|  |
| --- |
|  |
| 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 | |

**- Hanoi, 09/2015 -**

TABLE OF CONTENTS

[1. FUNCTIONAL REQUIREMENTS 2](#_Toc430567930)

[1.1. Web application for Admin 2](#_Toc430567931)

[1.1.1. User Case Diagram 2](#_Toc430567932)

[1.1.2. Functions 3](#_Toc430567933)

[*UC- 101: Admin Login* 3](#_Toc430567934)

[*UC- 103: Admin Change Password* 4](#_Toc430567935)

[*UC- 104: Admin Forgot Password* 5](#_Toc430567936)

[*UC- 105: Add Store* 6](#_Toc430567937)

[*UC- 106: Search Store* 7](#_Toc430567938)

[*UC- 107:* *View Store’s list* 7](#_Toc430567939)

[*UC- 108:* *Block store* 8](#_Toc430567940)

[*UC- 109:* *View Store’s details* 9](#_Toc430567941)

[*UC- 110:* *Send message to Store* 9](#_Toc430567942)

[*UC- 111:* *Confirm Store’s payment* 10](#_Toc430567943)

[*UC- 112:* *View exchange history of Store* 11](#_Toc430567944)

[*UC- 113:* *Add Shipper* 12](#_Toc430567945)

[*UC- 114:* *View Shipper’s list* 12](#_Toc430567946)

[*UC- 115:* *View Order’s list* 13](#_Toc430567947)

[*UC- 117:* *Search Shipper* 14](#_Toc430567948)

[*UC- 117:* *Search Order* 14](#_Toc430567949)

[*UC- 118:* *View Shipper’s profile* 15](#_Toc430567950)

[*UC- 119:* *View Order’s profile* 16](#_Toc430567951)

[*UC- 120:* *Update Shipper* 16](#_Toc430567952)

[*UC- 121:* *Update Shipper* 17](#_Toc430567953)

[*UC- 122:* *Add new Order* 18](#_Toc430567954)

[*UC- 123:* *Print bill* 19](#_Toc430567955)

[*UC- 124:* *Assign Task* 19](#_Toc430567956)

[1.2. Web application for Store 21](#_Toc430567957)

[1.2.1. User Case Diagram 21](#_Toc430567958)

[1.2.2. Function 21](#_Toc430567959)

[*UC-201:* *Register* 21](#_Toc430567960)

[*UC-202:* *Login* 23](#_Toc430567961)

[*UC-203:* *Logout* 24](#_Toc430567962)

[*UC-204:* *Change password* 25](#_Toc430567963)

[*UC-205:* *Forgot password* 26](#_Toc430567964)

[*UC-206:* *View profile* 27](#_Toc430567965)

[*UC-207:* *Edit profile* 27](#_Toc430567966)

[*UC-208:* *Create order* 28](#_Toc430567967)

[*UC-209:* *View order’s list* 30](#_Toc430567968)

[*UC-210:* *Search orders* 30](#_Toc430567969)

[*UC-211:* *Cancel order* 31](#_Toc430567970)

[*UC-212:* *Edit Order* 32](#_Toc430567971)

[*UC- 213:* *Order’s details* 33](#_Toc430567972)

[*UC-214:* *View analysis* 33](#_Toc430567973)

[*UC-215:* *View notifications* 34](#_Toc430567974)

[*UC-216:* *Rate shipper* 34](#_Toc430567975)

[*UC-217:* *Send feedback* 36](#_Toc430567976)

[1.3. Mobile application for Shipper 37](#_Toc430567977)

[1.3.1. User Case Diagram 37](#_Toc430567978)

[1.3.2. Function 38](#_Toc430567979)

[*UC-301:* *Login* 38](#_Toc430567980)

[*UC-302:* *Logout* 38](#_Toc430567981)

[*UC-303:* *Forgot password* 39](#_Toc430567982)

[*UC-304:* *Change password* 40](#_Toc430567983)

[*UC-305:* *View Profile* 41](#_Toc430567984)

[*UC-306:* *Update Profile* 41](#_Toc430567985)

[*UC-307:* *Confirm Code* 42](#_Toc430567986)

[*UC-308:* *Grab order* 43](#_Toc430567987)

[*UC-309:* *View orders list* 44](#_Toc430567988)

[*UC-311:* *UC-311* 44](#_Toc430567989)

[*UC-312:* *Find best way* 45](#_Toc430567990)

[*UC-313:* *Send issue’s information* 46](#_Toc430567991)

[*UC-315:* *View history* 47](#_Toc430567992)

[*UC-314:* *Change working status* 48](#_Toc430567993)

