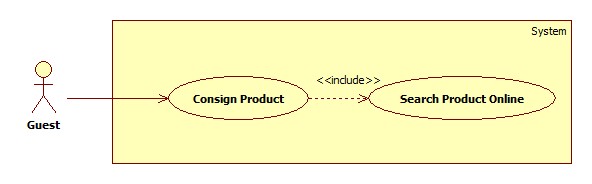
1. **<Guest> Consign product**

**Use Case Diagram**



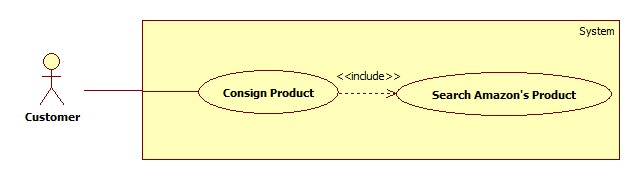
**Figure 1: <Guest> Consign product**

**Use Case Specification**

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – DHP01** | | | |
| **Use Case No.** | **DHP01** | Use Case Version | 2.0 |
| Use **Case Name** | Consign product | | |
| **Author** | DucHC | | |
| **Date** | May 23, 2015 | Priority | High |
| **Actor**:   * Guest   **Summary**:   * This use case allows guest to send consigning-product request.   **Goal**:   * Guest sends consigning requests successfully.   **Triggers**:   * Guest sends command to consign product.   **Preconditions**: N/A  **Post Conditions**:   * **Success**: Show success message. * **Fail:** Show error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends command to consign product. | System requires guest to input following information of product:   * “Tên sản phẩm”:   + Free text input.   + Min-length: 5 characters.   + Max-length: 50 characters.   + Required. * “Mã số”:   + Free text input.   + Required. * “Loại”:   + Option (example: Giày, Áo, Quần, Thắt lưng…).   + Required. * “Hãng”:   + Free text input.   + Max-length: 50 characters. * “Độ Mới”:   + Free text input.   + Format: number 1 -> 100 * “Mô tả”: free text input.   Systems also shows following component:   * “Bước kế”: send command completed inputting values. | | 2 | Guest inputs and sends product’s information to system.  [Alternative 1, 2, 3, 4] | System calls “Search Product Online” function to get a list of products with provided product’s information. System then show this list to guest with following information:   * “Tên”: label. * “Hình ảnh”: link. * “Chọn”: guest chooses one of listed products. System will default choose first product.   Systems also shows following component:   * “Trở về”: send command to go back to providing-product’s information step. * “Bước kế”: send command to finish choosing product.   [Exception: 1, 2, 3, 4] | | 3 | Guest chooses a product and inform system.  [Alternative 5, 6, 7] | System get chosen product and get its price as basic price. System gets all suitable stores for product based on category, calculates suggested price of each store then shows it to guest with following information:   * “Tên”: label. * “Địa chỉ”: label. * “Giá”: label. * “Chọn”: guest chooses one of listed stores. System will default choose first store.   Systems also shows following component:   * “Trở về”: Send command to go back to product-choosing step. * “Bước kế”: Send command to finish choosing store. | | 4 | Guest chooses a store and informs system.  [Alternative 8, 9] | System requires guest to provide personal information listed below:   * “Tên”:   + Free text input.   + Min-length: 5 characters.   + Max-length: 50 characters.   + Required. * “Địa chỉ”: free text input. * “Điện thoại”:   + Free text input.   + Min-length: 9 characters.   + Max-length: 11 characters.   + Number format.   + Required. * Email:   + Free text input.   + Email format. * “Cách thoan toán”: guest chooses one of 2 options: “Tiền mặt” and “Tài khoản paypal”. * “Mã tài khoản”: free text input. * “Hình ảnh”:   + A large box for product’s image.   + Required. * “Ngày hẹn”:   + “Từ ngày”:     - Guest picks a date.     - Default date: the next day.     - Required.   + “Đến ngày”     - Guest picks a date.     - Default date: the next 4 day.     - Required. * “Cách giao hàng": guest chooses one of two options: “Cửa hàng đến nhận” or “Tự mang đến”.   Systems also show following component:   * “Chọn ảnh”: choose an image in guest’s pc (when there is no chosen image). * “Thay ảnh”: change image by choosing one in guest’s computer (where there is chosen image). * “Xóa”: removechosen image. * “Trở về”: send command to go back to store-choosing step. * “Gửi yêu cầu”: send command to complete inputting personal information. | | 5 | Guest inputs and sends personal information to system.  [Alternative 10, 11, 12, 13, 14, 15, 16] | System completes consigning request with all the information guest provides. A successful message will be shown. Guest will get a code to check consigned-product’s status.  [Exception 5, 6, 7, 8, 9, 10, 11] |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Guest types in “Tên sản phẩm” input in providing-product’s information step. | “Mã sản phẩm” will be disabled and cannot be typed. System will text in “Tên sản phẩm” field to check similar products online. | | 2 | Guest deletes text in “Tên sản phẩm” input in providing-product’s information step. | Mã sản phẩm” will be enabled and can be typed. | | 3 | Guest types in “Mã sản phẩm” input in providing-product’s information step. | “Tên sản phẩm” will be disabled and cannot be typed. System will text in “Mã sản phẩm” field to check exact products online. | | 4 | Guest deletes text in “Mã sản phẩm” input in providing-product’s information step. | Mã sản phẩm” will be enabled and can be typed. | | 5 | Guest sends request to go back to providing-product’s information step in product-choosing step. | Systems shows providing product’s info step. | | 6 | System find exact products online with provided information when searching product by “Mã sản phẩm” in product-choosing step. | System will show guest store-choosing step with suggested prices of each store. | | 7 | System cannot find any products online with provided information when searching product by “Tên sản phẩm” in product-choosing step. | System will show guest store-choosing step without suggested price. Instead of that in “Giá” information will show “Thương lượng” text. | | 8 | Guest sends request to go back to product-choosing step in store-choosing step when system can find list of products with provided product’s information. | System will show guest product-choosing step. | | 9 | Guest sends request to go back to product-choosing step in store-choosing step when system cannot find any product online with provided product’s information. | System will show guest providing product’s information step. | | 10 | Guest have already chosen a product in product-choosing step. | “Hình ảnh” will show an image of chosen product automatically. | | 11 | Guest chooses “Tiền mặt” option in providing personal info step. | “Mã tài khoản” free text input will be hidden. | | 12 | Guest chooses “Tài khoản paypal” option in providing personal info step. | “Mã tài khoản” free text input will be shown and be required. | | 13 | Guest selects image in providing product’s info step. | System requires guest to browse image in guest’s computer and upload on page. | | 14 | Guest changes image in providing product’s info step. | System requires guest to browse image in guest’s computer and upload on page. | | 15 | Guest removes image in providing product’s info step. | Image is removed. | | 16 | Guest sends request to go back to store-choosing step. | Systems shows store-choosing step. |   **Exceptions**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | “Tên sản phẩm” text input and “Mã sản phẩm” text input are empty | System shows error message: “Xin nhập tên hoặc mã sản phẩm”. | | 2 | Inputted value of “Tên sản phẩm” field is less than 5 characters or longer than 100 characters. | System shows error message: “Yêu cầu 5 đến 100 ký tự”. | | 3 | “Loại” is not selected. | System shows error message: “Xin chọn loại sản phẩm”. | | 4 | Cannot find products with provided “Mã sản phẩm”. | System shows error message: “Không thể tìm thấy sản phẩm với mã số này”. | | 5 | Inputted value of “Full name” field is less than 5 characters or longer than 50 characters. | System shows error message: “Tên phải từ 5 đến 50 ký tự”. | | 6 | “Từ ngày” date is not selected. | System shows error message: “Xin chọn ngày hẹn đầu”. | | 7 | “Đến ngày” date is not selected. | System shows error message: “Xin chọn ngày hẹn cuối”. | | 8 | “Từ ngày” date is bigger than “Đến ngày” date. | System shows error message: “Từ ngày phải nhỏ hơn đến ngày”. | | 9 | Inputted value of “Điện thoại” field is empty or invalid. | System shows error message: “Xin nhập đúng số điện thoại”. | | 10 | Inputted value of “Email” field is not empty and invalid. | System shows error message: “Xin nhập đúng email”. | | 11 | Inputted value of “Mã tài khoản” field is empty or invalid. | System shows error message: “Xin nhập đúng mã tài khoản”. |   **Relationships**:   * Including use-case: Include Search Product Online.   **Business Rules**:   * If guest provides correct UPC, system will find correct product. * If guest provides name not UPC in providing-product’s information step, system fill find online similar product with information of “Tên sản phẩm”, “Loại” and “Hãng” (not necessary) then return a list of product with similar information and show it to guest. System also shows a message: “Nếu không tìm thấy sản phẩm của bạn, có thể bạn đã nhập sai tên. Vui lòng nhấn quay lại để sửa thông tin”. * If list of products is too much (greater than 10 items) or empty (no item), system will skip product-choosing step and require guest choose a store in next step with no suggested price. Store owner will come, check and negotiate with guest later when guest’s request is accepted. * In store-choosing step, system finds stores that sell this kind of product, based on their category. Then system uses price of chosen product in product-choosing step as basic price. System will calculate suggestion price for each store based on basic price and formula of each store. System also shows a message: “Giá cửa hàng đề nghị có thể không chính xác. Cửa hàng sẽ kiểm tra và định giá chính xác khi đến nhận hàng”. * Formula for suggested price: * If there is no product found online, there will be no suggest price. Instead of that, In “Giá” column will show “Thương lượng” and a message: “Chúng tôi không thể tìm thấy sản phẩm của bạn. Cửa hàng sẽ lưu lại yêu cầu ký gửi này và định giá sản phẩm của bạn khi đến nhận hàng” will be shown. * After sending consignment request, guest will receive a code to track product’s status and also consignment’s status. Guest can also use it to cancel consignment or extend it. * Store owner will contact and receive product on one of the day guest chose. But store owner has the right to refuse request if it’s not what store owner need, and also refuse accepting product when checking it if product doesn’t resemble the information guest provided. | | | |

