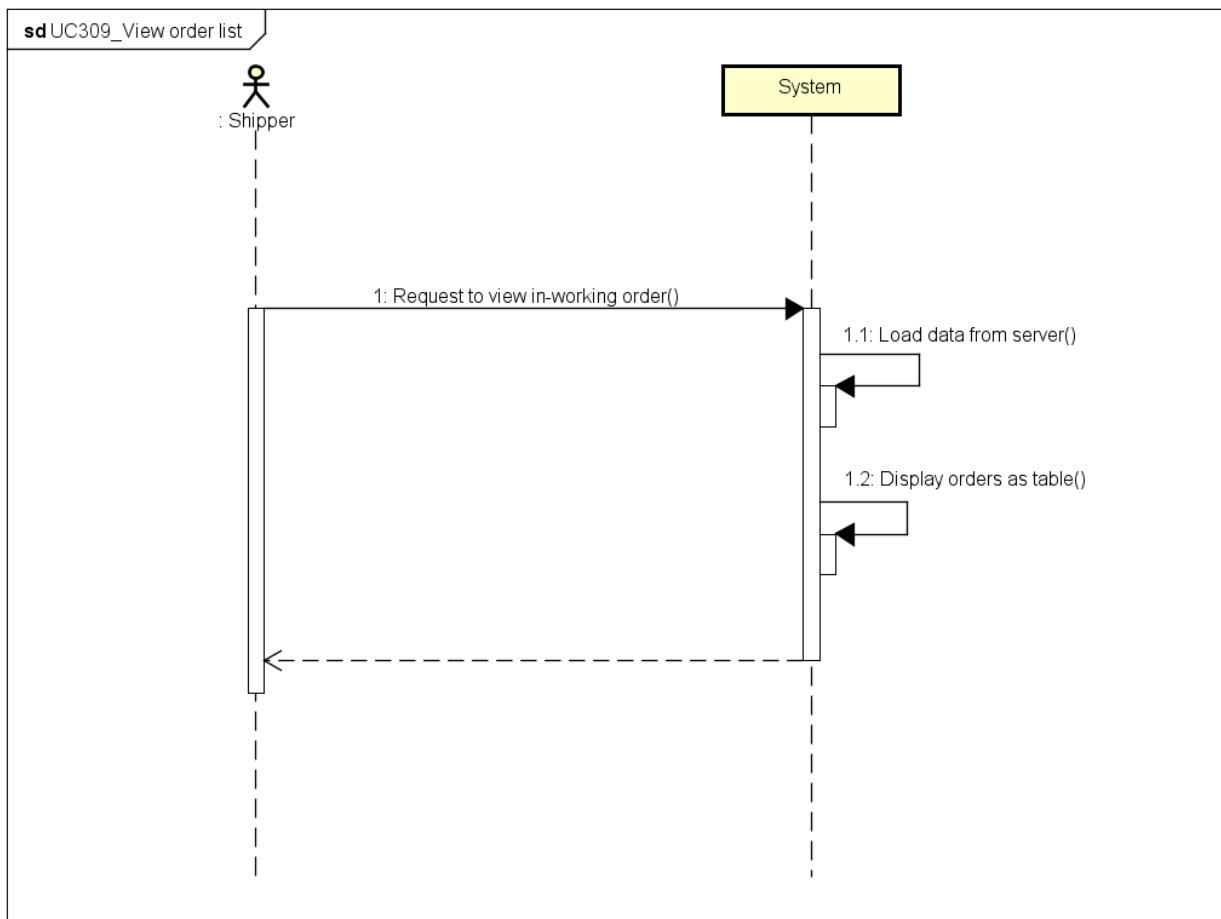


UC309: View Orders List**Mockup Design**

Use Case ID:	3SP_309		
Use Case Name:	View orders list		
Created By:	HuyTDH	Last Updated By:	HuyTDH
Date Created:	19/09/2015	Date Last updated:	25/09/2015
Actor:	Shipper		
Description:	Shipper see the list of his in-working orders		
Triggering Event:	Shipper involves see orders list request		
Preconditions:	Shipper logged in		
Post conditions:	List in-working orders of this shipper is showed		
Priority:	High		
Frequency of Use:	Always		
Main flow			
Step	Actor	Action	
11.	Shipper	expands menu bar and tabs on “In-working orders”	
12.	System	load all data about in-working orders of that shipper	

13.	System	shows list in-working orders as a table, includes content: - Order code - Pick-up point - Delivery point - Current Status
Alternative Flows:		
Exceptions:		
	Includes:	N/A
	Special Requirements:	N/A
	Notes and Issues:	N/A

