

**TRƯỜNG ĐẠI HỌC FPT**

Capstone Project Document

SUPER SHIPPER SYSTEM Software Requirement Specification

Super Shipper System		
Group Members	Le Van Quy Hoang	SE90184
	Tran Dinh Hoang Huy	SE90201
	Nguyen Khac Hoang	SE02564
	Kieu Cao Khanh	SE02960
	Nguyen Van Quyen	SE02884
	Nguyen Thi Hong Nhung	SE02437
Supervisor	Mr. Tran Binh Duong	
Project code	3S	

TABLE OF CONTENTS

1. FUNCTIONAL REQUIREMENTS	2
1.1. Web application for Admin	2
1.1.1. User Case Diagram	2
1.1.2. Functions	3
<i>UC- 101: Admin Login</i>	3
<i>UC- 103: Admin Change Password</i>	4
<i>UC- 104: Admin Forgot Password</i>	5
<i>UC- 105: Add Store</i>	6
<i>UC- 106: Search Store</i>	7
<i>UC- 107: View Store's list</i>	7
<i>UC- 108: Block store</i>	8
<i>UC- 109: View Store's details</i>	9
<i>UC- 110: Send message to Store</i>	9
<i>UC- 111: Confirm Store's payment</i>	10
<i>UC- 112: View exchange history of Store</i>	11
<i>UC- 113: Add Shipper</i>	12
<i>UC- 114: View Shipper's list</i>	12
<i>UC- 115: View Order's list</i>	13
<i>UC- 117: Search Shipper</i>	14
<i>UC- 117: Search Order</i>	14
<i>UC- 118: View Shipper's profile</i>	15
<i>UC- 119: View Order's profile</i>	16
<i>UC- 120: Update Shipper</i>	16
<i>UC- 121: Update Shipper</i>	17
<i>UC- 122: Add new Order</i>	18
<i>UC- 123: Print bill</i>	19
<i>UC- 124: Assign Task</i>	19
1.2. Web application for Store	21
1.2.1. User Case Diagram	21
1.2.2. Function	21
<i>UC-201: Register</i>	21
<i>UC-202: Login</i>	23
<i>UC-203: Logout</i>	24
<i>UC-204: Change password</i>	25
<i>UC-205: Forgot password</i>	26
<i>UC-206: View profile</i>	27
<i>UC-207: Edit profile</i>	27
<i>UC-208: Create order</i>	28
<i>UC-209: View order's list</i>	30
<i>UC-210: Search orders</i>	30
<i>UC-211: Cancel order</i>	31
<i>UC-212: Edit Order</i>	32
<i>UC- 213: Order's details</i>	33
<i>UC-214: View analysis</i>	33
<i>UC-215: View notifications</i>	34
<i>UC-216: Rate shipper</i>	34
<i>UC-217: Send feedback</i>	36
1.3. Mobile application for Shipper	37
1.3.1. User Case Diagram	37
1.3.2. Function	38
<i>UC-301: Login</i>	38
<i>UC-302: Logout</i>	38
<i>UC-303: Forgot password</i>	39
<i>UC-304: Change password</i>	40

UC-305: View Profile41

UC-306: Update Profile41

UC-307: Confirm Code42

UC-308: Grab order43

UC-309: View orders list44

UC-311: UC-31144

UC-312: Find best way.....45

UC-313: Send issue's information46

UC-315: View history.....47

UC-314: Change working status48

[illegible]

