GUIs for UC “Place Rush Order”

# 1. Standardizing the screen configuration

***Display***

Number of colors supported: 16,777,216 colors Resolution: 1366 × 768 𝑝𝑖𝑥𝑒𝑙𝑠

***Screen***

Location of standard buttons: At the bottom (vertically) and in the middle (horizontally) of the frame

Location of the messages: Starting from the top vertically and in the middle horizontally of the frame down to the bottom.

Display of the screen title: The title is located at the top of the frame in the middle.

Consistency in expression of alphanumeric numbers: comma for separator of thousand while strings only consist of characters, digits, commas, dots, spaces, underscores, and hyphen symbol.

***Control***

Size of the text: medium size (mostly 24px). Font: Segoe UI. Color: #000000

Input check process: Should check if it is empty or not. Next, check if the input is in the correct format or not

Sequence of moving the focus: There will be no stack frames. Each screen will be separated. However, the manual is considered a popup message, as the main screen cannot be operated while the manual screen is shown. After the opening screen, the app will start with splash screen, and then the first screen (home screen) will appear.

Sequences of the system screens:

1. Splash screen (first screen)
2. Home screen
3. View cart screen – view items in the cart
4. Delivery form – fill delivery information
5. Update rush order delivery information
6. Invoice screen – view order details
7. Payment form – fill payment information
8. Result screen

***Direct input from the keyboard***

There will be no shortcuts. There are back buttons to move back to the previous screen. Also, there is the close button “X” located at the title bar to the right to close the screen.

***Error***

A message will be given to notify the users what is the problem.

# 2. Screen images

## 2.1. Cart Screen

Graphical user interface, application, Word

Description automatically generated

2.2. Delivery Form

Graphical user interface

Description automatically generated

2.3. Additional rush order information

Graphical user interface, application, Word

Description automatically generated2.4. Invoice

Graphical user interface, application

Description automatically generated

## 2.5. Payment screen

Graphical user interface, application

Description automatically generated2.6. Result screen

Graphical user interface, application

Description automatically generated

# Screen transition diagram

Diagram

Description automatically generated

# Screen specification

## Cart Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Aims Software | | Date of creation | Approved by | Reviewed by | Persion in charge |
| Screen specification | View cart screen | 26/10/2021 |  |  | Nguyen Thuy Dung |
| Graphical user interface, application, Word  Description automatically generated | | Control | Operation | Function | |
| Area for displaying the subtotal | Initial | Display the subtotal | |
| Area for display items in the cart | Initial | Display the product with corresponding information | |
| Place order button | Click | Display the Delivery form | |
| Edit number button | Click/Input | Change number of selected products | |

## Delivery Form

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Aims Software | | Date of creation | Approved by | Reviewed by | Persion in charge |
| Screen specification | Delivery Form | 26/10/2021 |  |  | Nguyen Thuy Dung |
| Graphical user interface  Description automatically generated | | Control | Operation | Function | |
| Area for filling the name | Input | Fill name of the customer | |
| Area for filling phone | Input | Fill phone of the customer | |
| Area for filling address | Input | Fill specific address of the customer | |
| City selecting dropdown | Select | Change city of customer | |
| District selecting dropdown | Select | Change district of customer | |
| Ward selecting dropdown | Select | Change ward of customer | |
| Area for filling shipping instruction | Input | Fill shipping instruction of the customer | |
| Checkbox for rush order placement | Select | Update the rush order status | |
|  | | Submit button | Click | Save information and process to check rush order | |
|  | | Cancel button | Click | Cancel the current order | |