Sequence Diagram

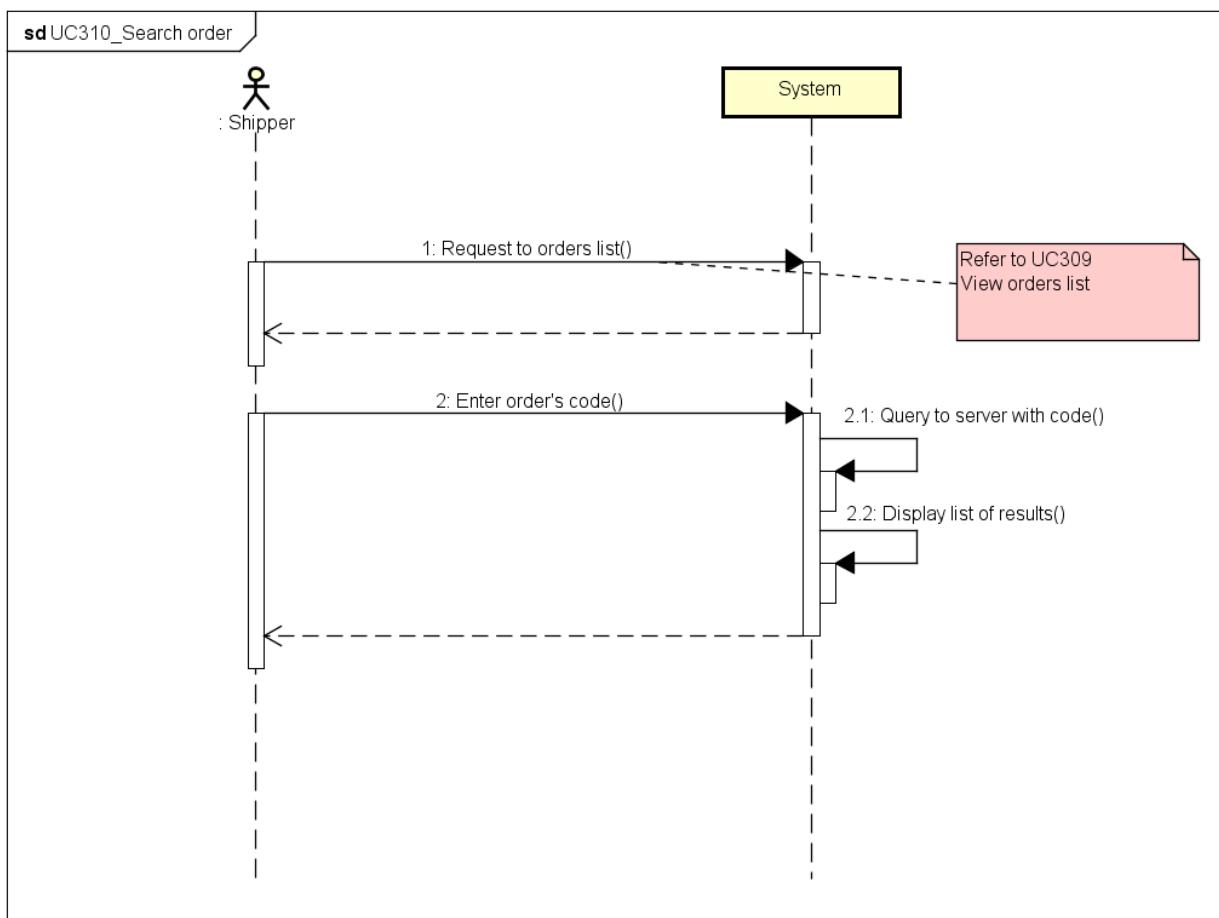


UC310: Search Order

Use Case ID:	3SP_310		
Use Case Name:	Search order		
Created By:	HuyTDH	Last Updated By:	HuyTDH
Date Created:	19/09/2015	Date Last updated:	25/09/2015
Actor:	Shipper		
Description:	Shipper searches order(s) by order code		