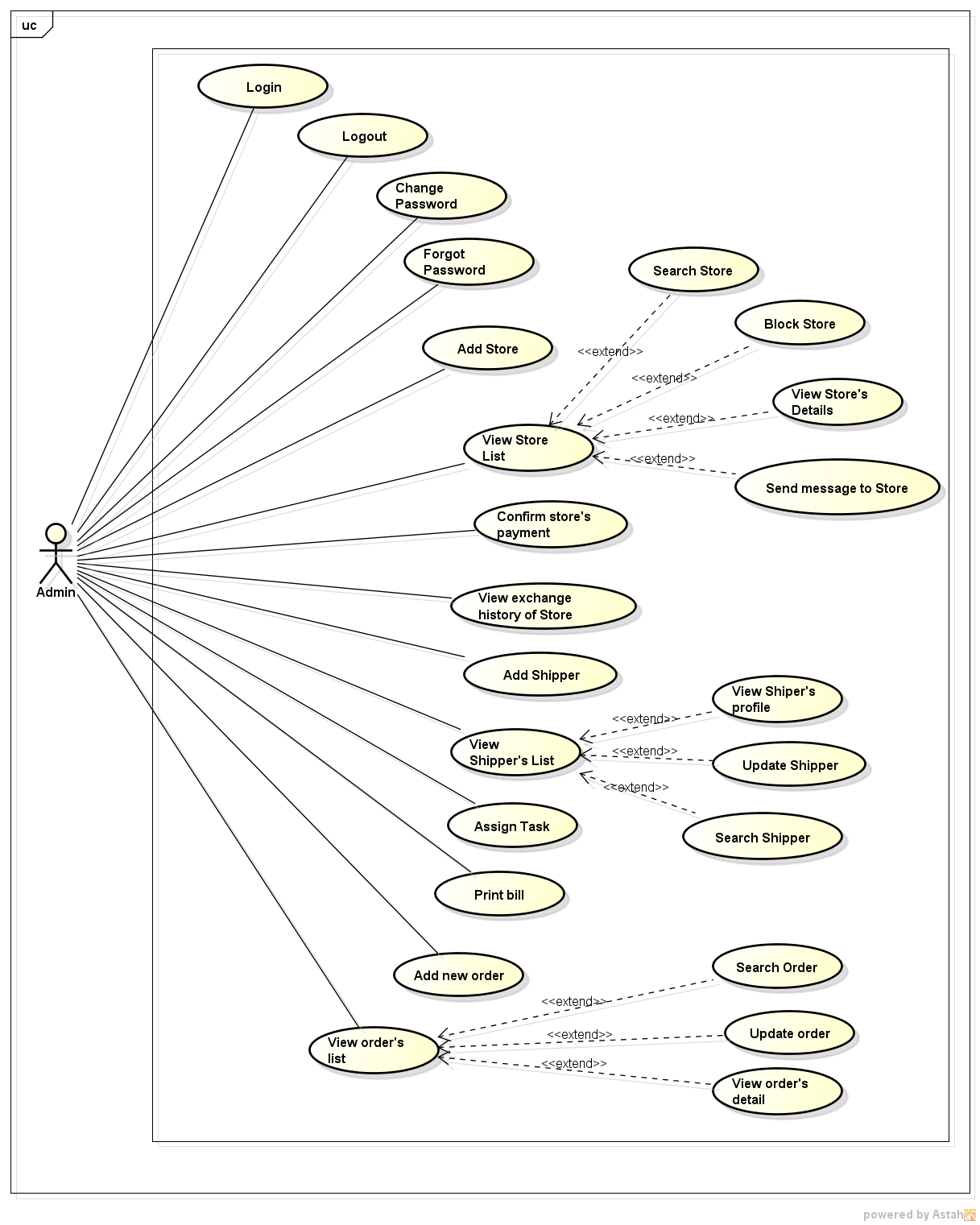
**ACRONYMS & ABBREVIATIONS**

| Abbreviations | Description | Note |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# 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 | | |
|  | Admin | Enters **Admin 3S** website address into web browser | | |
|  | System | Shows “Log in” screen, includes:   * Email text box * Password text box * Log in button * Forgot password hyperlink | | |
|  | Admin | Enters email and password | | |
|  | Admin | Clicks on “Log in” button | | |
|  | 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 | | |
|  | Admin | Clicks on admin name in the top right of the screen | | |
|  | System | Displays menu box | | |
|  | Admin | Chooses “Log out” from menu box | | |
|  | 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 | | |
|  | Admin | Clicks on admin name in the top right of the screen | | |
|  | System | Displays menu box | | |
|  | Admin | Chooses “Change password” from menu box | | |
|  | System | Displays “Change password” screen | | |
|  | Admin | Enter old password, new password and re-password | | |
|  | Admin | Clicks on “Change” button | | |
|  | 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 | | |
|  | Admin | Goes to “Log in” screen (refer to UC-101) | | |
|  | Admin | Clicks on “Forgot password” hyperlink | | |
|  | System | Displays “Forgot password” screen | | |
|  | Admin | Enter registered email and click “Send new password” | | |
|  | 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 | | |
|  | Admin | Click “Store” button in left navigate bar | | |
|  | System | Display “Store” menu | | |
|  | Admin | Click “Add new Store” button | | |
|  | System | Display “Add new Store” screen | | |
|  | Admin | Click “Accept” button to accept to add new Store | | |
|  | System | Display confirm popup includes “Yes” and “No” button | | |
|  | Admin | Click “Yes” button | | |
|  | System | Close popup and hide this store from list | | |
|  | 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 | | |
|  | Admin | Click “Store” button in left navigate bar | | |
|  | System | Display “Store” menu in left navigate bar | | |
|  | Admin | Choose type of searching: Name, Address or Type | | |
|  | Admin | Enter text to “Search” text box | | |
|  | Admin | Click “Search” button or press “Enter” | | |
|  | 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 | | |
|  | Admin | Click “Store” button in left navigate bar | | |
|  | System | Display “Store” menu in left navigate bar | | |
|  | Admin | Click “Store’s list” button | | |
|  | 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 | | |
|  | Admin | Click “Store” button in left navigate bar | | |
|  | System | Display “Store” menu in left navigate bar | | |
|  | Admin | Click “Store’s list” button | | |
|  | System | Display “Store’s List” screen | | |
|  | Admin | Click “Block”(“Unblock”) button | | |
|  | System | Display confirm popup includes “Yes” and “No” button | | |
|  | Admin | Click “Yes” button | | |
|  | System | Hide popup and change store’s status of blocking | | |
|  | 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 | | |
|  | Admin | Click “Store” button in left navigate bar | | |
|  | System | Display “Store” menu in left navigate bar | | |
|  | Admin | Click “Store’s list” button | | |
|  | System | Display “Store’s List” screen | | |
|  | Admin | Click Store’s name in row (hyperlink) | | |
|  | 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 | | |
|  | Admin | Click “Store” button in left navigate bar | | |
|  | System | Display “Store” menu in left navigate bar | | |
|  | Admin | Click “Store’s list” button | | |
|  | System | Display “Store’s List” screen | | |
|  | Admin | Click “Send message” button | | |
|  | System | Display “Send message” screen | | |
|  | Admin | Fill information in textbox | | |
|  | Admin | Click “Send” button | | |
|  | 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 | | |
|  | Admin | Click “Store” button in left navigate bar | | |
|  | System | Display “Store” menu in left navigate bar | | |
|  | Admin | Click “Confirm store’s payment” button | | |
|  | System | Display “Confirm store’s payment” popup | | |
|  | Admin | Enter payment in “Payment” textbox | | |
|  | Admin | Click “Confirm” button | | |
|  | System | Display confirm popup includes “Yes” and “No” button | | |
|  | Admin | Click “Yes” button | | |
|  | 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 | | |
|  | Admin | Click “Store” button in left navigate bar | | |
|  | System | Display “Store” menu in left navigate bar | | |
|  | Admin | Click “Exchange history” button | | |
|  | 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 | | |
|  | Admin | Click “Shipper” button in left navigate bar | | |
|  | System | Display “Shipper” menu | | |
|  | Admin | Click “Add new Shipper” button | | |
|  | System | Display “Add new Shipper” form | | |
|  | Admin | Enter new Shipper’s information into fields | | |
|  | Admin | Click “Add” button to | | |
|  | System | Validate input | | |
|  | 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 | | |
|  | Admin | Click “Shipper” button in left navigate bar | | |
|  | System | Display “Shipper” menu in left navigate bar | | |
|  | Admin | Click “Shipper’s list” button | | |
|  | 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 | | |
|  | Admin | Click “Order” button in left navigate bar | | |
|  | System | Display “Order” menu in left navigate bar | | |
|  | Admin | Click “Order’s list” button | | |
|  | 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 | | |
|  | Admin | Click “Shipper” button in left navigate bar | | |
|  | System | Display “Shipper” menu in left navigate bar | | |
|  | Admin | Choose type of Shipper: Name, Address or ID | | |
|  | Admin | Enter text to “Search” text box | | |
|  | Admin | Click “Search” button or press “Enter” | | |
|  | 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 | | |
|  | Admin | Click “Order” button in left navigate bar | | |
|  | System | Display “Order” menu in left navigate bar | | |
|  | Admin | Choose type of Order: Type, Address, Date, Store’s name or Shipper’s name | | |
|  | Admin | Enter text to “Order” text box | | |
|  | Admin | Click “Order” button or press “Enter” | | |
|  | 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 | | |
|  | Admin | Click “Shipper” button in left navigate bar | | |
|  | System | Display “Shipper” menu in left navigate bar | | |
|  | Admin | Click “Shipper‘s list” button | | |
|  | System | Display “Shipper’s List” screen | | |
|  | Admin | Click Shipper’s name in row (hyperlink) | | |
|  | 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 | | |
|  | Admin | Click “Order” button in left navigate bar | | |
|  | System | Display Order menu in left navigate bar | | |
|  | Admin | Click “Order’s ‘s list” button | | |
|  | System | Display “Order’s List” screen | | |
|  | Admin | Click Order’s name in row (hyperlink) | | |
|  | 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 | | |
|  | Admin | Click “Shipper” button in left navigate bar | | |
|  | System | Display “Shipper” menu in left navigate bar | | |
|  | Admin | Click “Shipper’s list” button | | |
|  | System | Display “Shipper’s List” screen | | |
|  | Admin | Click “Update” button | | |
|  | System | Display “Update Shipper” screen | | |
|  | Admin | Enter new information to fields then click “Update” button | | |
|  | System | Validate input | | |
|  | 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 | | |
|  | Admin | Click “Order” button in left navigate bar | | |
|  | System | Display “Order” menu in left navigate bar | | |
|  | Admin | Click “Order’s list” button | | |
|  | System | Display “Order’s List” screen | | |
|  | Admin | Click “Update” button | | |
|  | System | Display “Update Order” screen | | |
|  | Admin | Enter new information to fields then click “Update” button | | |
|  | System | Validate input | | |
|  | 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 | | |
|  | Admin | Click “Order” button in left navigate bar | | |
|  | System | Display “Order” menu | | |
|  | Admin | Click “Add new Order” button | | |
|  | System | Display “Add new Order” form | | |
|  | Admin | Enter new Order’s information into fields | | |
|  | Admin | Click “Add” button to add new Order | | |
|  | System | Validate input | | |
|  | 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*