## Rush Order’s Additional Information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Aims Software | | Date of creation | Approved by | Reviewed by | Persion in charge |
| Screen specification | Rush Order’s Additional Information | 26/10/2021 |  |  | Nguyen Thuy Dung |
| Graphical user interface, application, Word  Description automatically generated | | Control | Operation | Function | |
| Area for displaying the selected address | Initial | Display the selected shipping address | |
| Area for inputting delivery instruction | Input | Update the delivery instruction of order | |
| Area for selected expected delivery time | Select | Update the delivery expected time of order | |
| Confirm button | Click | Save information and process to invoice screen | |
|  | | Cancel button | Click | Cancel the current order | |

## Invoice Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Aims Software | | Date of creation | Approved by | Reviewed by | Persion in charge |
| Screen specification | Invoice Screen | 26/10/2021 |  |  | Nguyen Thuy Dung |
| Graphical user interface, application  Description automatically generated | | Control | Operation | Function | |
| Area for displaying the selected address | Initial | Display the selected shipping address | |
| Area for displaying the customer’s phone number | Initial | Display the customer’s phone number | |
| Area for displaying the customer’s name | Initial | Display the customer’s name | |
| Area for displaying the customer’s instruction | Initial | Display the customer’s instruction | |
| Area for displaying the customer’s expected delivery time | Initial | Display the customer’s expected delivery time | |
| Area for displaying the shipping fee | Initial | Display the customer’s shipping fee | |
| Area for displaying the product list with specified info for each product | Initial | Display the customer’s product list | |
| Confirm button | Click | Save information and process to invoice screen | |

## Payment Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Aims Software | | Date of creation | Approved by | Reviewed by | Persion in charge |
| Screen specification | Payment Screen | 26/10/2021 |  |  | Nguyen Thuy Dung |
| Graphical user interface, application  Description automatically generated | | Control | Operation | Function | |
| Area for choosing the payment method | Click | Choose the payment method | |
| Area for filling card number | Type | Fill the card number of the customer | |
| Area for filling card holder | Type | Fill the holder of the card | |
| Area for filling the expiration date of the card | Type | Fill the expiration date of the card | |
| Area for filling security code of the card | Type | Fill the security code of the card | |
| Confirm payment button | Click | Confirm payment | |
| Cancel button | Click | Cancel the current order | |

## Result

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Aims Software | | Date of creation | Approved by | Reviewed by | Persion in charge |
| Screen specification | Result Screen | 26/10/2021 |  |  | Nguyen Thuy Dung |
| Graphical user interface, application  Description automatically generated | | Control | Operation | Function | |
| Area for displaying successful order | Initial | Display successful order | |

# Defining the field attributes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Screen name | Cart Screen |  |  |  |
| Item name | Number of digits (bytes) | Type | Field attributes | Remarks |
| Media title | 50 | Numeral | Black | Left-justified |
| Price | 20 | Numeral | Black | Right-justified |
| Amount | 20 | Numeral | Black | Bottom-justified |

|  |  |
| --- | --- |
| Screen Name | Delivery Form screen |
| Item name | Number of digits (bytes) | Type | Field attributes | Remarks |
| Name | 50 | Word | Black | Right-justified |
| Phone | 20 | Numeral | Black | Right-justified |
| Province | 20 | Word | Black | Right-justified |
| Address | 100 | Word | Black | Right-justified |
| Delivery instructions | 100 | Word | Black | Right-justified |
| Rush Order Request | 1 | Boolean | Black | Right-justified |

|  |  |
| --- | --- |
| Screen Name | Invoice screen |
| Item name | Number of digits (bytes) | Type | Field attributes | Remarks |
| Name | 50 | Word | Black | Left-justified |
| Phone | 20 | Numeral | Black | Left-justified |
| Province | 20 | Word | Black | Left-justified |
| Address | 100 | Word | Black | Left-justified |

|  |  |
| --- | --- |
| Screen Name | Additional Rush order info |
| Item name | Number of digits (bytes) | Type | Field attributes | Remarks |
| Address | 256 | Word | Black | Right-justified |
| Shipping instruction | 256 | Word | Black | Right-justified |
| Expected delivery time | 24 | Enum | Black | Right-justified |