|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-01 | | |
| Use case name: | Register to the system | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Guest | | |
| Description: | Guest can register to become a member of the system. | | |
| Trigger: | Click confirm button | | |
| Pre condition: | None | | |
| Post condition: | If the use case ends in a successful case,   * Guest receive activate token via email   If the use case ends in a fail case,   * The system returns to initial state | | |
| Input: | 1. First name, type: string, minimum 3 characters 2. Last name, type: string, minimum 3 characters 3. Address, type: string, minimum 5 characters 4. Province, 5. Postal code, type: string, 6. Email, type: string, minimum 3 characters 7. Password, type: string, minimum 4 characters 8. Confirm password, type: string, minimum 4 characters 9. Phone number, type: string, minimum 9 characters | | |
| Output: | - | | |
| Normal Flow: | 1. Guest open Wat-Pha-Som management system 2. Guest click “Sign up” button 3. System provide registration UI 4. Guest input all information 5. System check valid information 6. System stores the guest data as new user 7. System send the activate token to user’s email. | | |
| Alternative Flow: | 1. If guest input existing email, or minimum character length not reach minimum required, and guest not input all fields. Then system will not record request to database 2. System shows error message 3. Allow guest go back to step#4 | | |
| Priority: | 2 | | |
| Exception: | 1. Guest click cancel button, the flow ends in failure case. | | |

***Software requirement specification***

* + **Srs-01**: The system shall provide registration UI to register to be a member
  + **Srs-02**: The system shall check all input required.
  + **Srs-03**: The system shall stores the Guest data as new User
  + **Srs-04**: The system shall send the activate token to user’s email.

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-02 | | |
| Use case name: | View product | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Guest, Admin, User | | |
| Description: | Guest, admin, and user can view product list in the system | | |
| Trigger: | Click product list page | | |
| Pre condition: | None | | |
| Post condition: | If the use case ends in a successful case,   * Guest receive activate token via email   If the use case ends in a fail case,   * The system returns to initial state | | |
| Input: | - | | |
| Output: | - | | |
| Normal Flow: | 1. Guest, Admin, or User access product page 2. System shall data from database 3. System provide UI to show product list 4. Guest, Admin, or User view product list | | |
| Alternative Flow: | None | | |
| Priority: | 2 | | |
| Exception: | None | | |

***Software requirement specification***

* + **Srs-31**: The system shall get data from database
  + **Srs-32**: The system shall provide UI to show product list

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-03 | | |
| Use case name: | Log in | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin, User | | |
| Description: | Admin or user can log in to web server by using email and password. Mostly operations required admin or user to log in to identify themselves. | | |
| Trigger: | Click log in button | | |
| Pre condition: | 1. Admin or user must have account in system | | |
| Post condition: | If the use case ends in a successful case,   * Admin or user logged in to system   If the use case ends in a fail case,   * The system returns to initial state | | |
| Input: | 1. Username, type: string, minimum 4 characters  2. Password, type: string, minimum 4 characters | | |
| Output: | - | | |
| Normal Flow: | 1. Admin or user open Wat-Pha-Som management system 2. System provides user interface to get input email and password 3. Admin or user input email and password 4. Admin or user click “Log in” button 5. System authenticate admin or user 6. System authorize admin or user | | |
| Alternative Flow: | 5.1 If admin email or password are invalid, admin will not allowed to log in to the system  5.2 System shows “Invalid email or password” message  5.3 Allow admin or user go back to step#3 | | |
| Priority: | 2 | | |
| Exception: | 1. Admin or user click cancel button, the flow ends in failure case. | | |

***Software requirement specification***

* **Srs-05**: The system shall provide UI to log in.
* **Srs-06**: The system shall authenticate user/admin
* **Srs-07**: The system shall authorize user/admin

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-04 | | |
| Use case name: | Log out | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin, User | | |
| Description: | Admin or user log out from web server. After admin or user logged out, they can’t do anything with system | | |
| Trigger: | Click log out button | | |
| Pre condition: | 1. Admin or user must have account in system | | |
| Post condition: | 1. Admin or user log out from web server | | |
| Input: | None | | |
| Output: | - | | |
| Normal Flow: | 1. Admin or user click “log out” button 2. System unauthenticated admin or user 3. System redirect admin or user to index page | | |
| Alternative Flow: | None | | |
| Priority: | 2 | | |
| Exception: | None | | |

***Software requirement specification***

* + **Srs-08**: The system shall provide UI to logout.
  + **Srs-09**: The system shall unauthenticated user/admin

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-05 | | |
| Use case name: | Add new product | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin add product. This operation required admin input product information. | | |
| Trigger: | Click add product button | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | If the use case ends in a successful case,   * Admin added product to the system   If the use case ends in a fail case,   * The system returns to initial state | | |
| Input: | Product | | |
| Output: | - | | |
| Normal Flow: | 1. Admin clicks “Add promotion” button 2. System provides UI to add new product 3. Admin input product information 4. System verifies valid input 5. System add product to database 6. System redirect admin to product list page | | |
| Alternative Flow: | 1. If admin not input all filed, or minimum character length not reach minimum required. Then system not allowed admin to add product 2. System shows “Input required” message   Allow admin or shop owner to go back to step#3 | | |
| Priority: | 2 | | |
| Exception: | 1. Admin click cancel button, the flow ends in failure case. | | |