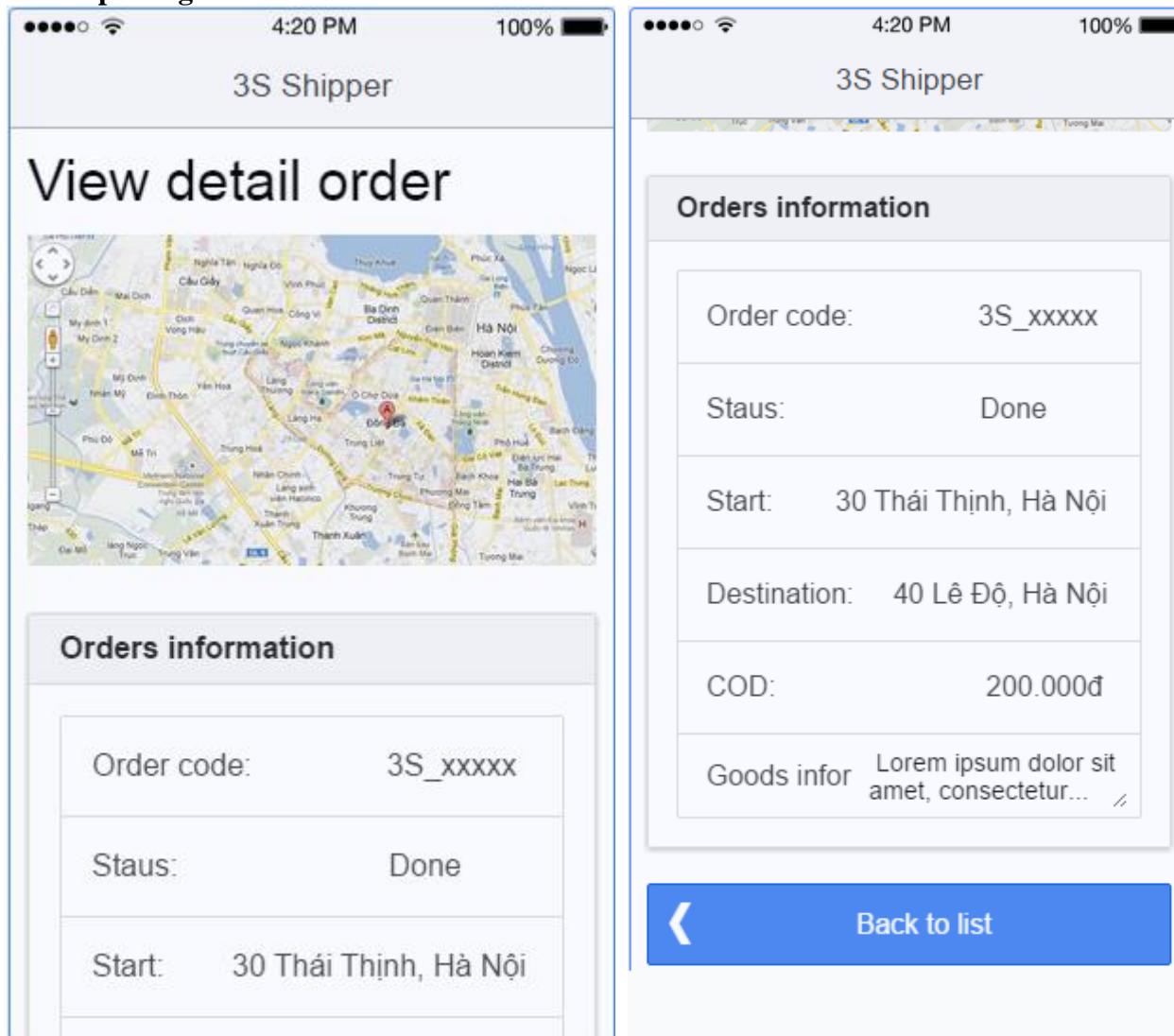
Triggering Event:	Shipper involves find a specific order(s) by code	
Preconditions:	Shipper on View Orders List: 3SP_309 (See above)	
Post conditions:	Orders that match search condition will be displayed	
Priority:	Normal	
Frequency of Use:	Sometimes	
Main flow		
Step	Actor	Action
1.	Shipper	goes to “View orders list” screen (refer to UC309 View order list)
2.	Shipper	types order’s code to search box
3.	System	filters orders data from current list
4.	System	displays all in-working orders that match with search key
Alternative Flows:		
Exceptions:		
Includes:	N/A	
Special Requirements:	Order code has format 3Sxxxxxx but shipper no need to enter 3S prefix of code Case insensitive search	
Notes and Issues:	Code format will be defined in the later phrase	