1. FUNCTIONAL REQUIREMENTS

1.1. Web application for Admin

1.1.1. User Case Diagram

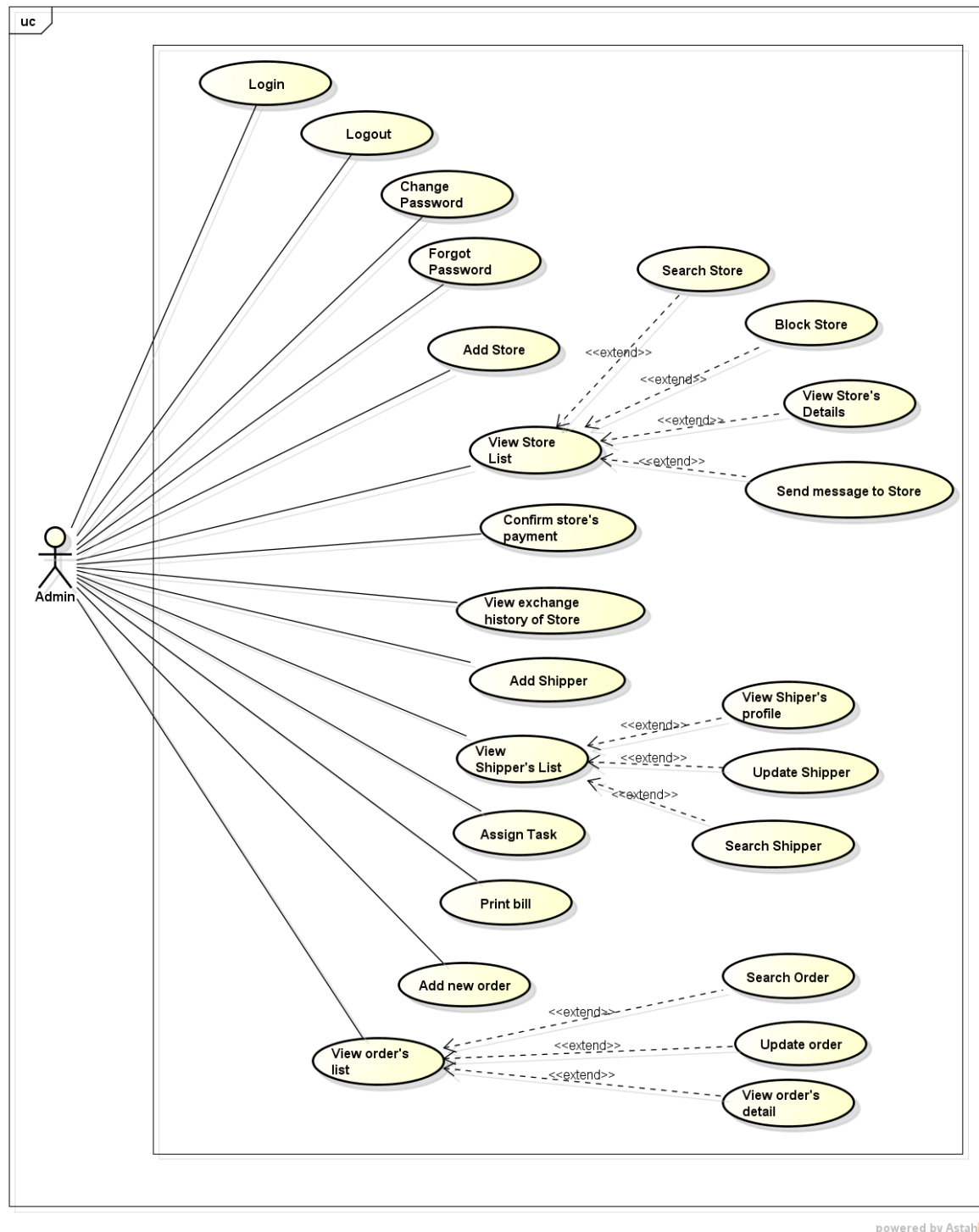


Figure 11: User case diagram of Web Application for Admin

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: <ul style="list-style-type: none">- 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: Add Store

Use Case ID:		UC-105	
Use Case Name:		Add Store	
Created By:		HoangNK	Last Updated By: HoangNK
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Admin	
Description:		Admin adds a new Store to system	
Preconditions:		Admin login to system	
Post conditions:		New Store is added to database	
Priority:		High	
Frequency of Use:		Sometime	
Main flow			
Step	Actor	Action	
6.	Admin	Click “Store” button in left navigate bar	
7.	System	Display “Store” menu	
8.	Admin	Click “Add new Store” button	
9.	System	Display “Add new Store” screen	
10.	Admin	Click “Accept” button to accept to add new Store	
11.	System	Display confirm popup includes “Yes” and “No” button	
12.	Admin	Click “Yes” button	
13.	System	Close popup and hide this store from list	
14.	System	Add new Store to database of System	
Alternative Flows:		N/A	
Exceptions:			
EC1	At step 5, Admin click on “Decline” button		
Step	Actor	Action	
5.1	System	Delete this store from list	
EC2	At step 7, Admin click on “No” button		
Step	Actor	Action	
7.1	System	Close popup	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		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: 19/09/2015
Actor:		Admin	
Description:		Admin search store by Name, Address or Type	
Preconditions:		Admin login to system	
Post conditions:		Display Store as result of case insensitive search	
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	Choose type of searching: Name, Address or Type	
4.	Admin	Enter text to “Search” text box	
5.	Admin	Click “Search” button or press “Enter”	
6.	System	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:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

UC- 107: View Store's list

Use Case ID:		UC-107	
Use Case Name:		View Store’s list	
Created By:		HoangNK	Last Updated By: HoangNK
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Admin	
Description:		Admin views list of Store	
Preconditions:		Admin login to system	
Post conditions:		List of store is displayed	
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
Assumptions:		N/A
Notes and Issues:		N/A

UC- 108: Block store

Use Case ID:		UC-108
Use Case Name:		Block store
Created By:	HoangNK	Last Updated By: HoangNK
Date Created:	19/09/2015	Date Last updated: 19/09/2015
Actor:		Admin
Description:		Admin block or unblock store’s information
Preconditions:		Admin login to system
Post conditions:		Store is blocked or is unblocked
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 “Store’s list” button
4.	System	Display “Store’s List” screen
5.	Admin	Click “Block”(“Unblock”) button
6.	System	Display confirm popup includes “Yes” and “No” button
7.	Admin	Click “Yes” button
8.	System	Hide popup and change store’s status of blocking
9.	System	Store is blocked or unblocked
Alternative Flows:		
AT1	At step 5, if admin click “View store’s details”	
Step	Actor	Action
5	Admin	Click Store’s name in row (hyperlink)
6	System	Display “View Store’s details” screen
7	Admin	Click “Block” (“Unblock”) button below avatar
8	System	Go to step 7 of main flow and continue
Exceptions:		
EC2	At step 7, Admin click on “No” button	
Step	Actor	Action
7.1	System	Close popup
Includes:		N/A
Special Requirements:		N/A
Assumptions:		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: 19/09/2015
Actor:		Admin	
Description:		Admin view details of a Store	
Preconditions:		Admin login to system	
Post conditions:		Details of Store are 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 “Store’s list” button	
4.	System	Display “Store’s List” screen	
5.	Admin	Click Store’s name in row (hyperlink)	
6.	System	Display “View Store’s details” screen includes store’s details	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		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 send message to Store	
Preconditions:		Admin login to system	
Post conditions:		Store received message	
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 “Store’s list” button	
4.	System	Display “Store’s List” screen	
5.	Admin	Click “Send message” button	

6.	System	Display “Send message” screen
7.	Admin	Fill information in textbox
8.	Admin	Click “Send” button
9.	System	Send this message to store
Alternative Flows:		
AT1	At step 5, if admin click “View store’s details”	
Step	Actor	Action
5	Admin	Click Store’s name in row (hyperlink)
6	System	Display “View Store’s details” screen
7	Admin	Click “Send message” button below avatar
8	System	Go to step 6 of main flow and continue
Exceptions:		
EC2	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:		N/A
Assumptions:		N/A
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: 19/09/2015
Actor:		Admin	
Description:		Admin confirm store’s payment	
Preconditions:		Admin login 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	Display 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:		
EC2	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:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