***Software requirement specification***

* + **Srs-10**: The system shall provide add product UI to add new product.
  + **Srs-11**: The system shall create a sub directory for product.
  + **Srs-12**: The system shall upload image to directory.
  + **Srs-13**: The system shall get file path.
  + **Srs-14**: The system shall check all input required.
  + **Srs-15**: The system shall record new product into database

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-06 | | |
| Use case name: | Edit product | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin edit product. System will provides existing information to admin then admin probably edit the existing information or input new information | | |
| Trigger: | Click edit product button | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | If the use case ends in a successful case,   * Admin update product information to the system   If the use case ends in a fail case,   * The system returns to initial state | | |
| Input: | Product | | |
| Output: | - | | |
| Normal Flow: | 1. Admin clicks “Edit promotion” button 2. System provides user interface with existing information to edit product 3. Admin edit or input new information 4. System verifies valid input 5. System update product in database 6. System redirect admin to product list page | | |
| Alternative Flow: | 1. If admin not input all filed, or minimum character length not reach minimum required. Then system not allowed admin to edit product 2. System shows “Input required” message 3. Allow admin or shop owner to go back to step#3 | | |
| Priority: | 2 | | |
| Exception: | 1. Admin click cancel button, the flow ends in failure case. | | |

***Software requirement specification***

* + **Srs-16**: The system shall provide edit promotion user interface to edit product.
  + **Srs-11**: The system shall create a sub directory for product.
  + **Srs-12**: The system shall upload image to directory.
  + **Srs-13**: The system shall get file path.
  + **Srs-14**: The system shall check all input required.
  + **Srs-15**: The system shall update new input information to the database

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-07 | | |
| Use case name: | Remove product | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin remove product form the system | | |
| Trigger: | Click remove product button | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | If the use case ends in a successful case,   * Admin remove product from the system   If the use case ends in a fail case,   * The system returns to initial state | | |
| Input: | None | | |
| Output: | - | | |
| Normal Flow: | 1. System provides user interface to remove product 2. Admin clicks “remove” button 3. System remove product from the database | | |
| Alternative Flow: | None | | |
| Priority: | 2 | | |
| Exception: | 1. Admin click cancel button, the flow ends in failure case. | | |

***Software requirement specification***

* + **Srs-17**: The system shall provide UI to remove product
  + **Srs-18**: The system shall remove image in directory
  + **Srs-19**: The system shall check there is no image in directory
  + **Srs-20**: The system shall remove directory
  + **Srs-21**: The system shall remove image path in database
  + **Srs-22**: The system shall update UI

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-08 | | |
| Use case name: | View statistics record of sale | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin view statistics record of sale | | |
| Trigger: | Click “static record” button | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | 1. Admin get statics record of sale | | |
| Input: | None | | |
| Output: | - | | |
| Normal Flow: | 1. Admin click “static record” button 2. System provide the UI of statistics records of sales 3. Admin select range of record 4. System receive selected range of records by day, week, month or year from user 5. System query records of sales from the system storage 6. System filter queried records 7. System show result of queried items from system storage 8. Admin get static record | | |
| Alternative Flow: | None | | |
| Priority: | 2 | | |
| Exception: | None | | |

***Software requirement specification***

* + **Srs-23**: The system shall provide the UI of statistics records of sales
  + **Srs-24**: The system shall receive selected range of records by day, week, month or year from user
  + **Srs-25**: The system shall query records of sales from the system storage
  + **Srs-26**: The system shall filter queried records
  + **Srs-27**: The system shall show result of queried items from system storage

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-09 | | |
| Use case name: | View trend of products | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin view trend of products. The system will divided trend of product into four quarter and forecast probability trend of product, then show the result to admin. | | |
| Trigger: | Click “trend of product” button | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | 1. Admin knows trend of product | | |
| Input: | None | | |
| Output: | - | | |
| Normal Flow: | 1. Admin click “static record” button 2. System provide the UI to view trend of product 3. System computes the trend of product in quarter 4. System display the trend of product 5. Admin receive trend of product report | | |
| Alternative Flow: | None | | |
| Priority: | 2 | | |
| Exception: | None | | |

***Software requirement specification***

* + **Srs-28**: The system shall provide the UI that consists of trend of products (forecast) in quarter
  + **Srs-29**: The system shall computes the trend of product in quarter
  + **Srs-30**: The system shall display the trend of product