Sequence Diagram



UC311: View Order's Detail

Mockup Design

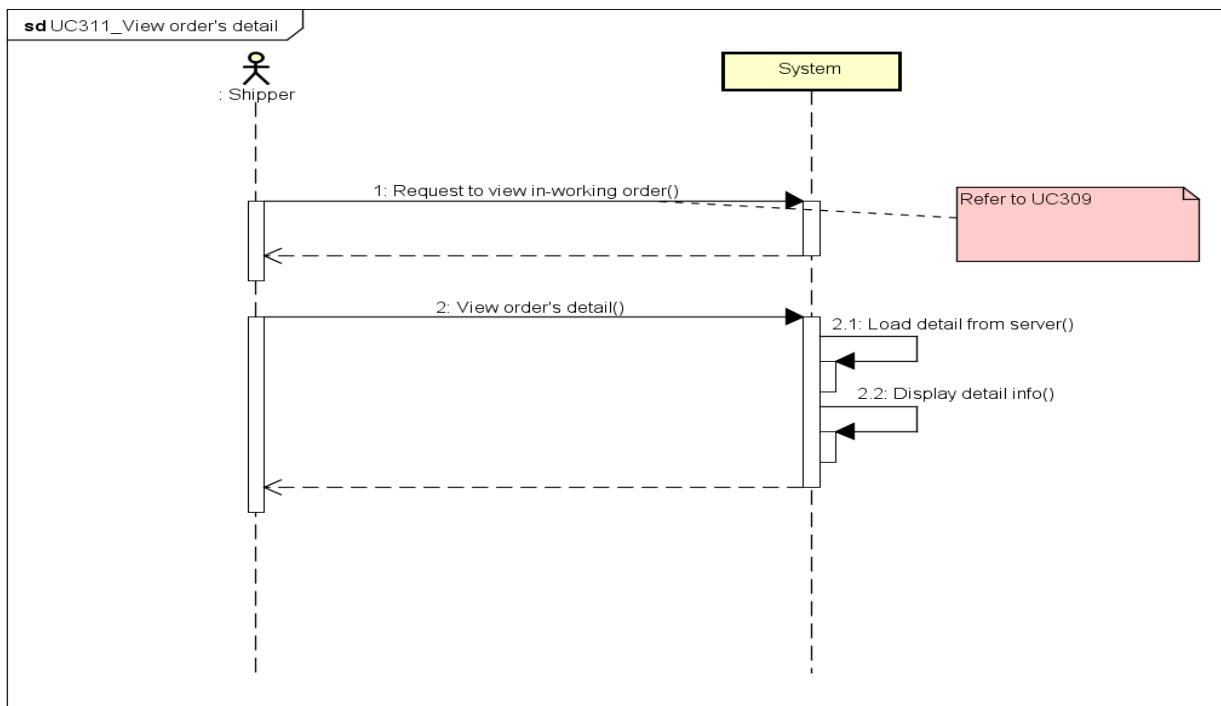


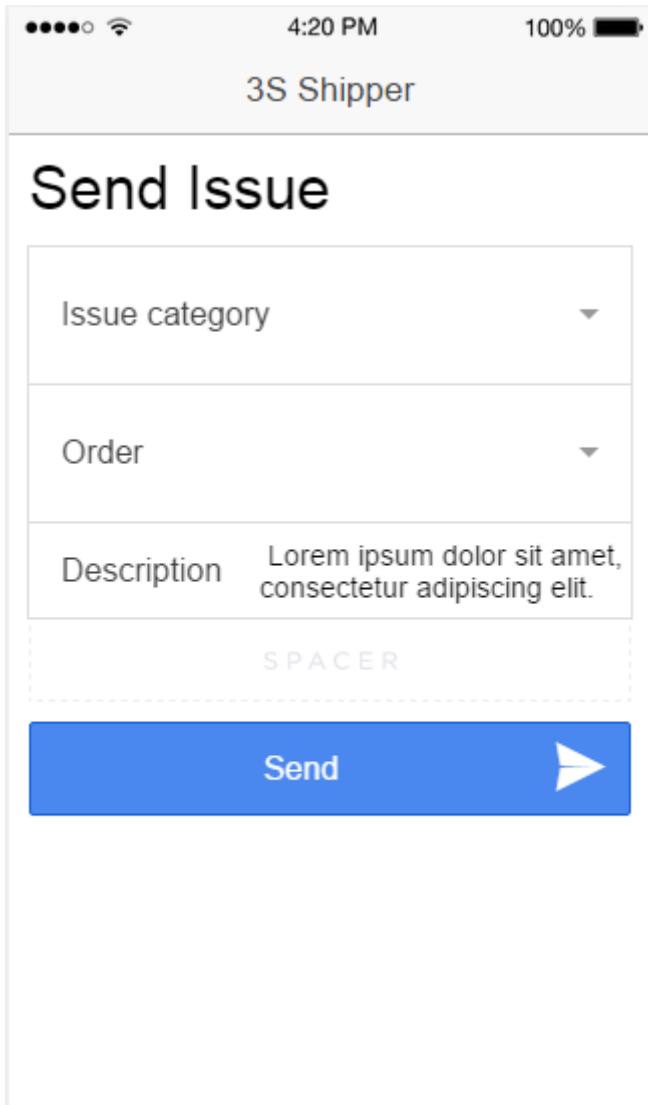
Use Case ID:	3SP_311	
Use Case Name:	View order's detail	
Created By:	HuyTDH	Last Updated By: HuyTDH
Date Created:	19/09/2015	Date Last updated: 25/09/2015
Actor:	Shipper	
Description:	Shipper view detail of an order	
Triggering Event:	Shipper involves see order's detail information request	
Preconditions:	Shipper is on list orders screen or working history screen	
Post conditions:	Detail information of that order is displayed	
Priority:	High	
Frequency of Use:	Always	
Main flow		
Step	Actor	Action

14.	Shipper	Shipper enters “In-Working Orders” screen (Refer to UC309 above)
15.	Shipper	Shipper tabs on “View detail” of that order from the list
16.	System	System loads detail info of that order from server
17.	System	System displays the detail information of order, includes: - Order code - Order status - Pick-up address - Delivery address - Products information - COD (cast on delivery amount)

Alternative Flows::

AT1	Shipper views detail from history:
Step	Actor Action
1.1	Shipper Shipper enters “History” screen
1.2	Shipper Shipper tabs on “View detail” of that order from the list
1.3	System System displays the detail
Exceptions: N/A	
Includes: N/A	
Special Requirements: N/A	
Notes and Issues: N/A	