UC- 112: View exchange history of Store

Use Case ID:		UC-112	
Use Case Name:		View exchange 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 view exchange history of Store	
Preconditions:		Admin login to system	
Post conditions:		List of exchange 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 “Exchange history” button	
4.	System	Display “Exchange 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 “Exchange history” button	
9	System	Go to step 4 of main flow	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	

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

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:		Admin adds a new Shipper to system	
Preconditions:		Admin login to system	
Post conditions:		New Shipper is 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 to	
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	Action	
5.1	System	Notify in screen by error message “*is require”	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
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 views list of Shipper		
Preconditions:	Admin login 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	Display “Shipper’s List” screen
Alternative Flows:		N/A
Exceptions:		N/A
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
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 views list of Order	
Preconditions:		Admin login 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	Display “Order’s List” screen	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
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 search Shipper by Name, ID or Address	
Preconditions:		Admin login to system	
Post conditions:		Display Shipper as result of case insensitive search	
Priority:		High	
Frequency of Use:		Always	
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	Choose type of Shipper: Name, Address or ID	
4.	Admin	Enter text to “Search” text box	
5.	Admin	Click “Search” button or press “Enter”	
6.	System	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:		N/A	
Assumptions:		N/A	
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 search Order by Type, Address, Date, Store’s name or Shipper’s name	
Preconditions:		Admin login to system	
Post conditions:		Display Order as result of case insensitive search	
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	Choose type of Order: Type, Address, Date, Store's name or Shipper's name
4.	Admin	Enter text to "Order" text box
5.	Admin	Click "Order" button or press "Enter"
6.	System	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:		N/A
Assumptions:		N/A
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: 19/09/2015
Actor:		Admin	
Description:		Admin view profile of a Shipper	
Preconditions:		Admin login to system	
Post conditions:		Profile of Shipper is displayed	
Priority:		Normal	
Frequency of Use:		Sometime	
Main flow			
Step	Actor	Action	
7.	Admin	Click “Shipper” button in left navigate bar	
8.	System	Display “Shipper” menu in left navigate bar	
9.	Admin	Click “Shipper’s list” button	
10.	System	Display “Shipper’s List” screen	
11.	Admin	Click Shipper’s name in row (hyperlink)	
12.	System	Display “View Shipper’s profile” screen includes Shipper’s profile	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

UC- 119: View Order's profile

Use Case ID:		UC-119	
Use Case Name:		View Order’s profile	
Created By:		HoangNK	Last Updated By: HoangNK
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Admin	
Description:		Admin view details of Order	
Preconditions:		Admin login to system	
Post conditions:		details of Order is displayed	
Priority:		Normal	
Frequency of Use:		Sometime	
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 ‘s list” button	
4.	System	Display “Order’s List” screen	
5.	Admin	Click Order’s name in row (hyperlink)	
6.	System	Display “View Order’s profile” screen includes Order’s profile	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		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 update Shipper’s information	
Preconditions:		Admin login to system	
Post conditions:		Information of Shipper is updated	
Priority:		Normal	
Frequency of Use:		Sometime	
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 “Shipper’s list” button	
4.	System	Display “Shipper’s List” screen	
5.	Admin	Click “Update” button	

6.	System	Display “Update Shipper” screen
7.	Admin	Enter new information to fields then click “Update” button
8.	System	Validate input
9.	System	Update Shipper’s new information to database then redirect to Shipper’s profile page
Alternative Flows:		
AT1	At step 5, if admin click “View Shipper’s profile”	
Step	Actor	Action
5	Admin	Click Shipper’s name in row (hyperlink)
6	System	Display “View Shipper’s profile” screen
7	Admin	Click “Update” button below avatar
8	System	Go to step 6 of main flow and continue
Exceptions:		
EC1	At step 8, if any required field is not entered	
Step	Actor	Action
7.1	System	Notify by error message in screen
EC2	At step 8, if any entered field is incorrect format	
Step	Actor	Action
7.2	System	Notify by error message in screen
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

UC- 121: Update Shipper

Use Case ID:		UC-121	
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 update Order’s information	
Preconditions:		Admin login to system	
Post conditions:		Information of Order is updated	
Priority:		Normal	
Frequency of Use:		Sometime	
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	Display “Order’s List” screen	
5.	Admin	Click “Update” button	
6.	System	Display “Update Order” screen	
7.	Admin	Enter new information to fields then click “Update” button	
8.	System	Validate input	
9.	System	Update Order’s new information to database then redirect to	

		Order's details page
Alternative Flows:		
AT1	At step 5, if admin click "View Order's details"	
Step	Actor	Action
5	Admin	Click Order's name in row (hyperlink)
6	System	Display "View Order's details" screen
7	Admin	Click "Update" button below avatar
8	System	Go to step 6 of main flow and continue
Exceptions:		
EC1	At step 8, if any required field is not entered	
Step	Actor	Action
7.1	System	Notify by error message in screen
EC2	At step 8, if any entered field is incorrect format	
Step	Actor	Action
7.2	System	Notify by error message in screen
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
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 adds a new Order to system	
Preconditions:		Admin login to system	
Post conditions:		New Order is added to database	
Priority:		High	
Frequency of Use:		Often	
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	Action	

7.1	System	Notify in screen by error message “*is require”
EC2	At step 8, if any entered field is incorrect format	
Step	Actor	Action
7.2	System	Notify by error message in screen
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

UC- 123: Print bill

Use Case ID:		UC-123	
Use Case Name:		Print bill	
Created By:		HoangNK	Last Updated By: HoangNK
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Admin	
Description:		Admin export bills to Excel file	
Preconditions:		Admin login to system	
Post conditions:		An Excel file is exported	
Priority:		High	
Frequency of Use:		Often	
Main flow			
Step	Actor	Action	
1.	Admin	Click “Print bill” button in left navigate bar	
2.	System	Display “Print bill” screen	
3.	Admin	Pick order which want to export then click “Print” button	
4.	System	Export these orders to Excel file	
Alternative Flows:		N/A	
Exceptions:			
EC1	At step 3, if Admin doesn’t pick any order		
Step	Actor	Action	
3.1	System	“Print” button isn’t active for click	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