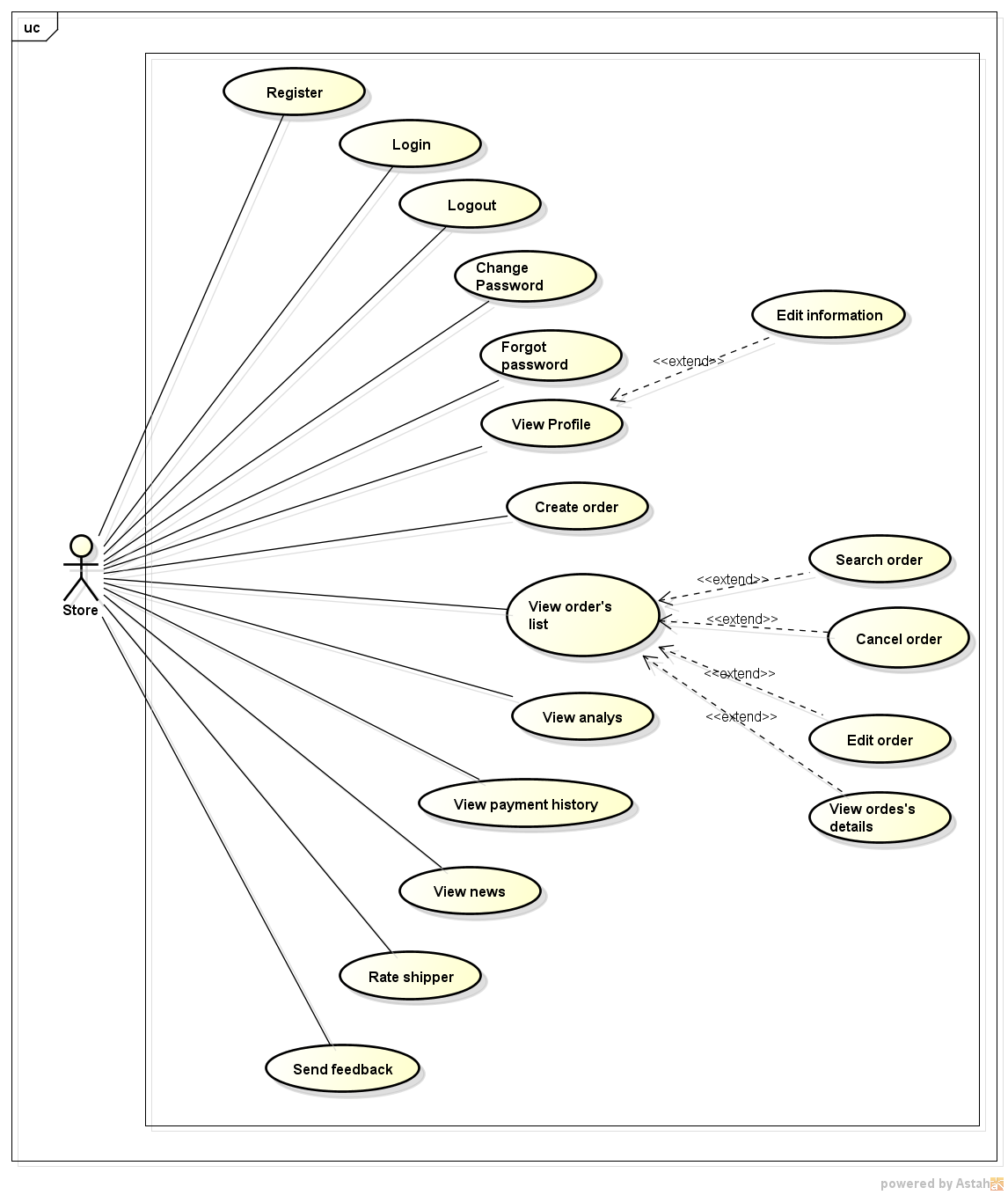
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | | UC-123 | | |
| **Use Case Name:** | | Print bill | | |
| **Created By:** | | HoangNK | **Last Updated By:** | HoangNK |
| **Date Created:** | | 19/09/2015 | **Date Last updated:** | 19/09/2015 |
| **Actor:** | | Admin | | |
| **Description:** | | 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 | | |
|  | Admin | Click “Print bill” button in left navigate bar | | |
|  | System | Display “Print bill” screen | | |
|  | Admin | Pick order which want to export then click “Print” button | | |
|  | 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 | | |
|  | Admin | Click “Shipper” button in left navigate bar | | |
|  | System | Display “Shipper” menu in left navigate bar | | |
|  | Admin | Click “Assign Task” button | | |
|  | System | Display “Assign Task” screen | | |
|  | Admin | Pick a Shipper in Shipper’s list then pick Order for this Shipper in Order’s list then click “Assign” button | | |
|  | 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