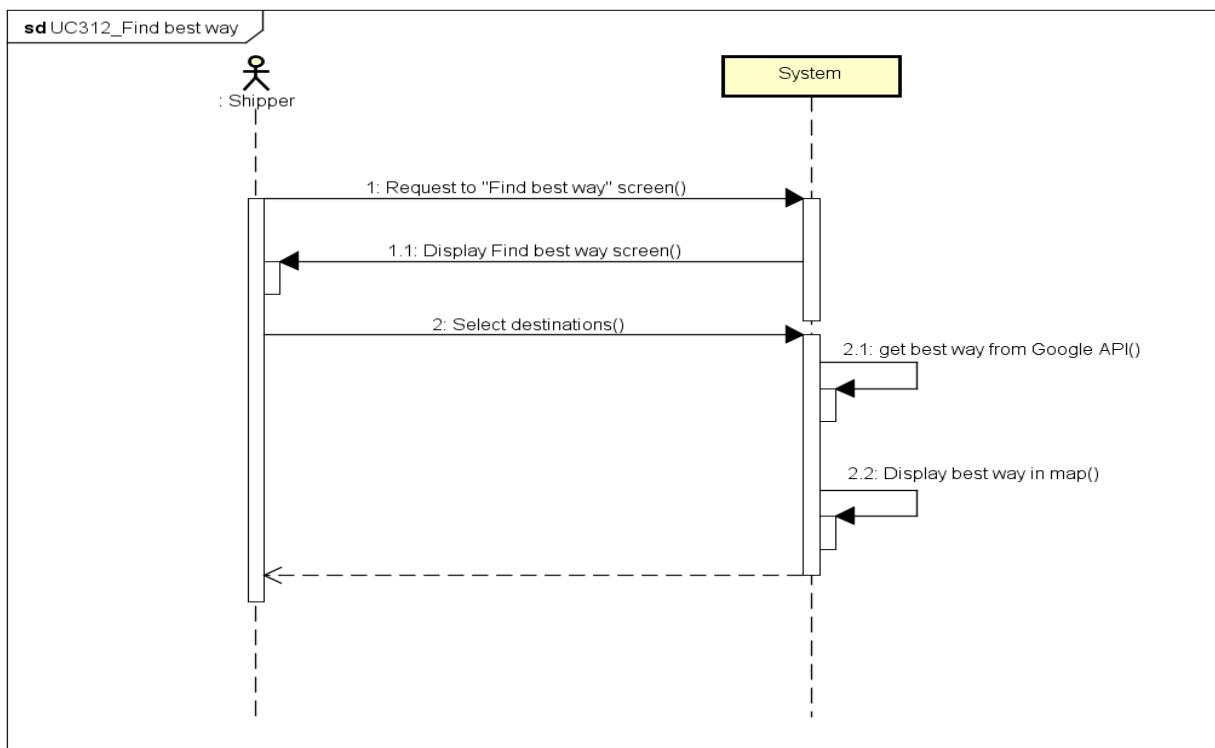
Sequence Diagram

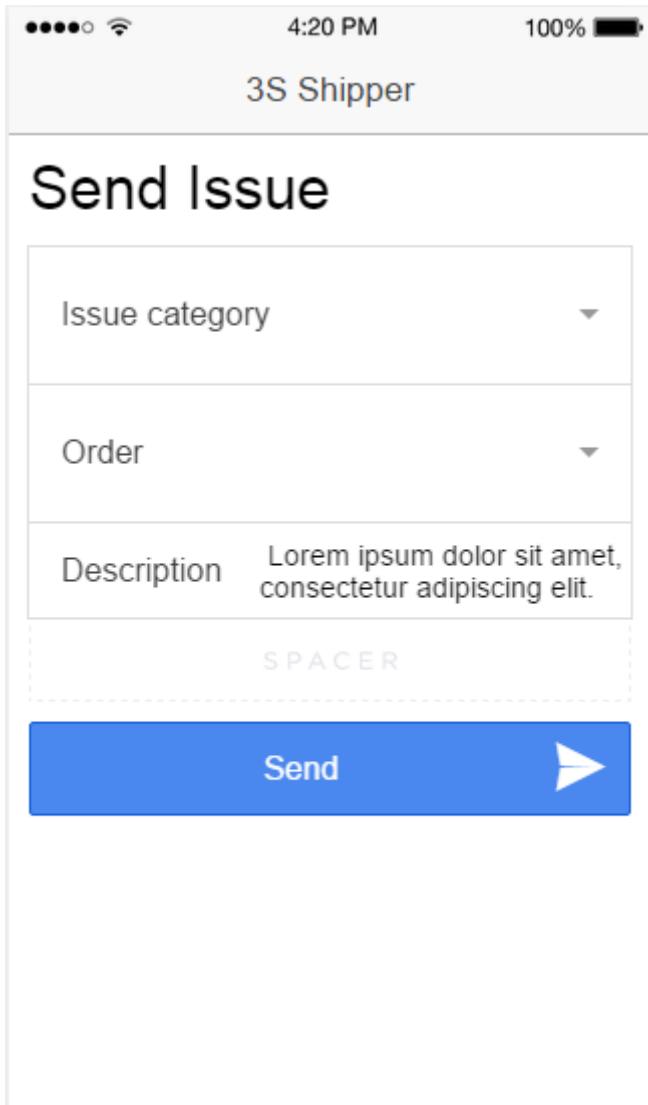
UC312: Find Best Way**Mockup Design**

Use Case ID:	3SP_312		
Use Case Name:	Find best way		
Created By:	HuyTDH	Last Updated By:	HuyTDH
Date Created:	19/09/2015	Date Last updated:	25/09/2015
Actor:	Shipper		
Description:	Shipper use system to find out the shortest way to go to destinations.		
Triggering event:	Shipper involves find best way request for his in-working orders.		
Preconditions:	Shipper logged in Internet connection is on GPS is on		
Post conditions:	The shortest way that go through all selected destinations will be displayed on map.		
Priority:	High		

Frequency of Use: Always		
Main flow		
Step	Actor	Action
7.	Shipper	Shipper selects “Find best way” from menu
8.	System	System shows “Find best way” screen, includes: - Google map - Destinations select box - “Find” button
9.	Shipper	Shipper chooses one or all destinations
10.	Shipper	Shipper tabs on “Find”
11.	System	System call Google API to get the best way
12.	System	System displays the shortest way to destinations on the map
Alternative Flows:		N/A
Exceptions:		
EC1	At step 1 if GPS is off	
Step	Actor	Action
1.1	System	System displays message “Please turn on GPS and retry”
1.2	Shipper	Shipper turn on GPS
1.3	Go to step 2 of main flow	
Includes:		N/A
Special Requirements:		Shipper can choose <= 7 destinations
Notes and Issues:		N/A