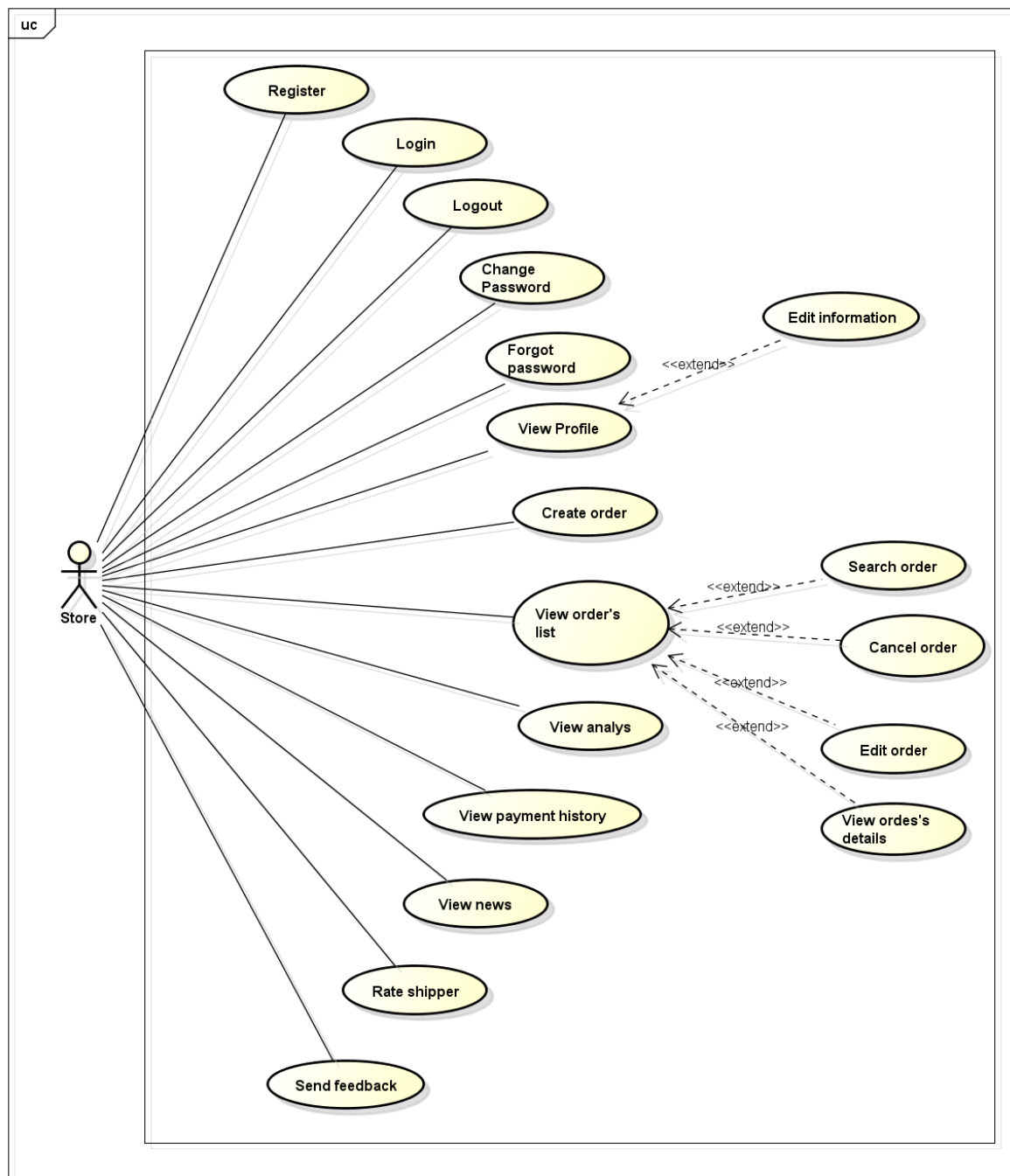
UC- 124: Assign Task

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 assign task for Shipper	

Preconditions:		Admin login 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	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:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

1.2. Web application for Store

1.2.1. User Case Diagram



powered by Astah

1.2.2. Function

UC-201: Register

Use Case ID:	UC-201		
Use Case Name:	Register		
Created By:	KhanhKC	Last Updated By:	KhanhKC

Date Created:		19/09/2015	Date Last updated:	19/09/2015
Actor:		Guest		
Description:		Visitor can create new account to use more function as a registered Store		
Preconditions:		Guest is on 3S website		
Post conditions:		<ul style="list-style-type: none">- Add account information to database- Send confirm email- Logs Guest into system- Redirect Guest to “Store” screen and display as Inactive Store		
Priority:		Normal		
Frequency of Use:		Sometime		
Main flow				
Step	Actor	Action		
1.	Guest	Click “Register”		
2.	System	Display “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	Click “Register”		
5.	System	Send confirm email		
6.	System	Logs Guest into system		
7.	System	Display “Store” screen as Inactive Store		
Alternative Flows:		N/A		
Exceptions:				
EC1	At step 4, Store click “Cancel” button			
Step	Actor	Action		
4.1	System	Display “Confirm” popup		
4.2	Store	Click “Yes” button		
4.3	System	Display “Homepage” for Guest		
EC2	At step 4.2, Store click on “No” button.			
Step	Actor	Action		
4.1	System	Close popup.		
EC3	At step 4, required fields are not entered			
Step	Actor	Action		
4.1	System	Display “Register” screen with error message “*is require”		