### 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:** | | - Account’s information have been saved to database  - Confirm email have been send to Guest  - Redirect Guest to “Store” screen and display as Inactive Store | | |
| **Priority:** | | Normal | | |
| **Frequency of Use:** | | Sometime | | |
| **Main flow** | | | | |
| Step | Actor | Action | | |
|  | Guest | Click “Register” | | |
|  | System | Display “Register” screen includes:  - 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. | | |
|  | Guest | Enters data in fields | | |
|  | Guest | Click “Register” | | |
|  | System | Send confirm email | | |
|  | System | Logs Guest into system | | |
|  | 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 exits | | |
| **Post conditions:** | | Log Store into system  Redirect Store to “Store” screen and display as Store | | |
| **Priority:** | | Normal | | |
| **Frequency of Use:** | | Sometime | | |
| **Main flow** | | | | |
| Step | Actor | Action | | |
|  | Store | Click “Login” Hyperlink on Homepage | | |
|  | System | Display “Login” popup includes:  - User name text box  - Password text box  - Login button  - Cancel button  - Forgot password hyperlink | | |
|  | Store | Enters User name and Password | | |
|  | Store | Click “Login” | | |
|  | System | Logs Store into system | | |
|  | System | Close popup | | |
|  | System | Display previous screen as Store | | |
| **Alternative:** | | | | |
| **Exceptions:** | | | | |
| EC1 | At step 3, Store choose Cancel | | | |
| Step | Actor | Action | | |
| 3.1 | System | Closes popup. | | |
| 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 | Display “Login” popup message with error message | | |
| 3.2 | System | 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 | | |
|  | Store | Click Logout | | |
|  | System | Display “Confirm” popup. | | |
|  | Store | Click “Yes” button | | |
|  | 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 | | |
|  | Store | Click “Change password” | | |
|  | System | Display “Change password” screen includes:  - Old password text box  - New password text box  - Confirm new password text box  - Submit button | | |
|  | Store | Enters data in fields | | |
|  | Store | Click “Submit” button | | |
|  | 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 | | |
|  | Store | Click “Forgot password” hyperlink on “Login” popup | | |
|  | System | Display “Forgot” popup includes:  - Email text box  - Submit button | | |
|  | Guest | Enters registered email. | | |
|  | Guest | Click “Submit” button | | |
|  | 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 | | |
|  | Store | Click on “Store name” at top-right of 3S website. | | |
|  | 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 | | |
|  | Store | Click “Edit profile” button on “Profile” screen | | |
|  | System | Enable fields on profile screen. | | |
|  | Store | Enters data in fields | | |
|  | Store | Click “Submit” button | | |
|  | 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 | | |
|  | Store | Click “Create order” button | | |
|  | 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 | | |
|  | Store | Enters data in fields | | |
|  | Store | Click “Submit” button | | |
|  | 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 | | |
|  | Store | Click on “Order’s list” menu | | |
|  | 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 | | |
|  | Store | Input code | | |
|  | Store | Click on “Search” button | | |
|  | 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 | | |
|  | Store | Click “Cancel” button on the row contain order information. | | |
|  | System | Display confirm popup | | |
|  | Store | Click “Yes” button | | |
|  | 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 | | |
|  | Store | Click “Edit” button on the row contain order information. | | |
|  | 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 | | |
|  | Store | Enters data in fields | | |
|  | Store | Click “Submit” button | | |
|  | 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 | | |
|  | Store | Click on row contain order information | | |
|  | 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 | | |
|  | Store | Click on “Analysis” menu item on “Menu bar” | | |
|  | 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** | | | | |
| Step | Actor | Action | | |
|  | Store | Store click on “Notification” icon | | |
|  | Store | Store chooses “View all notifications” | | |
|  | 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 | | |
|  | Store | Store goes to “Order List” | | |
|  | Store | Chooses “Rate Shipper” | | |
|  | System | Displays “Shipper Rating” pop-up | | |
|  | Store | Selects rate score (1-5 stars) | | |
|  | Store | Enters some content | | |
|  | Store | Store clicks on “Send” | | |
|  | 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 | | |
|  | Store | Store chooses “Send feedback” from top-right of any screen | | |
|  | System | System displays “Send feedback” pop-up | | |
|  | Store | Store enters some content | | |
|  | Store | Store clicks on “Send” | | |
|  | 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



### 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 | | |
|  | Shipper | Click “Login” button on main screen | | |
|  | System | Display “Login” screen | | |
|  | Shipper | Enter information (username and password). | | |
|  | System | Check input information | | |
|  | 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: | | * 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 | | |
|  | Shipper | Click “log out” button. | | |
|  | System | Terminates the connection to the database. | | |
|  | 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: | | * When shipper forgot their password. Shipper wants reset their password. * On “Login” Screen | | |
| Preconditions: | | * To have internet connection through device | | |
| Post - conditions: | | * Reset password request is sent to the server side | | |
| Priority: | | High | | |
| Frequency of Use: | | Sometime | | |
| **Main flow** | | | | |
| Step | Actor | Action | | |
|  | Shipper | Click “Forgot password” button. | | |
|  | System | Display “Enter email” screen for shipper. | | |
|  | Shipper | Enter required email and click “Send” button. | | |
|  | System | Validate email | | |
|  | 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: | | * To have internet connection through device * To be logged in the system * Switch to “Profile” screen | | |
| Post - conditions: | | * Change password request is sent to the server side | | |
| Priority: | | High | | |
| Frequency of Use: | | Sometime | | |
| **Main flow** | | | | |
| Step | Actor | Action | | |
|  | Shipper | Click “Change Password” button on navigate bar | | |
|  | System | “Change Password” screen shows up. | | |
|  | Shipper | Enter required information (Old Password, new password, re-enter password) and click “Update Password” button. | | |
|  | System | Validate input | | |
|  | 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 be 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:** | | * 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 | | |
|  | Shipper | Click “Profile” button in left navigate bar | | |
|  | 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*

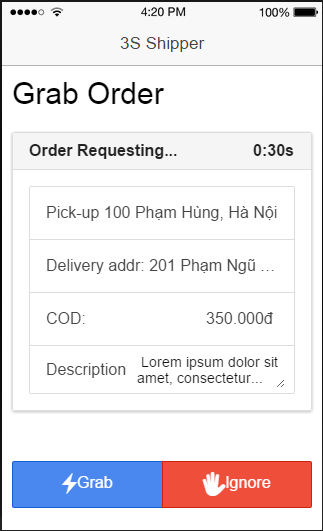
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | | UC-006 | | |
| **Use Case Name:** | | Update Profile | | |
| **Created By:** | | QuyenNV | **Last Updated By:** | QuyenNV |
| **Date Created:** | | 19/09/2015 | **Date Last updated:** | 19/09/2015 |
| **Actor:** | | Shipper | | |
| **Description:** | | Shipper wants to edit their information. | | |
| **Preconditions:** | | * 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 | | |
|  | Shipper | Click [Edit Profile] button | | |
|  | System | Display [Edit profile] screen | | |
|  | Shipper | Enter required information (Name, Email, Phone Number, Identity Card, Date of Birth, Address) | | |
|  | Shipper | Click [Save] button | | |
|  | System | Validate input | | |
|  | System | Store new information of Shipper into database | | |
|  | 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:** | | * 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. | | |

