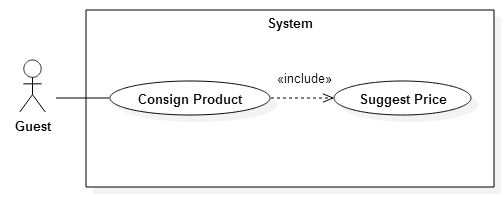
1. **<Guest> Consign product**

**Use Case Diagram**



**Use Case Specification**

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| --- | --- | --- | --- |
| **USE CASE – DHP01** | | | |
| **Use Case No.** | **DHP01** | Use Case Version | 1.0 |
| **Use Case Name** | Consign product | | |
| **Author** | DucHC | | |
| **Date** | May 23, 2015 | Priority | High |
| **Actor**:   * Guest   **Summary**:   * This use case allows guest to consign product.   **Goal**:   * Successfully send requests and receive id of consigned-product.   **Triggers**:   * Guest clicks “Consign” button.   **Preconditions**:   * N/A   **Post Conditions**:   * **Success**: Success page is shown. Guest will receive an id to track consigned-item’s status. * Fail: Show error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Actor clicks “Consign” button. | System navigates to “Consign” page and “Step 1: Product’s info” tab is shown.   * Product name: textbox, 1-50 characters, required. * Serial number: textbox. * Category: dropdown list, required. * Brand: dropdown list, required. * Description: textbox, 1-255 characters. * Product image: image, required. | | 2 | Input field. |  | | 3 | Click “Next” button.  [Alternative 1] | System calls “Suggest price” from amazon service, gets all stores which would accept this product based on their categories, calculates each store’s suggested price and show on “Step 2: Choose store” tab. Then this tab will be shown.  [Exception 1,2,3,4] | | 5 | Choose store(s) to consign product. |  | | 6 | Click “Next” button.  [Alternative 2] | System navigates to “Step 3: Personal info” tab.   * Full name: textbox, 1-50 characters, required. * Address: textbox, 1-255 characters. * Contact by: 3 radio buttons: “Phone”, “Email” and “Both”. * Phone: textbox. * Email: textbox. * Payment method: 2 radio buttons: “Cash” and “Credit card”. * Card number: textbox. * Card owner: textbox, 1-50 characters.   [Exception 5] | | 7 | Input field.  [Alternative 3,4,5,6,7] |  | | 8 | Click “Consign” button. | Consigning requests are sent. Guest receive a successful dialog with an id to check consigned-item’s status and negotiate with stores owners.  [Exception 6,7,8,9,10] |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Click “Back” button. | System navigates to “Step 1: Product’s info” tab. | | 2 | Click “Phone” radio button. | “Phone” textbox will be shown and “Email” textbox will be hidden. | | 3 | Click “Email” radio button. | “Email” textbox will be shown and “Phone” textbox will be hidden. | | 4 | Click “Both” radio button. | Both “Phone” textbox and “Email” textbox will be shown. | | 5 | Click “Cash” radio button. | “Card number” textbox and “Card owner” textbox will be hidden. | | 6 | Click “Credit card” radio button. | “Card number” textbox and “Card owner” textbox will be shown. |   **Exceptions**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Click “Next” button. | “Product name” is empty or longer than 50 characters. Show error message: “Product name must be between 1-50 characters”. | | 2 | Click “Next” button. | “Category” is empty. Show error message: “Please choose a category”. | | 3 | Click “Next” button. | “Brand” is empty. Show error message: “Please choose a brand”. | | 4 | Click “Next” button. | No image is uploaded. Show message error: “Please upload an image of your product”. | | 5 | Click “Next” button. | No store is chosen. Show error message: “Please choose a store to consign”. | | 7 | Click “Consign” button. | “Full name” is empty or longer than 50 characters. Show error message: “Full name must be between 1-50 characters”. | | 8 | Click “Consign” button. | “Phone” is empty. Show error message: “Phone is required”. | | 9 | Click “Consign” button. | “Email” is empty. Show error message: “Email is required”. | | 10 | Click “Consign” button. | “Card number” is empty. Show error message: “Credit card is required”. | | 11 | Click “Consign” button. | “Card owner” is empty. Show error message: “Card owner is required”. |   **Relationships**:   * Include suggest price   **Business Rules**:   * Guest should provide right information for system to check your product effectively. * Website use amazon service to get full information of product based on what user provide. * The image user upload should be the real picture of product. * Those stores user can choose to consign are based on category and brand that user chose. * Reliability of store is based on success consignments on total consignments that store had in history. * Store owner will contact and pay guest by personal info user provide | | | |
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1. **<Member> Consign**

