HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

School of Information and communications technology

Screen Specification

AIMS – An Internet Media Store

ITSS Software Development

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*Hanoi,* *April 2024*

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# Screen transition diagram.

The figure below is the screen transition diagram of AIMS software for use case “Place Order” and all the relevant use cases.

The specification and mock up of each screen are shown in the section 2.

A diagram of a company

Description automatically generated

# Screen specifications.

## Cart Screen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | |
| **Screen specification** | | | CartScreen | |
| **Date of creation** | **Approved by** | | **Reviewed by** | **Person in charge** |
| 07/04/2024 |  | |  | Nguyen Trong Huy |
| A screen shot of a computer  Description automatically generated | | | | |
| **Control** | | **Operation** | | **Function** |
| Area for display the list of products in the cart | | Initialization | | Display products in the cart. |
| Quantity spinner | | Select | | Display a product quantity in the cart. |
| Remove buttion | | Click | | Remove the product from the cart |
| Area for displaying subtotal and total | | Initialization | | Display the amount that has to paid |
| Button for place order | | Click | | Move to DeliveryFormScreen |

## Delivery Form Screen.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | DeliveryFormScreen | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A screenshot of a computer  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Area for delivery form display | | Initialization | | Display the form for delivery | |
| “Full name” attribute | | Input | | Allow user to input name | |
| “Phone number” attribute | | Input | | Allow user to input phone number | |
| “Province” attribute | | Select | | Allow user to select province | |
| “Address” attribute | | Input | | Allow user to input address | |
| “Shipping instruction” attribute | | Input | | Allow user to input shipping instruction | |
| “Continue” button | | Click | | Move to InvoiceScreen | |
| “Place Rush Order” button | | Click | | Move to RushDeliveryForm | |

## Rush Delivery Form Screen.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | RushDeliveryFormScreen | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A screenshot of a computer  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Area for rush delivery form display | | Initialization | | Display rush delivery form with one more attribute | |
| “Rush delivery time” | | Select | | Select the date for rush time | |
| “Continue” | | Click | | Move to InvoiceScreen | |

\* The other control in this form is inherited from the previous DeliveryFormScreen.

## Invoice Screen.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | InvoiceScreen | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A screenshot of a computer  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Area for list of products in the order | | Initialization | | Display the products in the order | |
| Delivery Information | | Intialization | | Display the delivery form information from the customer | |
| Area for total fee | | Intialization | | Display the amount, shipping fee and total must pay | |
| “Pay the invoice” button | | Click | | Move to PayOrderScreen. | |

## Pay Order Form

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | PayOrderForm | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A screenshot of a computer screen  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Area for total fee display | | Initialization | | Display amount the customer must pay. | |
| “Cardholder name” | | Input | | Allow to input name in the card. | |
| “Card number” | | Input | | Allow to input number of the card. | |
| “Expired date” | | Input | | Allow to input the expiration date in the card. | |
| “Payment method” | | Radio | | Default to credit card. | |
| “Continue with VNPAY” | | Click | | Move to boundary of VNPAY to process the transaction. | |

## Success Order Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | SuccessOrderScreen | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A screenshot of a computer  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Area to display the status of order | | Initalization | | Display the status of the order and the information of transaction. | |
| “Back to home” button | | Click | | Move to HomeScreen. | |

## Fail Order Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | FailOrderScreen | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A screenshot of a computer error  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Area to display the status of order | | Initalization | | Display the status of the order and the information of transaction. | |
| “Back to home” button | | Click | | Move to HomeScreen. | |

## Quantity Error Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | ProductQuantityErrorScreen | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A red and white screen with a red button  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Message | | Initialization | | Display the error content | |
| “OK” button | | Click | | Move to the previous screen | |

## Invalid Form Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | InvalidFormScreen | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A red and white screen with a red button  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Message | | Initialization | | Display the error content | |
| “OK” button | | Click | | Move to the previous screen | |

## Invalid Rush Order Screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AIMS SOFTWARE** | | | | | |
| **Screen specification** | | | InvalidFormScreen | | |
| **Date of creation** | **Approved by** | | **Reviewed by** | | **Person in charge** |
| 07/04/2024 |  | |  | | Nguyen Trong Huy |
| A white background with red text  Description automatically generated | | | | | |
| **Control** | | **Operation** | | **Function** | |
| Message | | Initialization | | Display the error content | |
| “CONTINUE WITH ORDER” button | | Click | | Move to the previous screen | |