4.2	System	Mark error fields
EC4	At step 4, fields are entered with wrong type of data	
Step	Actor	Action
4.1	System	Display “Register” screen with error message
4.2	System	Mark error fields
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
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: 19/09/2015
Actor:		Store
Description:		Store login to 3S system.
Preconditions:		Store on the “Homepage” of 3S website Store account must be exists
Post conditions:		Log Store into system Redirect Store to “Store” screen and display as Store
Priority:		Normal
Frequency of Use:		Sometime
Main flow		
Ste	Actor	Action
1.	Store	Click “Login” Hyperlink on Homepage
2.	System	Display “Login” popup includes: - User name text box - Password text box - Login button - Cancel button - Forgot password hyperlink
3.	Store	Enters User name and Password
4.	Store	Click “Login”
5.	System	Logs Store into system
6.	System	Close popup
7.	System	Display previous screen as Store
Alternative:		
Exceptions:		
EC1	At step 3, Store choose Cancel	
Ste	Actor	Action
3.1	System	Closes popup.
EC2	At step 4 in the main flows, if Store click other hyperlinks	

Ste	Actor	Action
3.1	Svstem	Redirects Store to chosen hyperlink
EC3	At step 4 in main flow, if Store entered wrong User name or Password	
Ste	Actor	Action
3.1	Svstem	Display “Login” popup message with error message
3.2	Svstem	Mark error fields
Includes:		N/A
Special Requirements:		N/A
Assumptions:		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: 19/09/2015
Actor:		Store	
Description:		When Store want to logout their account	
Preconditions:		Store logged in to system	
Post conditions:		Log Store out from system. Redirect Store to “Login” screen	
Priority:		Normal	
Frequency of Use:		Sometime	
Main flow			
Step	Actor	Action	
1.	Store	Click Logout	
2.	System	Display “Confirm” popup.	
3.	Store	Click “Yes” button	
4.	System	Display Homepage for Guest	
Alternative Flows:			
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

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: 19/09/2015
Actor:		Store
Description:		Store want to change login password.
Preconditions:		Store are on profile screen
Post conditions:		New password have been saved in database.
Priority:		Normal
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	Display “Change password” screen with message “ Change password sUC-cessful”
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”
4.2	System	Mark error fields
EC2	At step 2, fields are entered with wrong format of data	
Step	Actor	Action
4.1	System	Display “Change password” screen with error message
4.2	System	Mark error fields
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.
4.2	System	Mark error fields
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

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: 19/09/2015
Actor:		Store	
Description:		This function help store receive their login password when they forgot.	
Preconditions:		Store on the “Login” popup Store are registered	
Post conditions:		An email has been send to registered email of Store	
Priority:		Normal	
Frequency of Use:		Sometime	
Main flow			
Step	Actor	Action	
1.	Store	Click “Forgot password” hyperlink on “Login” popup	
2.	System	Display “Forgot” popup includes: - Email text box - Submit button	
3.	Guest	Enters registered email.	
4.	Guest	Click “Submit” button	
5.	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	System	
4.2	System	Mark error fields	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

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: 19/09/2015
Actor:		Store	
Description:		Help Store view their own 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	
Assumptions:		N/A	
Notes and Issues:		N/A	

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: 19/09/2015
Actor:		Store	
Description:		Help store edits 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	Display “Profile” screen.
Alternative Flows:		N/A
Exceptions:		
EC1	At step 3, fields are entered with wrong format of data	
Step	Actor	Action
4.1	System	Display “Edit profile” screen with error message
4.2	System	Mark error fields
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

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: 19/09/2015
Actor:		Store
Description:		Store create order to request deliver
Preconditions:		Store are logged.
Post conditions:		Order information have been send to system and saved to database.
Priority:		High
Frequency of Use:		Often
Main flow		
Step	Actor	Action
15.	Store	Click “Create order” button
16.	System	Display “Create order” screen includes: - “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 - “Cancel” button
17.	Store	Enters data in fields
18.	Store	Click “Submit” button
19.	System	Display “Order details” screen

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 not entered	
Step	Actor	Action
4.1	System	Display Register screen with error message “*is require”
4.2	System	Mark error fields
EC2	At step 4, fields are entered with wrong type of data	
Step	Actor	Action
4.1	System	Display Register screen with error message
4.2	System	Mark error fields
EC3	At step 4, Store click “Cancel” button	
Step	Actor	Action
4.1	System	Redirects Store to previous screen
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

UC-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: 19/09/2015
Actor:		Store	
Description:		Display list of all order created by Store.	
Preconditions:		Store logged into system.	
Post conditions:		“Order’s list” screen are displayed.	
Priority:		Normal	
Frequency of Use:		Often	
Main flow			
Step	Actor	Action	
1.	Store	Click on “Order’s list” menu	
2.	System	Display “Order’s list” includes details information of Store	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

UC-210: Search orders

Use Case ID:		UC-210	
Use Case Name:		Search orders	
Created By:		KhanhKC	Last Updated By: KhanhKC
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Store	
Description:		Display orders by code.	
Preconditions:		Store on “Order’s list” screen.	
Post conditions:		Searched result are displayed on screen.	
Priority:		Normal	
Frequency of Use:		Often	
Main flow			
Step	Actor	Action	
1.	Store	Input code	
2.	Store	Click on “Search” button	
3.	System	Display searched result on screen.	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		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: 19/09/2015
Actor:		Store	
Description:		Help Stores cancel uncompleted orders.	
Preconditions:		Store are on “Order’s list” screen	
Post conditions:		- 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 “Cancel” button on the row contain order information.	
2.	System	Display confirm popup	
3.	Store	Click “Yes” button	
4.	System	Change status of order to “Cancel”	
Alternative Flows:		N/A	
Exceptions:			
EC1	At step 3, Store click “No” button		
Step	Actor	Action	
3.1	System	Close popup	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		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: 19/09/2015
Actor:		Store	
Description:		Help Store edits information of orders.	
Preconditions:		Store are on “Order’s list” screen or Store are on “Order details” screen.	
Post conditions:		New Order information have been display on details screen and updated in database.	
Priority:		Normal	
Frequency of Use:		Sometime	
Main flow			
Step	Actor	Action	
1.	Store	Click “Edit” button on the row contain order information.	
2.	System	Display “Order details” popup: - “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” popup with updated information.	
Alternative Flows:		N/A	
Exceptions:			
EC1	At step 1, Store click on “Edit” button on “Order details” popup.		
Step	Actor	Action	
1.1	System	Change fields on “Order details” to editable.	
1.2	Go to “Step 2”		
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		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: 19/09/2015
Actor:		Store	
Description:		Display details information of orders.	
Preconditions:		Store on “Order’s list” screen.	
Post conditions:		“Order’s details” screen are displayed.	
Priority:		Normal	
Frequency of Use:		Often	
Main flow			
Step	Actor	Action	
1.	Store	Click on row contain order information	
2.	System	Display “Order’s details” popup includes details information of Order.	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