1. **<Customer> Consign product**

**Use Case Diagram**



**Figure 2: <Customer> Consign product**

**Use Case Specification**

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – DHP02** | | | |
| **Use Case No.** | **DHP02** | Use Case Version | 2.0 |
| Use **Case Name** | Consign product | | |
| **Author** | DucHC | | |
| **Date** | May 23, 2015 | Priority | High |
| **Actor**:   * Customer   **Summary**:   * This use case allows customer to send consigning-product request.   **Goal**:   * Customer sends consign requests successfully.   **Triggers**:   * Customer sends command to consign product.   **Preconditions**:   * User logged in as Member.   **Post Conditions**:   * **Success**: Show success message. * **Fail:** Show error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Customer sends command to consign product. | System requires customer to input following information of product:   * “Tên sản phẩm”:   + Free text input.   + Min-length: 5 characters.   + Max-length: 50 characters.   + Required. * “Mã số”:   + Free text input.   + Required. * “Loại”:   + Option (example: Giày, Áo, Quần, Thắt lưng…).   + Required. * “Hãng”:   + Free text input.   + Max-length: 50 characters. * “Ngày mua”:   + Customer picks a date.   + Default date: today. * “Mô tả”: free text input.   Systems also shows following component:   * “Bước kế”: send command completed inputting values. | | 2 | Customer inputs and sends product’s information to system.  [Alternative 1, 2, 3, 4] | System calls “Search Product Online” function to get a list of products with provided product’s information. System then show this list to customer with following information:   * “Tên”: label. * “Hình ảnh”: link. * “Chọn”: customer chooses one of listed products. System will default choose first product.   Systems also shows following component:   * “Trở về”: send command to go back to providing-product’s information step. * “Bước kế”: send command to finish choosing product.   [Exception: 1, 2, 3, 4] | | 3 | Customer chooses a product and inform system.  [Alternative 5, 6, 7] | System get chosen product and get its price as basic price. System gets all suitable stores for product based on category, calculates suggested price of each store then shows it to customer with following information:   * “Tên”: label. * “Địa chỉ”: label. * “Giá”: label. * “Chọn”: customer chooses one of listed stores. System will default choose first store.   Systems also shows following component:   * “Trở về”: Send command to go back to product-choosing step. * “Bước kế”: Send command to finish choosing store. | | 4 | Customer chooses a store and informs system.  [Alternative 8, 9] | System requires customer to provide personal information listed below:   * “Tên”:   + Free text input.   + Min-length: 5 characters.   + Max-length: 50 characters.   + Required. * “Địa chỉ”: free text input. * “Điện thoại”:   + Free text input.   + Min-length: 9 characters.   + Max-length: 11 characters.   + Number format.   + Required. * Email:   + Free text input.   + Email format. * “Cách thoan toán”: customer chooses one of 2 options: “Tiền mặt” and “Tài khoản paypal”. * “Mã tài khoản”: free text input. * “Hình ảnh”:   + A large box for product’s image.   + Required. * “Ngày hẹn”:   + “Từ ngày”:     - Customer picks a date.     - Default date: the next day.     - Required.   + “Đến ngày”     - Customer picks a date.     - Default date: the next 4 day.     - Required. * “Cách giao hàng": customer chooses one of two options: “Cửa hàng đến nhận” or “Tự mang đến”.   Systems also show following component:   * “Chọn ảnh”: choose an image in customer’s pc (when there is no chosen image). * “Thay ảnh”: change image by choosing one in customer’s computer (where there is chosen image). * “Xóa”: remove chosen image. * “Trở về”: send command to go back to store-choosing step. * “Gửi yêu cầu”: send command to complete inputting personal information.   System will use information of st | | 5 | Customer inputs and sends personal information to system.  [Alternative 10, 11, 12, 13, 14, 15, 16] | System completes consigning request with all the information customer provides. A successful message will be shown. Customer will get a code to check consigned-product’s status.  [Exception 5, 6, 7, 8, 9, 10, 11] |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Customer types in “Tên sản phẩm” input in providing-product’s information step. | “Mã sản phẩm” will be disabled and cannot be typed. System will text in “Tên sản phẩm” field to check similar products online. | | 2 | Customer deletes text in “Tên sản phẩm” input in providing-product’s information step. | Mã sản phẩm” will be enabled and can be typed. | | 3 | Customer types in “Mã sản phẩm” input in providing-product’s information step. | “Tên sản phẩm” will be disabled and cannot be typed. System will text in “Mã sản phẩm” field to check exact products online. | | 4 | Customer deletes text in “Mã sản phẩm” input in providing-product’s information step. | Mã sản phẩm” will be enabled and can be typed. | | 5 | Customer sends request to go back to providing-product’s information step in product-choosing step. | Systems shows providing product’s info step. | | 6 | System find exact products online with provided information when searching product by “Mã sản phẩm” in product-choosing step. | System will show customer store-choosing