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-10 | | |
| Use case name: | View user’s account | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin view account information in system. Admin able to view all account information except admin account | | |
| Trigger: | Click “email of user’s account” | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | 1. Admin view account information | | |
| Input: | None | | |
| Output: | 1. First name 2. Last name 3. Address 4. Province 5. Postal code 6. Email 7. Phone number | | |
| Normal Flow: | 1. Admin clicks account email of user in “Accounts” page 2. System provides user interface with account information 3. Admin view account information | | |
| Alternative Flow: | None | | |
| Priority: | 3 | | |
| Exception: | None | | |

***Software requirement specification***

* + **Srs-31**: The system shall get data from database
  + **Srs-33**: The system shall provide UI to show user account

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-11 | | |
| Use case name: | Delete user’s account | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin delete user’s account. After admin deleted account, the account will unable to log in anymore. | | |
| Trigger: | Click “delete” button | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | If the use case ends in a successful case,   * Admin delete user’s account from the database   If the use case ends in a fail case,   * The system returns to initial state | | |
| Input: | None | | |
| Output: | None | | |
| Normal Flow: | 1. System provides user interface to delete user’s account 2. Admin clicks “delete” button 3. System require confirm 4. Admin confirm to delete account 5. System delete account in database | | |
| Alternative Flow: | None | | |
| Priority: | 3 | | |
| Exception: | 1. Admin click cancel button, the flow ends in failure case. | | |

***Software requirement specification***

* + **Srs-34**: The system shall provide user interface to delete user
  + **Srs-35**: The system shall remove user’s account from the database.
  + **Srs-36**: The system shall check there is no user’s account in the database

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-12 | | |
| Use case name: | Search user’s account | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin search user’s account for filtering the account that admin need. | | |
| Trigger: | Click “Ok” button | | |
| Pre condition: | 1. Admin input some keyword | | |
| Post condition: | 1. Admin get the result of account list | | |
| Input: | 1. Any character | | |
| Output: | 1. User list | | |
| Normal Flow: | 1. System provides user interface to get input search value 2. Admin input search value 3. System search matched input value in database 4. System shows user account list | | |
| Alternative Flow: | None | | |
| Priority: | 3 | | |
| Exception: | 1. Admin click cancel button, the flow ends in failure case. | | |

***Software requirement specification***

* + **Srs-37**: The system shall find account in database
  + **Srs-38**: The system shall return account list
  + **Srs-39**: The system shall provide user interface to show account list

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-13 | | |
| Use case name: | View pending shipping product | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin view pending shopping product to know which product is ordered and need to ship it to the user | | |
| Trigger: | Click “shipping product” button | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | 1. Admin view list of pending shipping product | | |
| Input: | None | | |
| Output: | 1. List of pending shipping product | | |
| Normal Flow: | 1. Admin click “shipping product” button 2. System get data from database 3. System shows list of pending shipping product | | |
| Alternative Flow: | None | | |
| Priority: | 3 | | |
| Exception: | None | | |

***Software requirement specification***

* + **Srs-31**: The system shall get data from database
  + **Srs-40**: The system shall provide UI to show pending shopping product list

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-14 | | |
| Use case name: | Send the tracking code of order | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin | | |
| Description: | Admin send tracking code to the user for letting users can tracking their product. The tracking code will send via email. | | |
| Trigger: | Click “send” button | | |
| Pre condition: | 1. Admin logged in | | |
| Post condition: | If the use case ends in a successful case,   * Admin send tracking code to the user   If the use case ends in a fail case,   * The system returns to initial state | | |
| Input: | 1. Tracking code | | |
| Output: | None | | |
| Normal Flow: | 1. System provide add tracking code UI to add new code of tracking order 2. Admin input user’s email and tracking code 3. Admin click “send” button 4. System send the tracking code to user’s email | | |
| Alternative Flow: | None | | |
| Priority: | 3 | | |
| Exception: | 1. Admin click cancel button, the flow ends in failure case. | | |

***Software requirement specification***

* + **Srs-41**: The system shall provide add tracking code UI to add new code of tracking order
  + **Srs-42**: The system shall send the tracking code to user’s email

|  |  |  |  |
| --- | --- | --- | --- |
| Use case ID: | UCS-15 | | |
| Use case name: | Select system language | | |
| Created by: | Nattakit | **Last update by:** | Nattakit |
| Created date: | March 08, 2016 | **Last update date:** | March 23, 2016 |
| Actor(s): | Admin, User | | |
| Description: | Admin or user select system language for choosing their aptitude language. The system has 2 language that is Thai and English | | |
| Trigger: | Click “Thai or English” button | | |
| Pre condition: | 1. Admin or user logged in | | |
| Post condition: | 1. The system change the language | | |
| Input: | None | | |
| Output: | None | | |
| Normal Flow: | 1. System provide UI to select the system language 2. Admin click “Thai or English” button 3. System update the system language | | |
| Alternative Flow: | None | | |
| Priority: | 3 | | |
| Exception: | None | | |

***Software requirement specification***

* + **Srs-43**: The system shall provide UI to select the system language
  + **Srs-44**: The system shall update the system language