Sequence Diagram

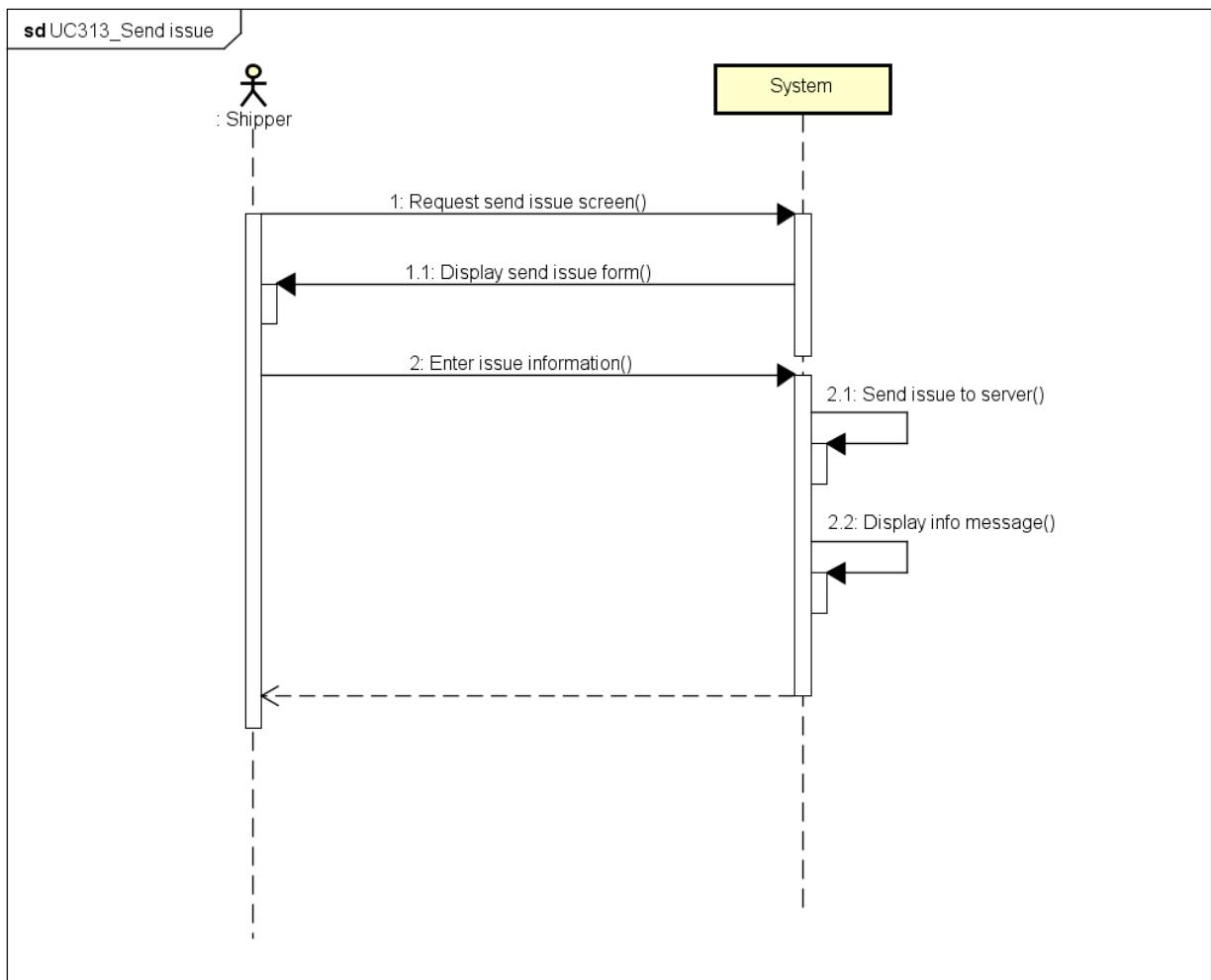


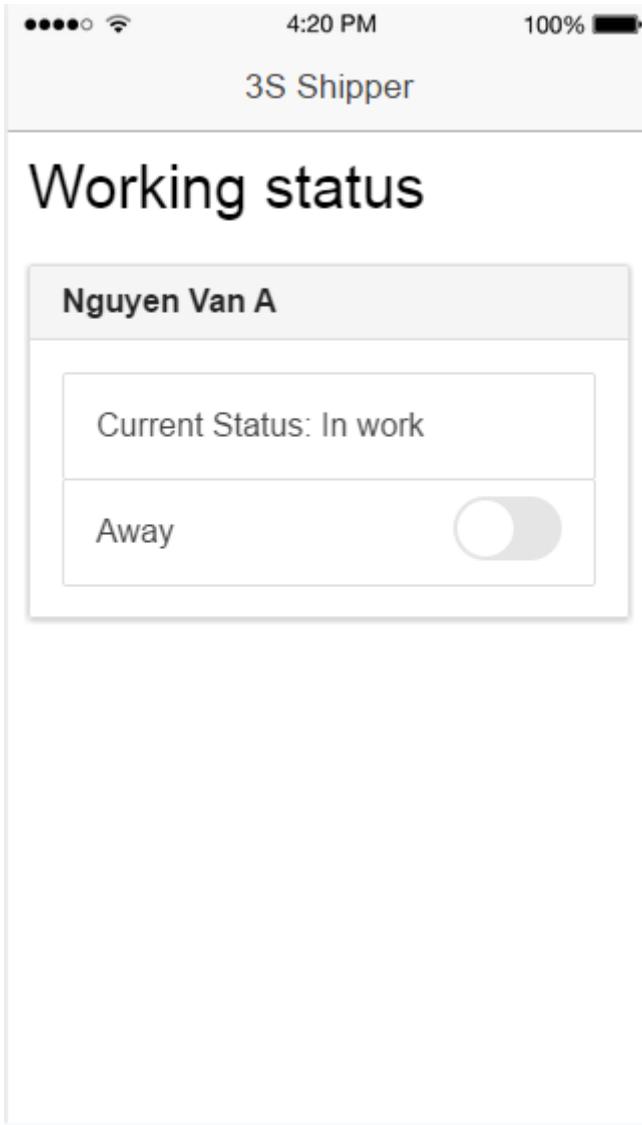
UC313 Send Issue's Information**Mockup Design**