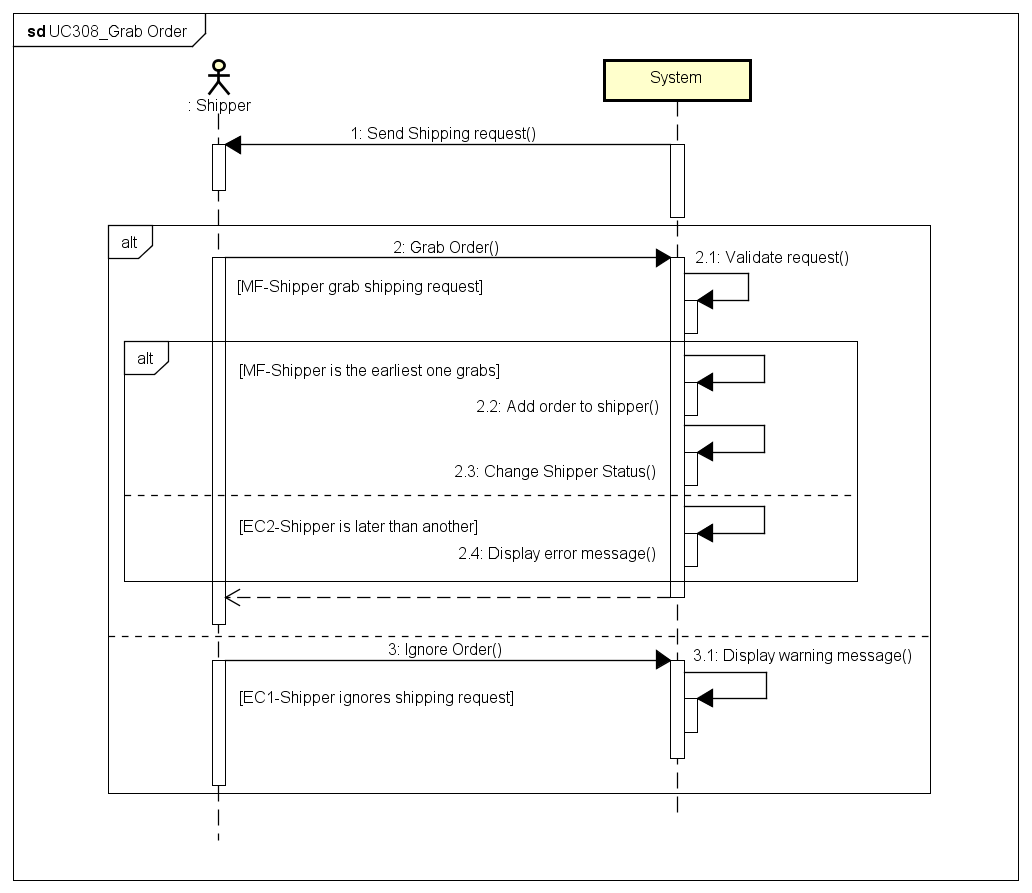
###### *UC-308:* *Grab order*

**Mockup Design**



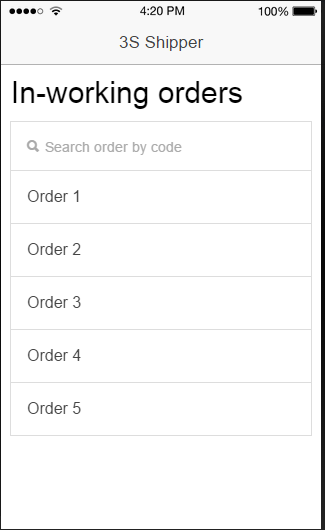
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Use Case ID:** | | | 3SP\_308 | | | |
| **Use Case Name:** | | | Grab order | | | |
| **Created By:** | | | HuyTDH | | **Last Updated By:** | HuyTDH |
| **Date Created:** | | | 19/09/2015 | | **Date Last updated:** | 19/09/2015 |
| **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 | | | |
|  | System | | send shipping request to shipper’s app | | | |
|  | Shipper | | tabs on button “Grab” to take the order | | | |
|  | System | | validates whether the shipping request is taken or not | | | |
|  | System | | adds order to shipper’s working | | | |
|  | System | | changes shipper’s status to “Busy” | | | |
|  | 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**