UC-214: View analysis

Use Case ID:		UC-214	
Use Case Name:		View analysis	
Created By:		KhanhKC	Last Updated By: KhanhKC
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Store	
Description:		Display report and analysis all transaction of Store	
Preconditions:		Store on “Store” screen.	
Post conditions:		“Analysis” screen are displayed.	
Priority:		Normal	
Frequency of Use:		Often	
Main flow			
Step	Actor	Action	
1.	Store	Click on “Analysis” menu item on “Menu bar”	
2.	System	Display “Analysis” screen.	
Alternative Flows:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	

Notes and Issues:	N/A
--------------------------	-----

UC-215: View notifications

Use Case ID:		UC-215	
Use Case Name:		View notifications	
Created By:		HuyTDH	Last Updated By: HuyTDH
Date Created:		20/09/2015	Date Last updated: 20/09/2015
Actor:		Store	
Description:		Store views notifications from system (promotion news, payment warning, etc...)	
Preconditions:		Store logged in, internet connection is on	
Post conditions:		All notifications will be listed out	
Priority:		Normal	
Frequency of Use:		Sometimes	
Main flow			
Ste	Actor	Action	
8.	Store	Store click on “Notification” icon	
9.	Store	Store chooses “View all notifications”	
10	System	System listed out all notifications ordered by time	
Alternative:		N/A	
Exceptions:		N/A	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

UC-216: Rate shipper

Use Case ID:	UC-216		
Use Case Name:	Rate shipper		
Created By:	HuyTDH	Last Updated By:	HuyTDH
Date Created:	20/09/2015	Date Last updated:	20/09/2015
Actor:	Store		
Description:	Shipper rates service quality of shipper for each order		
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		

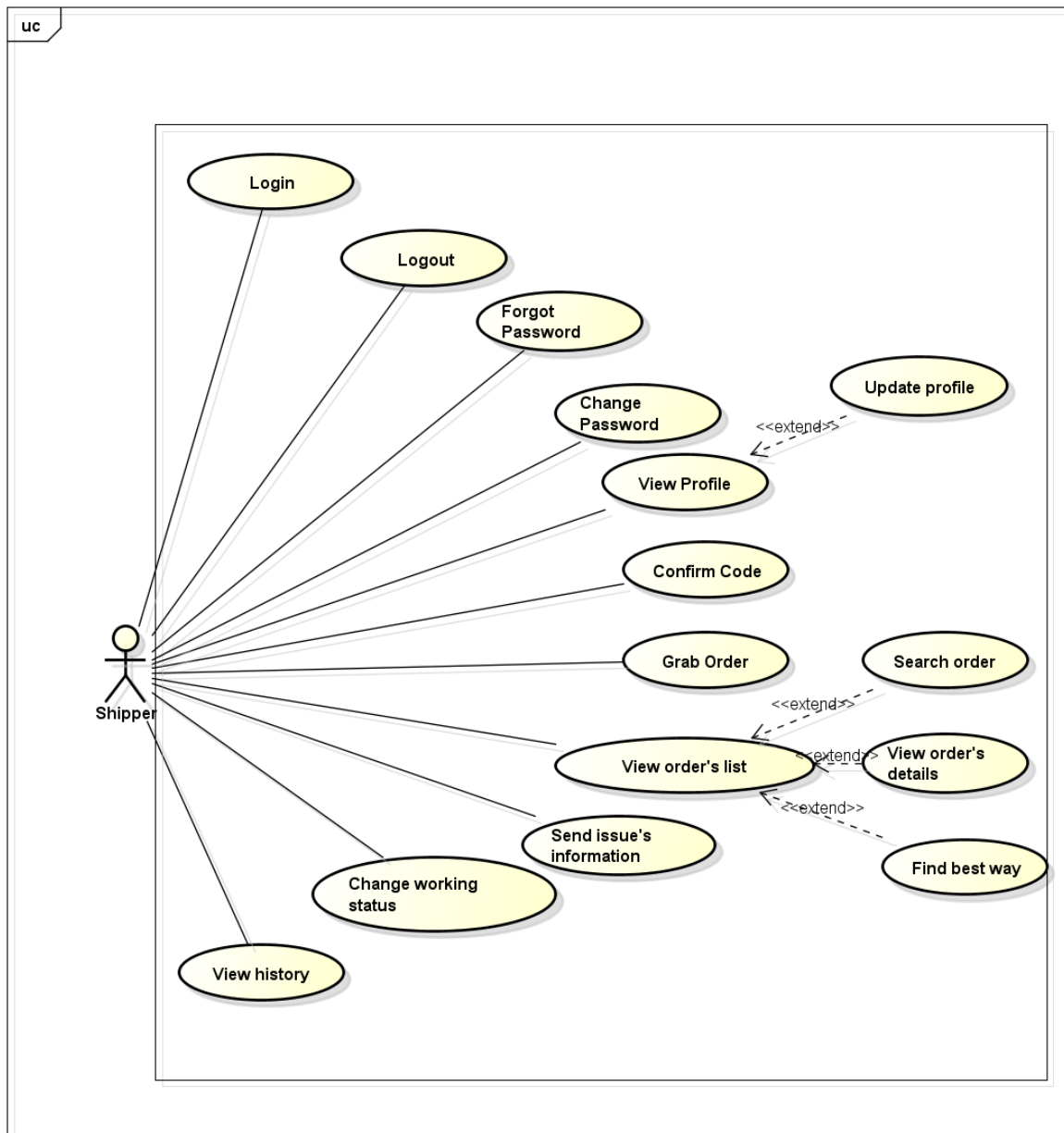
Main flow		
Step	Actor	Action
5.	Store	Store goes to “Order List”
6.	Store	Chooses “Rate Shipper”
7.	System	Displays “Shipper Rating” pop-up
8.	Store	Selects rate score (1-5 stars)
9.	Store	Enters some content
10.	Store	Store clicks on “Send”
11.	System	System shows message “Thanks for your rating!”
Alternative Flows:		
Exceptions:		
EC1	There’s no shipper has taken that order:	
Step	Actor	Action
4.1	Store	Store chooses “Rate Shipper”
4.2	System	System shows error message “There’s no shipper has taken this order”
Includes:		N/A
Special Requirements:		N/A
Assumptions:		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: HuyTDH
Date Created:		20/09/2015	Date Last updated: 20/09/2015
Actor:		Store	
Description:		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	Store chooses “Send feedback” from top-right of any screen	
9.	System	System displays “Send feedback” pop-up	
10.	Store	Store enters some content	
11.	Store	Store clicks on “Send”	
12.	System	System shows message “Thanks for your feedback! We will	
Alternative Flows:		N/A	
Exceptions:			
EC1	Store sends many feedback in short period of time:		
Step	Actor	Action	
4.1	Store	Store clicks “Send”	
4.2	System	System shows message “Please wait x minutes to send next feedback!”	
EC2	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	
Assumptions:		N/A	
Notes and Issues:		N/A	