step with suggested prices of each store. | | 7 | System cannot find any products online with provided information when searching product by “Tên sản phẩm” in product-choosing step. | System will show customer store-choosing step without suggested price. Instead of that in “Giá” information will show “Thương lượng” text. | | 8 | Customer sends request to go back to product-choosing step in store-choosing step when system can find list of products with provided product’s information. | System will show customer product-choosing step. | | 9 | Customer sends request to go back to product-choosing step in store-choosing step when system cannot find any product online with provided product’s information. | System will show customer providing product’s information step. | | 10 | Customer have already chosen a product in product-choosing step. | “Hình ảnh” will show an image of chosen product automatically. | | 11 | Customer chooses “Tiền mặt” option in providing personal info step. | “Mã tài khoản” free text input will be hidden. | | 12 | Customer chooses “Tài khoản paypal” option in providing personal info step. | “Mã tài khoản” free text input will be shown and be required. | | 13 | Customer selects image in providing product’s info step. | System requires customer to browse image in customer’s computer and upload on page. | | 14 | Customer changes image in providing product’s info step. | System requires customer to browse image in customer’s computer and upload on page. | | 15 | Customer removes image in providing product’s info step. | Image is removed. | | 16 | Customer sends request to go back to store-choosing step. | Systems shows store-choosing step. |   **Exceptions**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | “Tên sản phẩm” text input and “Mã sản phẩm” text input are empty | System shows error message: “Xin nhập tên hoặc mã sản phẩm”. | | 2 | Inputted value of “Tên sản phẩm” field is less than 5 characters or longer than 100 characters. | System shows error message: “Yêu cầu 5 đến 100 ký tự”. | | 3 | “Loại” is not selected. | System shows error message: “Xin chọn loại sản phẩm”. | | 4 | Cannot find products with provided “Mã sản phẩm”. | System shows error message: “Không thể tìm thấy sản phẩm với mã số này”. | | 5 | Inputted value of “Full name” field is less than 5 characters or longer than 50 characters. | System shows error message: “Tên phải từ 5 đến 50 ký tự”. | | 6 | “Từ ngày” date is not selected. | System shows error message: “Xin chọn ngày hẹn đầu”. | | 7 | “Đến ngày” date is not selected. | System shows error message: “Xin chọn ngày hẹn cuối”. | | 8 | “Từ ngày” date is bigger than “Đến ngày” date. | System shows error message: “Từ ngày phải nhỏ hơn đến ngày”. | | 9 | Inputted value of “Điện thoại” field is empty or invalid. | System shows error message: “Xin nhập đúng số điện thoại”. | | 10 | Inputted value of “Email” field is not empty and invalid. | System shows error message: “Xin nhập đúng email”. | | 11 | Inputted value of “Mã tài khoản” field is empty or invalid. | System shows error message: “Xin nhập đúng mã tài khoản”. |   **Relationships**:   * Including use-case: Include Search Product Online.   **Business Rules**:   * If customer provides correct UPC, system will find correct product online. * If customer provides name not UPC in providing-product’s information step, system fill find online similar product with information of “Tên sản phẩm”, “Loại” and “Hãng” (not necessary) then return a list of product with similar information and show it to customer. System also shows a message: “Nếu không tìm thấy sản phẩm của bạn, có thể bạn đã nhập sai tên. Vui lòng nhấn quay lại để sửa thông tin”. * If list of products is too much (greater than 10 items) or empty (no item), system will skip product-choosing step and require customer choose a store in next step with no suggested price. Store owner will come, check and negotiate with customer later when customer’s request is accepted. * In store-choosing step, system finds stores that sell this kind of product, based on their category. Then system uses price of chosen product in product-choosing step as basic price. System will calculate suggestion price for each store based on basic price and formula of each store. System also shows a message: “Giá cửa hàng đề nghị có thể không chính xác. Cửa hàng sẽ kiểm tra và định giá chính xác khi đến nhận hàng”. * Formula for suggested price: * If there is no product found online, there will be no suggest price. Instead of that, In “Giá” column will show “Thương lượng” and a message: “Chúng tôi không thể tìm thấy sản phẩm của bạn. Cửa hàng sẽ lưu lại yêu cầu ký gửi này và định giá sản phẩm của bạn khi đến nhận hàng” will be shown. * After sending consignment request, customer will receive a code to track product’s status and also consignment’s status. Customer can also use it to cancel consignment or extend it. * Store owner will contact and receive product on one of the day customer chose. But store owner has the right to refuse request if it’s not what store owner need, and also refuse accepting product when checking it if product doesn’t resemble the information customer provided. * Store owner will use information in consignment, not customer’s information. So that, consignor is no need to be customer. But this deal will be saved in customer’s history. | | | |

