# User Case Diagram



# 2. Function

## 2.1. Use Case

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| --- | --- | --- | --- |
| Use Case ID: | UC-001 | | |
| Use Case Name: | Login | | |
| Created By: | QuyenNV | Last Updated By: |  |
| Date Created: | 19/09/2015 | Date Last Updated: |  |
| 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 | | |
| Normal Course of Events: | 1. Retrieve [Login] screen for shipper. 2. Mobile application provides access information (username and password). 3. The shipper information is then passed to the System. 4. System is queried to Shipper database. 5. The system accepted or rejects the login request. 6. If login request is accepted shipper will be redirected to the Screen search. 7. If login request is rejected an error message will show up and shipper can provide his or her access credential again. | | |
| Alternative Courses: |  | | |
| Exceptions: | * In step 4, if Shipper cannot establish a connection to the database due to some reasons (ex: network failure) 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 by developers. | | |
| Use Case ID: | UC-002 | | |
| Use Case Name: | Logout | | |
| Created By: | QuyenNV | Last Updated By: |  |
| Date Created: | 19/09/2015 | Date Last Updated: |  |
| 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 | | |
| Normal Course of Events: | 1. Shipper click [log out] button. 2. A logout request is sent to System. 3. System terminates the connection to the database. 4. Shipper redirect to [Login] screen of mobile application | | |
| Alternative Courses: |  | | |
| Exceptions: |  | | |
| 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 | | |
| Use Case ID: | UC-003 | | |
| Use Case Name: | Forgot password | | |
| Created By: | QuyenNV | Last Updated By: |  |
| Date Created: | 19/09/2015 | Date Last Updated: |  |
| 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 | | |
| Normal Course of Events: | 1. Shipper click [Forgot password] button. 2. Shipper is redirected to [Enter email] screen for shipper. 3. Shipper provides required email and click [Send] button. 4. This information is sent to the system through the Internet. 5. System send email to reset password by Send Email module 6. Shipper redirected to [Login] screen for shipper. | | |
| Alternative Courses: |  | | |
| Exceptions: | * In step 3, if shipper provides wrong email an error message will show up to inform shipper. * In step 4, if the device which sends the information suffers from lost internet connection an error message will show up to inform the shipper. | | |
| 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: | The content of the error messages will be decided be developers. | | |
| Use Case ID: | UC-004 | | |
| Use Case Name: | Change password | | |
| Created By: | QuyenNV | Last Updated By: |  |
| Date Created: | 19/09/2015 | Date Last Updated: |  |
| 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 | | |
| Normal Course of Events: | 1. Shipper click [Change Password] button. 2. [Change Password] screen shows up. 3. Shipper provides required information (Old Password, new password, re-enter password) and click [Update Password] button. 4. This information is sent to the system through internet. 5. System queries the Shipper database 6. System accepts or rejects the update information request 7. If information request is accepted shipper will be redirected to the [Profile] screen. 8. If information request is rejected an error message will show up. | | |
| Alternative Courses: | N/A | | |
| Exceptions: | * In step 3, if shipper provides password doesn’t match the old password or confirmation password will show up inform to shipper. * In step 3, if shipper provides insufficient data a message will appear and all required fields will be mark red. * In step 4, if the device which sends the information suffers from lost internet connection an error message will show up to inform the shipper. * In step 5, if Shipper cannot establish a connection to the database due to some reasons (ex: network failure) an error message will show up to tell the borrower about the problem. | | |
| 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. | | |
| Use Case ID: | UC-005 | | |
| Use Case Name: | View Profile | | |
| Created By: | QuyenNV | Last Updated By: |  |
| Date Created: | 19/09/2015 | Date Last Updated: |  |
| 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 | | |
| Normal Course of Events: | 1. When shipper logins successfully the information of shipper will automatically be sent to client side via internet. 2. Shipper switches to [Profile] screen. | | |
| Alternative Courses: |  | | |
| Exceptions: | * In step 1, if the device which sends the request suffers from lost internet connection an error message will show up to inform the shipper. | | |
| Includes: | N/A | | |
| Special Requirements: | N/A | | |
| Assumptions: | N/A | | |
| Notes and Issues: | The content of the error messages will be decided be developers. | | |
| Use Case ID: | UC-006 | | |
| Use Case Name: | Update Profile | | |
| Created By: | QuyenNV | Last Updated By: |  |
| Date Created: | 20/09/2015 | Date Last Updated: |  |
| Actor: | Shipper | | |
| Description: | * Shipper wants to edit their information. | | |
| Preconditions: | * To have internet connection through device * To be logged in the system * Switch to [Profile] screen. | | |
| Post - conditions: | * Update profile request is sent to server side | | |
| Priority: | Low | | |
| Frequency of Use: | Sometime | | |
| Normal Course of Events: | 1. Shipper click [Edit Profile] button. 2. [Edit Profile] screen shows up. 3. Shipper provides required information (Name, Email, Phone Number, Identity Card, Date of Birth, Address) and click [Save] button. 4. Information of shipper is then passed to the system 5. System queries the Shipper database. 6. System accepts or rejects the update information request 7. If information request is accepted shipper will be redirected to the [Profile] scree. 8. If information request is rejected an error message will show up. | | |
| Alternative Courses: |  | | |
| Exceptions: | * In step 3, if shipper provides wrong data an error message will show up to inform the shipper. * In step 3, if shipper provides insufficient data a message will appear and all required fields will be mark red. * In step 4, if the device which sends the information suffers from lost internet connection an error message will show up to inform the shipper. * In step 5, if Shipper cannot establish a connection to the database due to some reasons (ex: network failure) an error message will show up to tell the borrower about the problem. | | |
| Includes: | N/A | | |
| Special Requirements: | **Name, Email, Phone Number, Identity Card, Date of Birth, Address**: Cannot be null | | |
| Assumptions: | N/A | | |
| Notes and Issues: | * The content of the error messages will be decided be developers. * The fields which don’t say “cannot be null” can be leave empty by default. | | |
| Use Case ID: | UC-007 | | |
| Use Case Name: | Confirm Code | | |
| Created By: | QuyenNV | Last Updated By: |  |
| Date Created: | 20/09/2015 | Date Last Updated: |  |
| 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: | * Confirm code is send to server side. | | |
| Priority: | High | | |
| Frequency of Use: | Sometime | | |
| Normal Course of Events: | 1. Click [Enter Code] button on [View Order’s Details] screen. 2. [Enter Code] shows up. 3. Shipper provides code which be provided by customer. 4. Order’s Code is then passed to the system. 5. System queries the Order database. 6. System accepts or rejects the order’s code. 7. If the order’s code is correct. The system will be redirected to [View Order’s Details] screen. 8. If the order’s code is wrong an error message will show up and shipper can provide again. | | |
| Alternative Courses: |  | | |
| Exceptions: | * In step 5, if Order cannot establish a connection to the database due to some reasons (ex: network failure) 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. | | |