|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Use Case “PayOrder”**   1. **Use case code**   UC003   1. **Brief Description**   This use case describes the interaction between Customers and Aims system when customers wish to complete the transactions to successfully place an order within the system.   1. **Actors**    1. **Customer** 2. **Preconditions** 3. **Basic Flow of Events** 4. The customer initializes checkout 5. AIMS software displays the invoice 6. Customer asks to pay the invoice 7. Customer enters payment information 8. AIMS software redirects to VNPay with payment information 9. VNPay process payment. 10. VNPay notifies the transaction result 11. AIMS software saves the payment transaction 12. **Alternative flows**   Table 1-Alternative flows of events for UC Place order   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Location** | **Condition** | **Action** | **Resume location** | |  | At Step 5 | If Customer choose to cancel payment | * Clicks Cancel | Resumes at Step 1 | |  | At step 4 | Wrong information | * System notifies the users that the information is incorrect | Resumes at step 4 |  1. **Input data**   Table A-Input data of …   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **No** | **Data fields** | **Description** | **Mandatory** | **Valid condition** | **Example** | |  | Card Number |  | Yes | 16 characters | 1234 5678 1234  5678 | |  | Card Owner |  | Yes | Max 20 characters | TONG TRAN MINH DUC | |  | Bank |  | Yes | Choose from list of bank | BIDV |  1. **Output data**   Table B-Output data of …   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **No** | **Data fields** | **Description** | **Display format** | **Example** | |  | Transaction ID |  |  | 191103 | |  | Card Owner |  | All caps | TONG TRAN MINH DUC | |  | Subtotal |  | Comma for thousands separator | -108,000 đồng | |  | Transaction description |  | Written in text | Transaction from AIMS, transaction ID: 19103 | |  | Transaction timestamp |  | “DD/MM/YYYY:h:m:s” | 19/11/2023:19:23:56 |  1. **Postconditions**  * Payment for the order is completed, AIMS system resumes the “Place Order” use case |