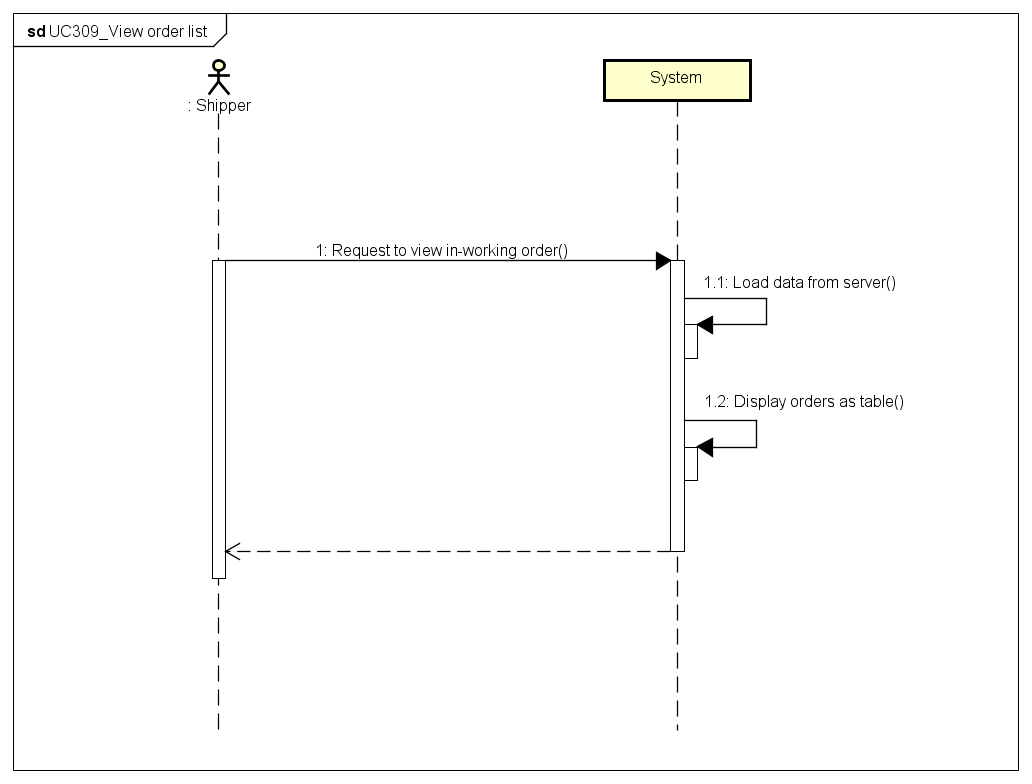


###### *UC309: View Orders List*

**Mockup Design**



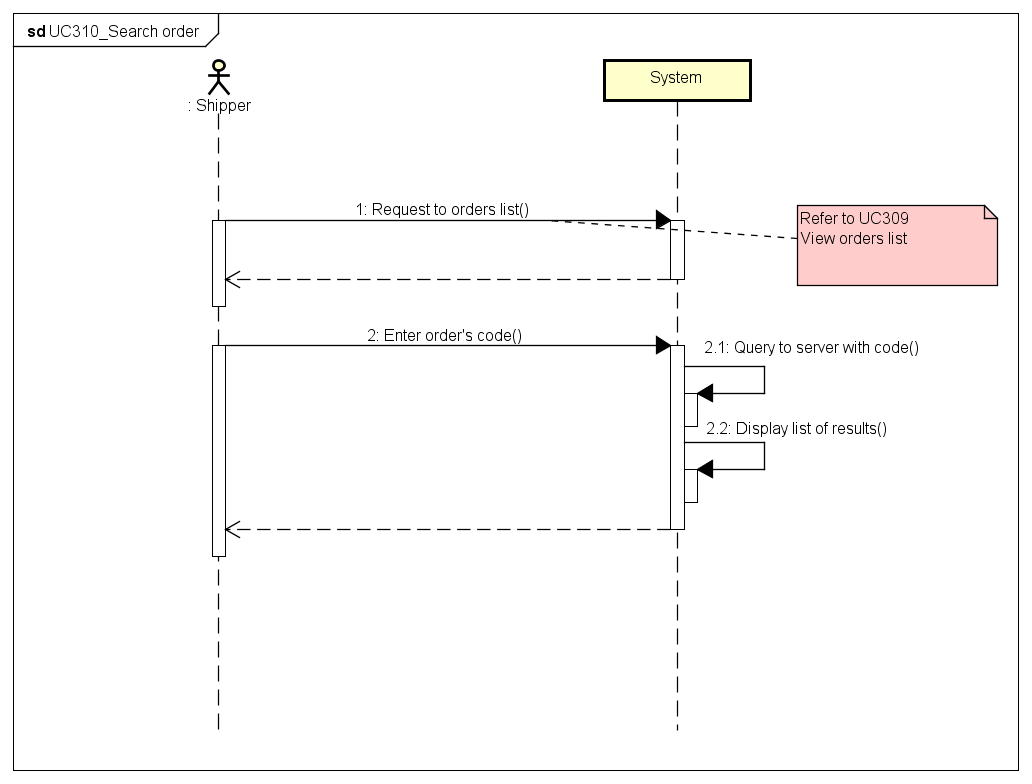
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | | 3SP\_309 | | |
| **Use Case Name:** | | View orders list | | |
| **Created By:** | | HuyTDH | **Last Updated By:** | HuyTDH |
| **Date Created:** | | 19/09/2015 | **Date Last updated:** | 25/09/2015 |
| **Actor:** | | Shipper | | |
| **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 | | |
|  | Shipper | expands menu bar and tabs on “In-working orders” | | |
|  | System | load all data about in-working orders of that shipper | | |
|  | 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*

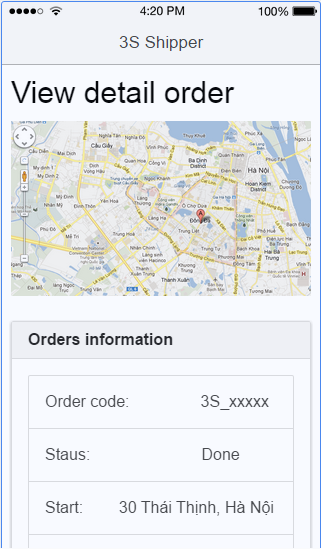
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | | 3SP\_310 | | |
| **Use Case Name:** | | Search order | | |
| **Created By:** | | HuyTDH | **Last Updated By:** | HuyTDH |
| **Date Created:** | | 19/09/2015 | **Date Last updated:** | 25/09/2015 |
| **Actor:** | | Shipper | | |
| **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 | | |
|  | Shipper | goes to “View orders list” screen (refer to UC309 View order list) | | |
|  | Shipper | types order’s code to search box | | |
|  | System | filters orders data from current list | | |
|  | 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**