Use Case ID:	3SP_313		
Use Case Name:	Send issue's information		
Created By:	HuyTDH	Last Updated By:	HuyTDH
Date Created:	19/09/2015	Date Last updated:	19/09/2015
Actor:	Shipper		
Description:	Shipper sends issues to Admin to solve		
Triggering Event:	Shipper got issues need to send to Admin		
Preconditions:	Shipper logged in		
Post conditions:	Issue has been sent to Admin Notification about issue has been display in admin's screen		
Priority:	High		
Frequency of Use:	Sometimes		
Main flow			

Step	Actor	Action
7.	Shipper	Shipper chooses “Send Issue” from Menu
8.	System	System displays “Send Issue Box”
9.	Shipper	Shipper types “Description”, chooses “Issue Category”, and could select one or all of his in-working orders.
10.	Shipper	Shipper tabs on “Send”
11.	System	System shows message “Issue has sent to system. Wait for Admin to solve”
12.	System	System sent notification to admin about issue
Alternative Flows: N/A		
Exceptions: N/A		
Includes: N/A		
Special Requirements: N/A		
Notes and Issues: Issue description should have 30 - 250 characters		

Sequence Diagram

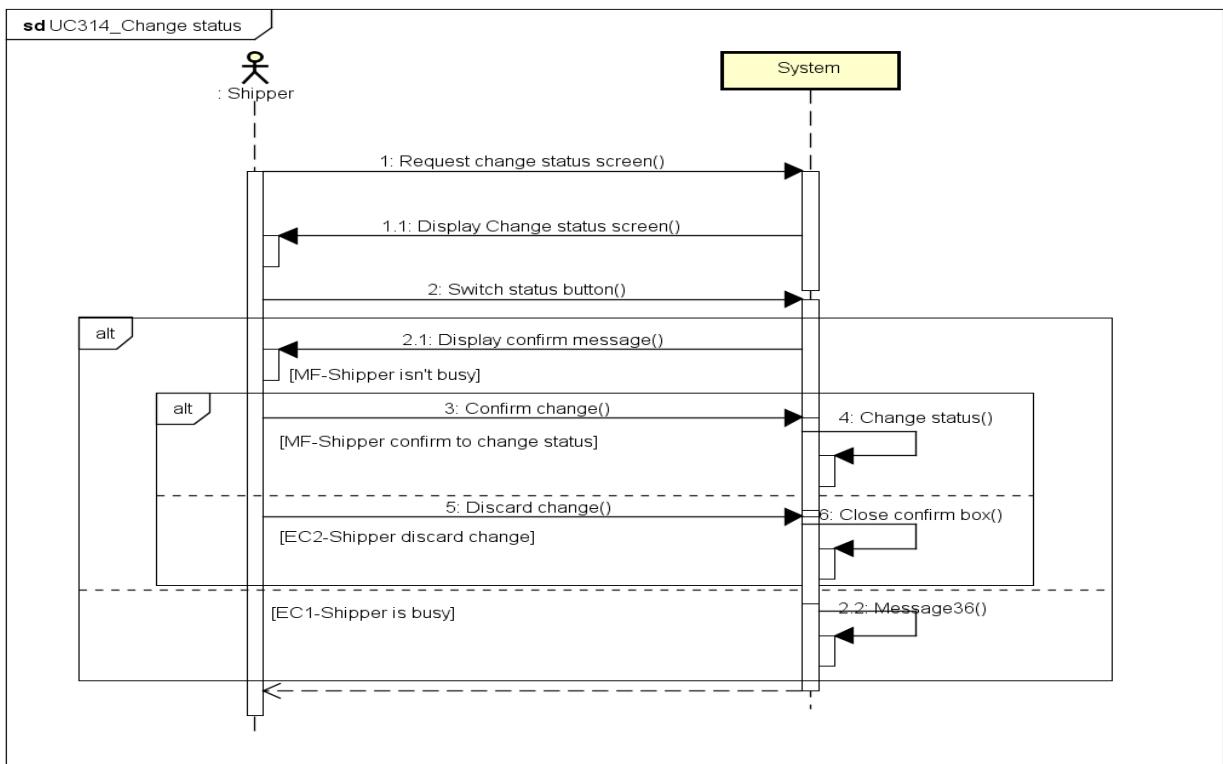


UC314 Change Working Status**Mockup Design**

Use Case ID:	3SP_314		
Use Case Name:	Change working status		
Created By:	HuyTDH	Last Updated By:	HuyTDH
Date Created:	19/09/2015	Date Last updated:	20/09/2015
Actor:	Shipper		
Description:	Shipper changes his working status “On working” / “Away”. And the system will decides to send shipping request to him or not.		
Triggering Event:	Shipper switches his status between ready to work or not ready.		
Preconditions:	Shipper logged in Shipper current status is not “Busy”		
Post conditions:	Working status changed to “On working” / ”Away”		
Priority:	Normal		
Frequency of Use:	Sometimes		
Main flow			