1. **<Guest> Track product status**

**Use Case Diagram**



**Figure 3: <Guest> Track product status**

**Use Case Specification**

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – DHP03** | | | |
| **Use Case No.** | DHP03 | Use Case Version | 2.0 |
| **Use Case Name** | Track product status | | |
| **Author** | DucHC | | |
| **Date** | May 29, 2015 | Priority | High |
| **Actor**:   * Guest   **Summary**:   * This use case allows guest to track product status by code.   **Goal**:   * Guest views product’s current status successfully.   **Triggers**:   * Guest sends tracking product’s status command.   **Preconditions**: N/A  **Post Conditions**:   * **Success:** View product’s current status. * **Fail:** Show error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends tracking product’s status command. | System shows guest following:   * “Mã sản phẩm”: free text input * “Kiểm tra”: send command to track product’s status. | | 2 | Guest inputs “Mã sản phẩm” and sends command to track product’s status. | System finds product with provided code and shows guest with following information:   * “Hình ảnh”: A large field to show image of product. * “Tên sản phẩm”: label. * “Loại”: label. * “Hãng”: label * “Ngày ký gửi”: label. * “Trạng thái”: label. * “Người ký gửi”:   + “Tên”: label.   + “Địa chỉ”: label.   + “Điện thoại”: label.   + “Email”: label. * “Cửa hàng”: label.   System also shows following:   * “Hủy ký gửi”: send command to cancel consignment. * “Gia hạn”: send command to extend consignment.   [Exception: 1, 2] |   **Alternative Scenario**: N/A  **Exceptions**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Inputted value of “Mã sản phẩm” field is empty. | System shows error message: “Xin nhập mã sản phẩm”. | |  | System cannot find product with inputted “Mã sản phẩm”. | System shows error message: “Sản phẩm với mã số này không tồn tại”. |   **Relationships**:   * Extending Use-case: Cancel Consigned Product (Guest sends a request to cancel a consigned products) and Extend Consigned Product (Guest send a request to extend product).   **Business Rules**:   * Guest can only track product’s status by code. * Code is ID of consignment. * When status is “Đã được đặt” or “Đã bán”, which means product is ordered or sold, guest cannot cancel it anymore. * When status is “Hết hạn”, guest can extend product’s time. | | | |

1. **<Customer> Track product status**

**Use Case Diagram**



**Figure 4: <Customer> Track product status**

**Use Case Specification**

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – DHP04** | | | |
| **Use Case No.** | DHP04 | Use Case Version | 2.0 |
| **Use Case Name** | Track product status | | |
| **Author** | DucHC | | |
| **Date** | May 29, 2015 | Priority | High |
| **Actor**:   * Customer   **Summary**:   * This use case allows customer to track product status.   **Goal**:   * Customer view product’s current status successfully.   **Triggers**:   * Customer sends tracking product’s status command.   **Preconditions**:   * User logged in as customer.   **Post Conditions**:   * **Success:** View product’s current status. * **Fail:** Show error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Customer sends tracking product’s status command. | System shows a table of consigned product with following information:   * Product name: label. * Consigned date: label. * Consigned price: label.   Each row will have a “Details” for viewing details of a consigned product. | | 3 | Customer chooses a consigned product to view details. | System shows consigned product’s details with following information:   * Image: A large field to show image of product. * Product name: label. * Consigned-price: label. * Consigned date: label. * Product’s status: label. * Product’s owner:   + Name: label.   + Address: label.   + Phone: label.   + Email: label.   + Payment method: label. * Store owner’s name: label. * System also shows: * “Cancel”: send command to cancel consignment. * “Back”: send command to go back to view listed consigned products.   [Alternative 1] |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Customer sends request to go back to view listed consigned products. | System shows listed consigned products. |   **Exceptions**: N/A  **Relationships**:   * Extending Use-case: Cancel product (Customer sends request to cancel a consigned product).   **Business Rules**:   * Customer can view consigned products of all consignments he/she had done in history. * When status is “Sold” or “Completed”, customer cannot cancel it anymore. | | | |