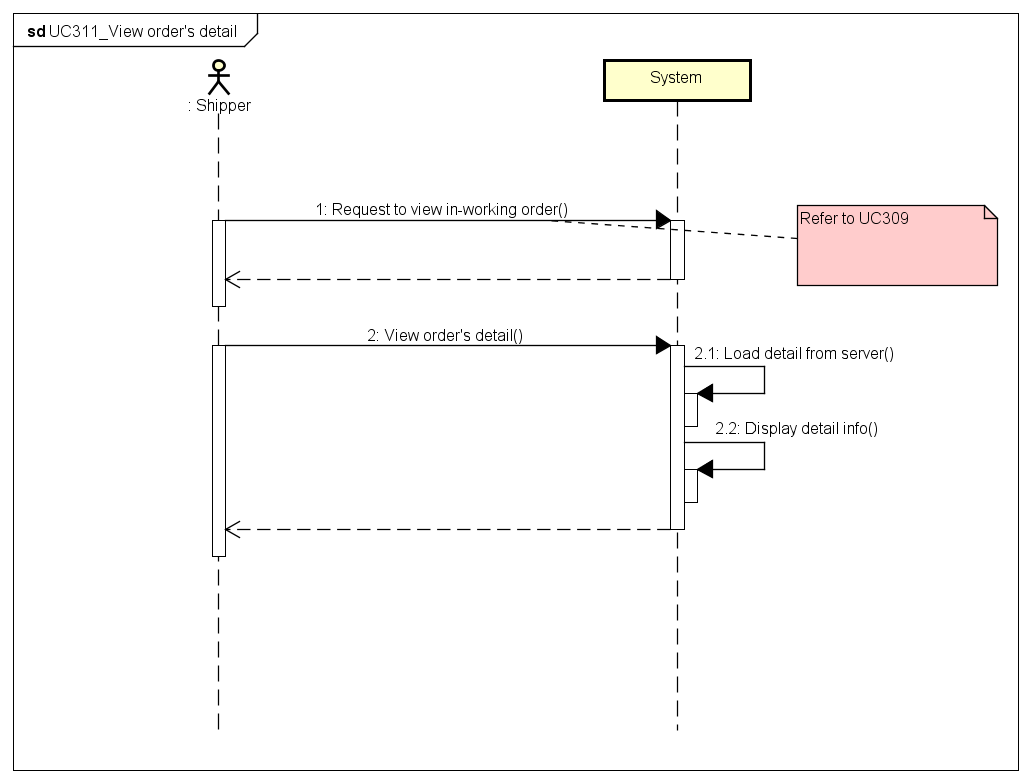
###### *UC311: View Order’s Detail*

**Mockup Design**



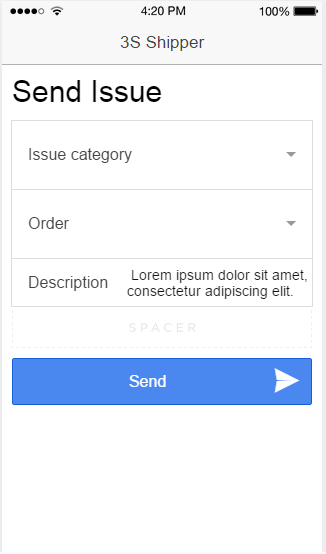
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | | 3SP\_311 | | |
| **Use Case Name:** | | View order’s detail | | |
| **Created By:** | | HuyTDH | **Last Updated By:** | HuyTDH |
| **Date Created:** | | 19/09/2015 | **Date Last updated:** | 25/09/2015 |
| **Actor:** | | Shipper | | |
| **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 | | |
|  | Shipper | Shipper enters “**In-Working Orders**” screen (Refer to UC309 above) | | |
|  | Shipper | Shipper tabs on “**View detail**” of that order from the list | | |
|  | System | System loads detail info of that order from server | | |
|  | 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**



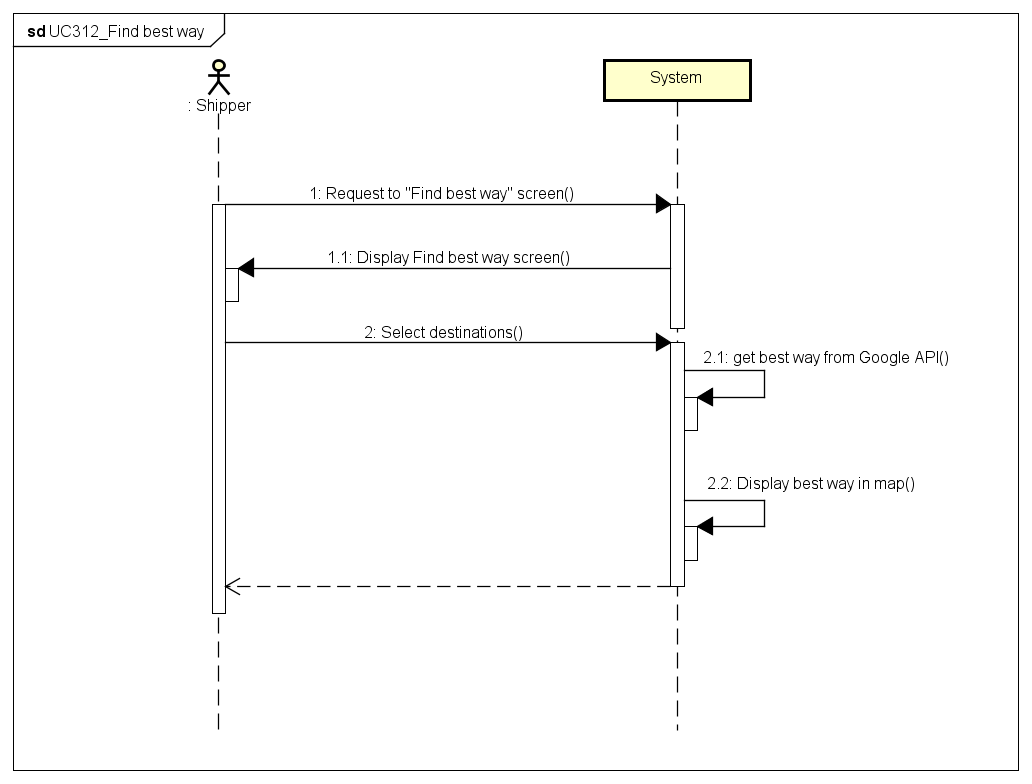
###### *UC312: Find Best Way*

**Mockup Design**



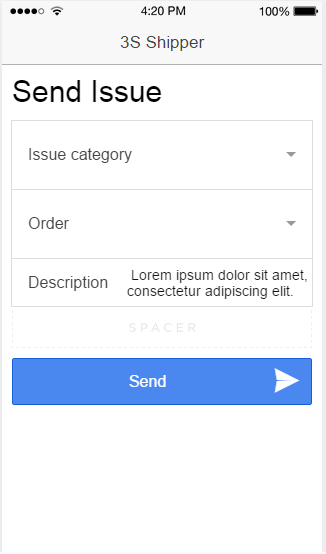
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | | 3SP\_312 | | |
| **Use Case Name:** | | Find best way | | |
| **Created By:** | | HuyTDH | **Last Updated By:** | HuyTDH |
| **Date Created:** | | 19/09/2015 | **Date Last updated:** | 25/09/2015 |
| **Actor:** | | Shipper | | |
| **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 | | |
|  | Shipper | Shipper selects “Find best way” from menu | | |
|  | System | System shows “Find best way” screen, includes:   * Google map * Destinations select box * “Find” button | | |
|  | Shipper | Shipper chooses one or all destinations | | |
|  | Shipper | Shipper tabs on “Find” | | |
|  | System | System call Google API to get the best way | | |
|  | 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**