1.3. Mobile application for Shipper

1.3.1. User Case Diagram



powered by Astah

1.3.2. Function

UC-301: Login

Use Case ID:	UC-301		
Use Case Name:	Login		
Created By:	QuyenNV	Last Updated By:	QuyenNV
Date Created:	19/09/2015	Date Last Updated:	19/09/2015
Actor:	Shipper		
Description:	Shipper login to mobile application.		
Preconditions:	Internet connection is established.		
Post - conditions:	The shipper’s session is stored.		
Priority:	High		
Frequency of Use:	Sometime		
Main flow			
Step	Actor	Action	
20.	Shipper	Click “Login” button on main screen	
21.	System	Display “Login” screen	
22.	Shipper	Enter information (username and password).	
23.	System	Check input information	
24.	System	Grant access to system and redirect to Search screen	
Alternative Flows:		N/A	
Exceptions:			
EC1	At step 4, if account’s information is incorrect		
Step	Actor	Action	
4.1	System	Notify in screen with error message	
EC2	At step 4, if username or password is incorrect format		
Step	Actor	Action	
4.1	System	Notify in screen with error message	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

UC-302: Logout

Use Case ID:	UC-302		
Use Case Name:	Logout		
Created By:	QuyenNV	Last Updated By:	QuyenNV
Date Created:	19/09/2015	Date Last Updated:	19/09/2015
Actor:	Shipper		
Description:	When shipper finish their work they will logout of the system.		
Preconditions:	<ul style="list-style-type: none"> - 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 to the database.
3.	System	Redirect to “Login” screen of mobile application
Alternative Flows:		N/A
Exceptions:		N/A
Includes:		N/A
Special Requirements:		If the system is crashed or is forced to close unexpectedly the logged in shipper will be logged out.
Assumptions:		N/A
Notes and Issues:		N/A

UC-303: Forgot password

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: 19/09/2015
Actor:		Shipper	
Description:		<ul style="list-style-type: none">- When shipper forgot their password. Shipper wants reset their password.- On “Login” Screen	
Preconditions:		<ul style="list-style-type: none">- To have internet connection through device	
Post - conditions:		<ul style="list-style-type: none">- Reset password request is sent to the server side	
Priority:		High	
Frequency of Use:		Sometime	
Main flow			
Step	Actor	Action	
1.	Shipper	Click “Forgot password” button.	
2.	System	Display “Enter email” screen for shipper.	
3.	Shipper	Enter required email and click “Send” button.	
4.	System	Validate email	
5.	System	Send password to this email and redirect to “Login” screen	
Alternative Flows:		N/A	
Exceptions:			
EC1	At step 4, if email does not exist in database		

Step	Actor	Action
4.1	System	Notify in screen with error message: “This email does not exist..”
Includes:		N/A
Special Requirements:		Email: 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.
Assumptions:		N/A
Notes and Issues:		N/A

UC-304: Change password

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: 19/09/2015
Actor:		Shipper	
Description:		Shipper wants change their 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">- Change password request is sent to the server side	
Priority:		High	
Frequency of Use:		Sometime	
Main flow			
Step	Actor	Action	
1.	Shipper	Click “Change Password” button on navigate bar	
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.
Assumptions:	N/A
Notes and Issues:	The content of the error messages will be decided by developers.