1. **<Guest> Cancel consigned product**

**Use Case Diagram**



**Figure 5: <Guest> Cancel consigned product**

**Use Case Specification**

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| **USE CASE – DHP05** | | | |
| **Use Case No.** | DHP05 | Use Case Version | 2.0 |
| **Use Case Name** | Cancel consigned product | | |
| **Author** | DucHC | | |
| **Date** | May 29, 2015 | Priority | High |
| **Actor**:   * Guest   **Summary**:   * This use case allows guest to cancel a consigned product.   **Goal**:   * Guest cancels a consigned product successfully.   **Triggers**:   * Guest sends canceling consigned product command.   **Preconditions**:   * Guest is viewing a consigned product’s information. * Status of product is neither “Sold” nor “Completed”.   **Post Conditions**:   * **Success:** Product’s status is changed to “Canceled”. * **Fail:** Show error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends canceling consigned product command.  [Alternative 1, 2] | System shows a confirming message if guest really wants to cancel this consigned product with two options “Yes” and “No”. | |  | Guest chooses “Yes” option.  [Alternative 3] | Product’s status is changed to “Canceled”. |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Guest sends canceling consigned product command when status is “Waiting” or “Accepted”. | System shows message: “Are you sure you want to cancel this consigned product?” with two options “Yes” and “No”. | | 2 | Guest sends canceling consigned product command when status is “In inventory” or “On web”. | System shows message: “Are you sure you want to cancel this consigned product? You will pay forfeit for this action.” with two options “Yes” and “No”. | | 3 | Guest chooses “No” option. | Message will disappear. |   **Exceptions**: N/A  **Relationships**:   * Extended Use-case: Track product status.   **Business Rules**:   * Guest can only cancel product before it’s sold. * If guest cancels before store owner gets product, consign product process will be stopped. * If guest cancels after store owner gets product, guest will be informed to take back product in a specific time and pay a forfeit for canceling consignment. After that time and guest doesn’t come to take back product, store owner will have it. | | | |

1. **<Customer> Cancel consigned product**

**Use Case Diagram**



**Figure 6: <Customer> Cancel consigned product**

**Use Case Specification**

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| **USE CASE – DHP06** | | | |
| **Use Case No.** | DHP06 | Use Case Version | 2.0 |
| **Use Case Name** | Cancel consigned product | | |
| **Author** | DucHC | | |
| **Date** | May 29, 2015 | Priority | High |
| **Actor**:   * Customer   **Summary**:   * This use case allows customer to cancel consigned product.   **Goal**:   * Customer cancels consigned product successfully.   **Triggers**:   * Customer sends canceling consigned product command.   **Preconditions**:   * User logged in as Customer. * Customer is viewing details of a consigned product. * Status of product is not “Sold” or “Completed”.   **Post Conditions**:   * **Success:** Product status is changed to “Canceled”. * **Fail:** Show error message.   **Main Success Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Customer sends canceling consigned product command.  [Alternative 1,2] | System shows a confirming message if customer really wants to cancel this consigned product with two options “Yes” and “No”. | |  | Customer chooses “Yes” option.  [Alternative 3] | Product’s status is changed to “Canceled”. |   **Alternative Scenario**:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Customer sends canceling consigned product command when status is “Waiting” or “Accepted”. | System shows message: “Are you sure you want to cancel this consigned product?” with two options “Yes” and “No”. | | 2 | Customer sends canceling consigned product command when status is “In inventory” or “On web”. | System shows message: “Are you sure you want to cancel this consigned product? You will pay forfeit for this action.” with two options “Yes” and “No”. | | 3 | Customer chooses “No” option. | Message will disappear. |   **Exceptions**: N/A  **Relationships**:   * Extended Use-case: Track product status.   **Business Rules**:   * Customer can only cancel product before it’s sold. * If customer cancels before store owner gets product, consign product process will be stopped. * If customer cancels after store owner gets product, customer will be informed to take back product in a specific time and pay a forfeit for canceling consignment. After that time and customer doesn’t come to take back product, store owner will have it. * Store owner will contact customer by information in consignment. If couldn’t, store owner will contact customer by information on profile. | | | |