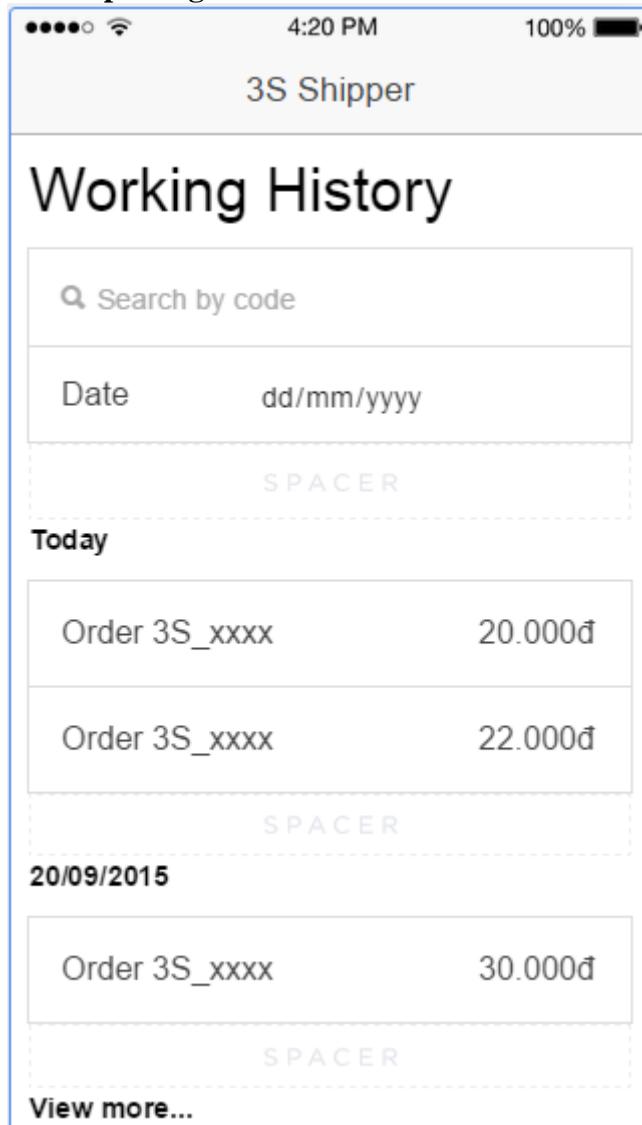
Step	Actor	Action
3.	Shipper	Shipper expands menu bar and tabs on "Change status"
4.	System	System displays current status "On working" or "Away"
5.	Shipper	Shipper switches status button
6.	System	System shows confirm message "Confirm change your status to [ABC]" ([ABC] is "On working" or "Away")
7.	Shipper	Shipper tabs on "Confirm"
8.	System	System changes the status
Alternative Flows:		N/A
Exceptions:		
EC1	Shipper is on the way to ship some orders	
Step	Actor	Action
1	System	System displays current status "Busy"
2	Shipper	Shipper tabs on "Change"
	System	System shows message "You can't change status while shipping. Complete all in-working orders or contact to Admin"
Includes:		N/A
Special Requirements:		N/A
Notes and Issues:		Change status should have time

Sequence Diagram



UC315 View History

Mockup Design



Use Case ID:	3SP_315	
Use Case Name:	View history	
Created By:	HuyTDH	Last Updated By: HuyTDH
Date Created:	19/09/2015	Date Last updated: 26/09/2015
Actor:	Shipper	
Description:	Shipper views his working history to know how much salary and bonus he will get or evidence when problem occurs.	
Triggering Event:	Shipper reviews history	
Preconditions:	Shipper logged in	
Post conditions:	Working history of that shipper will be displayed	
Priority:	High	
Frequency of Use:	Often	
Main flow		
Step	Actor	Action

1.	Shipper	Shipper chooses "History" from menu
2.	System	System load history saving in device memory
3.	System	System displays working history of that shipper, also includes bellow feature: <ul style="list-style-type: none"> - Date filter - Order code filter - List of history orders - "View more" link if there more orders is not yet displayed

Alternative Flows:

AT1	At step 2, working history in device was cleared and shipper has to load from server
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Step	Actor	Action
2.1	System	System shows message "Can't find working history. Reload from server?"
2.2	Shipper	Shipper tabs on "Reload"
2.3	System	Load history log from server and save to device
		Go to step 3 of main flow

N/A

Exceptions:

N/A

Includes:	N/A
Special Requirements:	Default will display last 20 orders Click "See more" will load 20 more orders
Notes and Issues:	History will be save in device memory Shipper don't need internet to load history

Sequence Diagram