UC-305: View Profile

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: 19/09/2015
Actor:		Shipper	
Description:		Shipper wants to view his/her information.	
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	
9.	Shipper	Click “Profile” button in left navigate bar	
10.	System	Display “Profile” screen	
Alternative Flows:		N/A	
Exceptions:			
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:			

UC-306: Update Profile

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: 19/09/2015
Actor:		Shipper	
Description:		Shipper wants to edit their information.	
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:		Update profile request is sent to server side	
Priority:		Low	
Frequency of Use:		Sometime	
Main flow			
Step	Actor	Action	

11.	Shipper	Click [Edit Profile] button
12.	System	Display [Edit profile] screen
13.	Shipper	Enter required information (Name, Email, Phone Number, Identity Card, Date of Birth, Address)
14.	Shipper	Click [Save] button
15.	System	Validate input
16.	System	Store new information of Shipper into database
17.	System	Send sUC-cess message to shipper
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 6	
	Shipper cannot establish a connection to the database due to some reasons (ex: network failure).	
Step	Actor	Action
6.1	System	An error message will show up to tell the shipper about the problem.
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		The content of the error messages will be decided be developers.

UC-307: Confirm Code

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: 19/09/2015
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.
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 on [View Order's Details] screen.
2.	System	Display [Enter Code]
3.	Shipper	Enter code which be provided by customer
4.	System	Queries the Order database
5.	System	Redirect to [View Order's Details] screen

Alternative Flows:		N/A
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:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		The content of the error messages will be decided be developers.

UC-308: Grab order

Use Case ID:		UC-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
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
1.	System	send shipping request to shipper's app
2.	Shipper	tabs on button "Grab" to take the order
3.	System	adds order to shipper's working
4.	System	changes shipper's status to "Busy"
Alternative:		N/A
Exceptions:		
EC1	Shipper ignores request	
Step	Actor	Action
1	Shipper	tabs on button "Ignore"
4.2	System	show confirm box
	Shipper	confirms to ignore

	System	show warning “You have ignored x order(s) today!”
EC2	Shipper tabs on button “Grab” later than another shipper	
Step	Actor	Action
4.1	Shipper	tabs on “Grab”
4.2	System	show message “The order has taken by another shipper!”
Exceptions:		N/A
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

UC-309: View orders list

Use Case ID:		UC-309	
Use Case Name:		View orders list	
Created By:		HuyTDH	Last Updated By: HuyTDH
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Shipper	
Description:		Shipper see the list of his in-working orders	
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	
12.	Shipper	expands menu bar and chooses “In-working orders”	
13.	System	shows list in-working orders of that shipper	
Alternative Flows:			
Exceptions:			
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

UC-311: UC-311

Use Case ID:		UC-311	
Use Case Name:		View order’s detail	
Created By:		HuyTDH	Last Updated By: HuyTDH
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Shipper	
Description:		Shipper view detail of an order	

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
5.	Shipper	Shipper enters “In-Working Orders” screen
6.	Shipper	Shipper tabs on “View detail” of that order from the list
7.	System	Displays the detail information of order, includes: <ul style="list-style-type: none"> - Order code - Order status - Start address - End address - ProdUC-ts information
Alternative Flows::		
AT1	Shipper views detail from history:	
Step	Actor	Action
1.1	Shipper	enters “History” screen
1.2	Shipper	tabs on “View detail” of that order from the list
1.3	System	displays the detail
Exceptions:		N/A
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

UC-312: Find best way

Use Case ID:		UC-312	
Use Case Name:		Find best way	
Created By:		HuyTDH	Last Updated By: HuyTDH
Date Created:		19/09/2015	Date Last updated: 19/09/2015
Actor:		Shipper	
Description:		Shipper use system to find out the shortest way to go to destinations.	
Preconditions:		Shipper logged in Internet connection is on GPS is on	
Post conditions:		The shortest way to destinations will be displayed on map.	
Priority:		High	
Frequency of Use:		Always	
Main flow			
Step	Actor	Action	

6.	Shipper	Selects “Find best way” from menu
7.	System	Shows “Find best way” screen, includes: <ul style="list-style-type: none"> - Google map - Destinations select box
8.	Shipper	Chooses one or all destinations
9.	Shipper	Taps on “Find”
10.	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	Displays message “Please turn on GPS and retry”
1.2	Shipper	Turn on GPS
1.3	Go to step 2 of main flow	
Includes:		N/A
Special Requirements:		N/A
Assumptions:		N/A
Notes and Issues:		N/A

UC-313: Send issue's information

Use Case ID:		UC-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	
Preconditions:		N/A	
Post conditions:		N/A	
Priority:		High	
Frequency of Use:		Sometimes	
Main flow			
Step	Actor	Action	
6.	Shipper	Chooses “Send Issue” from Menu	
7.	System	Displays “Send Issue Box”	
8.	Shipper	Shipper types “Description”, chooses “Issue Category”, and could select one or all of his in-working orders.	
9.	Shipper	Shipper tabs on “Send”	
10.	System	Shows message “Issue has sent to system. Wait for Admin to solve”	
Alternative Flows:		N/A	
Exceptions:		N/A	

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

UC-315: View history

Use Case ID:		UC-315	
Use Case Name:		View history	
Created By:	HuyTDH	HuyTDH	HuyTDH
Date Created:	19/09/2015	19/09/2015	19/09/2015
Actor:	Shipper		
Description:	Shipper views his working 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	1. Shipper chooses “History” from menu	
2.	System	2. System displays working history of that shipper, also includes bellow feature: - Date filter - Order code filter	
Alternative Flows:			
N/A			
Exceptions:			
N/A			
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	

UC-314: Change working status

Use Case ID:		UC-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”	
Preconditions:		Shipper logged in Internet connection is on	
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 chooses “Change status”	
4.	System	displays current status “On working” or ”Away”	
5.	Shipper	Shipper tabs on “Change”	
6.	System	changes the status	
Alternative Flows:		N/A	
Exceptions:			
EC1	Shipper is on the way to ship some orders		
Step	Actor	Action	
1	System	displays current status “Busy”	
2	Shipper	Shipper tabs on “Change”	
	System	shows message “You can’t change status while shipping. Complete your on-working orders or contact to Admin”	
Includes:		N/A	
Special Requirements:		N/A	
Assumptions:		N/A	
Notes and Issues:		N/A	