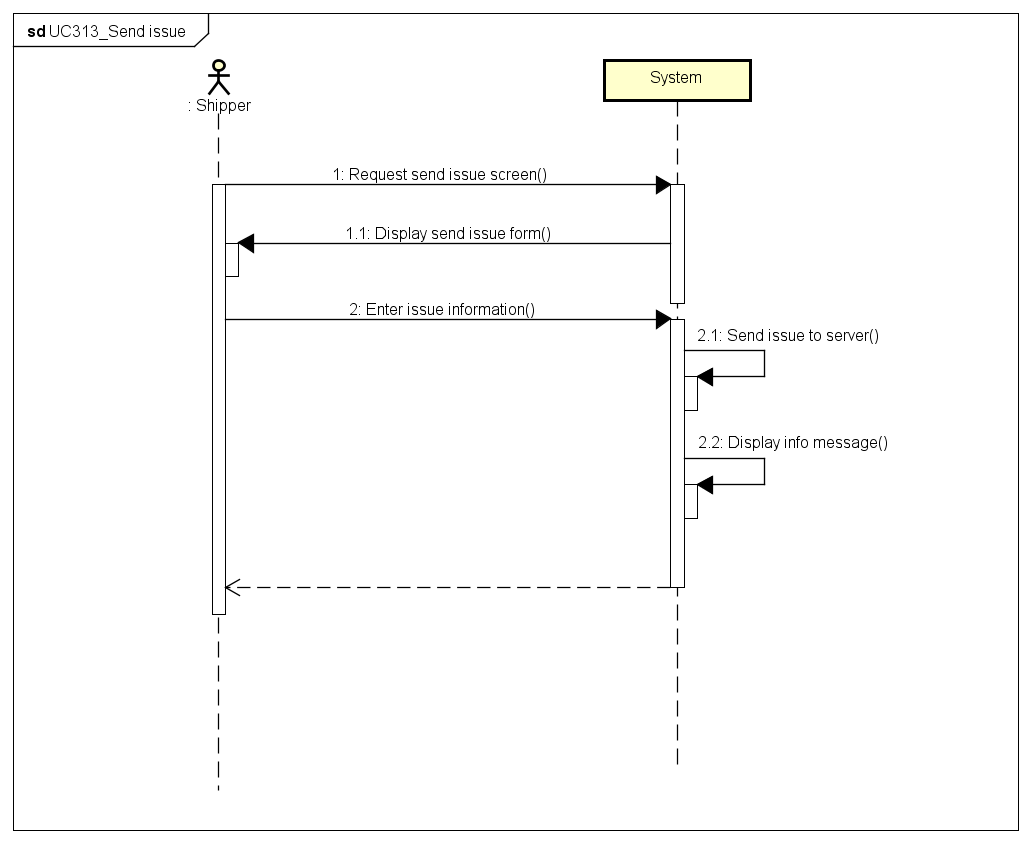
###### *UC313 Send Issue’s Information*

**Mockup Design**



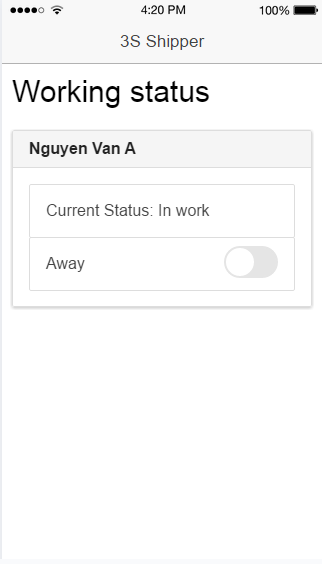
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | | 3SP\_313 | | |
| **Use Case Name:** | | Send issue’s information | | |
| **Created By:** | | HuyTDH | **Last Updated By:** | HuyTDH |
| **Date Created:** | | 19/09/2015 | **Date Last updated:** | 19/09/2015 |
| **Actor:** | | Shipper | | |
| **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 | | |
|  | Shipper | Shipper chooses “Send Issue” from Menu | | |
|  | System | System displays “Send Issue Box” | | |
|  | Shipper | Shipper types “Description”, chooses “Issue Category”, and could select one or all of his in-working orders. | | |
|  | Shipper | Shipper tabs on “Send” | | |
|  | System | System shows message “Issue has sent to system. Wait for Admin to solve” | | |
|  | 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**



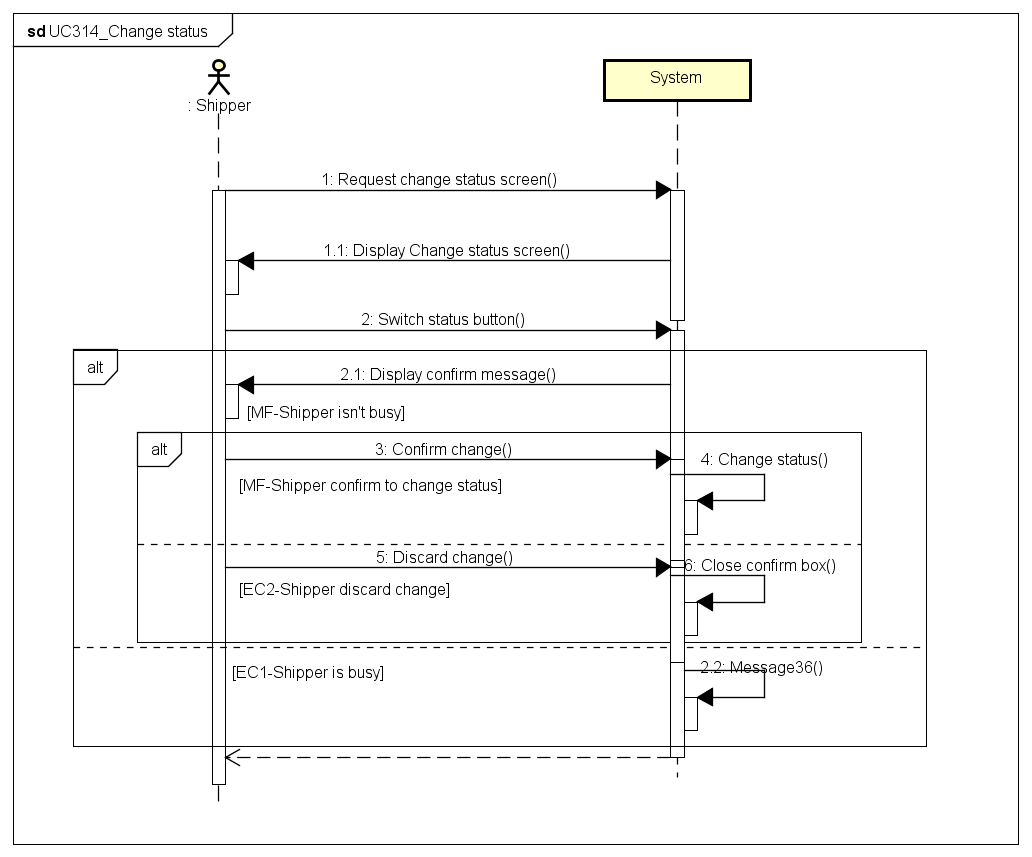
###### *UC314 Change Working Status*

**Mockup Design**



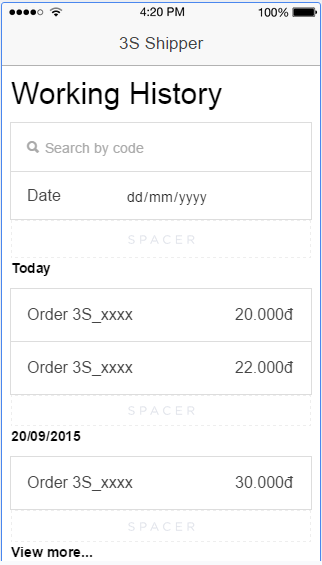
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | | 3SP\_314 | | |
| **Use Case Name:** | | Change working status | | |
| **Created By:** | | HuyTDH | **Last Updated By:** | HuyTDH |
| **Date Created:** | | 19/09/2015 | **Date Last updated:** | 20/09/2015 |
| **Actor:** | | Shipper | | |
| **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 | | |
|  | Shipper | Shipper expands menu bar and tabs on “Change status” | | |
|  | System | System displays current status “On working” or ”Away” | | |
|  | Shipper | Shipper switches status button | | |
|  | System | System shows confirm message “Confirm change your status to [ABC]” ([ABC] is “On working” or ”Away”) | | |
|  | Shipper | Shipper tabs on “Confirm” | | |
|  | 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 | | |
|  | Shipper | Shipper chooses “History” from menu | | |
|  | System | System load history saving in device memory | | |
|  | System | System displays working history of that shipper, also includes bellow feature:   * 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 | | | |
| 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**