**Use Case Diagram**



**Use Case Specification**

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| **USE CASE – DHP02** | | | |
| **Use Case No.** | **DHP02** | Use Case Version | 1.0 |
| **Use Case Name** | Consign product as member | | |
| **Author** | DucHC | | |
| **Date** | May 23, 2015 | Priority | High |
| **Actor**:   * Member   **Summary**:   * This use case allows member consign product.   **Goal**:   * Successfully send requests to consign product.   **Triggers**:   * Member clicks “Consign” button.   **Preconditions**:   * Login to website as member.   **Post Conditions**:   * **Success**: Success dialog is shown. * Fail: Show error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Actor clicks “Consign” button. | System navigates to “Consign” page and “Step 1: Product’s info” tab is shown.   * Product name: textbox, 1-50 characters, required. * Serial number: textbox. * New: textbox, required. * Description: textbox, 1-255 characters. * Price: textbox. * Product image: image, required. | | 2 | Input field. |  | | 3 | Click “Next” button. | System check product’s info, then show a pop-up with suggested price and ask actor to input their desired price. [Exception 1,2,3,4] | | 4 | Actor inputs “Desired price” textbox and click “OK” button. | System navigates to “Step 2: Choose store” tab with a list of store.  [Exception 5] | | 5 | Choose store(s) to consign product. |  | | 6 | Click “Next” button. | System navigates to “Step 3: Personal info” tab. With information of member except “Address” textbox.   * Full name: textbox, disabled. * Birthday: Date-time textbox, disabled. * Gender: Checkbox, disabled. * ID number: textbox, disabled. * Address: textbox, 1-255 characters, required. * Phone: textbox, disabled. * Email: textbox, disabled. * Credit card: textbox, disabled.   [Exception 6] | | 7 | Input field. |  | | 8 | Click “Submit” button. | Consigning requests are sent. Actor receive a successful dialog. If actor is guest, actor will receive an id to check consigned-item’s status and negotiate with stores owners which actor have sent request to.  [Exception 7] |   **Alternative Scenario**: N/A  **Exceptions**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Click “Next” button. | “Product name” is empty or longer than 50 characters. Show error message: “Product name must be between 1-50 characters”. | | 2 | Click “Next” button. | “New” is empty or not between 0-100. Show error message: “Input between 0-100”. | | 3 | Click “Next” button. | “Price” is empty or smaller than 0 or equal 0. Show error message: “Input greater than 0”. | | 4 | Click “Next” button. | No image is uploaded. Show message error: “Please upload an image of your product”. | | 5 | Click “OK” button. | “Desired price” is empty or smaller than 0 or equal 0. Show error message: “Input greater than 0”. | | 6 | Click “Next” button. | No store is chosen. Show error message: “You must choose at least one store”. | | 9 | Click “Submit” button. | “Address” is empty or longer than 255 characters. Show error message: “Address must be between 1-255 characters”. |   **Relationships**:   * Include suggest price   **Business Rules**:   * System needs correct information about product for getting information on amazon to suggest the most appropriate price for user. * When “Step 3: personal info” tab is shown, all fields is automatically filled and disabled except “Address” field, for member to change place to transfer product. * The image user uploads must be real picture of product. Avoid using online image. * User should provide serial number for us to verify your product. The more accurate your information is, the more relief you can get from store owner. | | | |
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