##### <Member> Order

**Use case diagram**

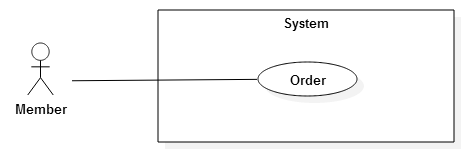


Figure: <Member> Order

**Use case Specification**

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE –** | | | |
| **Use Case No.** |  | **Use Case Version** | 2.0 |
| **Use Case Name** | Order | | |
| **Author** | Hoang Trung Hieu | | |
| **Date** | 22/09/2014 | **Priority** | Normal |
| **Actor:**   * Member.   **Summary:**   * This use case allows member to order product.   **Goal:**   * New product will be ordered.   **Triggers:**   * Member clicks on “Đặt hàng” button in product detail page.   **Preconditions:**   * User is required to login to system as member role.   **Post Conditions:**   * **Success**: Ordered product will be showed. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “Đặt hàng” button. | Navigate to “Xác nhận đơn hàng” page which contains:   * “Thông tin khách hàng”: panel. Including information:   + “Email”: label  + “Họ tên”: label  + “Số điện thoại”: label  + “Địa chỉ”: label   * “Thông tin đơn hàng”: panel. Including information:   + “Sản phẩm”: label  + “Size”: label  + “Giá”: label   * “Hoàn tất mua hàng” button. * “Cập nhật thông tin” button. * “Huỷ” button. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Session time out. | Display error message: “Bạn rời máy tính quá lâu, vui lòng đăng nhập lại để tiếp tục”.  Redirect to login page. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Cannot request to order in the original website. | Display error message: “Không thể đặt hàng sản phẩm này. Vui lòng thử lại hoặc chọn sản phẩm khác”. |   **Relationships:** N/A  **Business Rules:**   * User clicks on “Đặt hàng” button on the product detail page. * System will send request to original website to place order the product that user is desired. | | | |

##### <Member> Check out

**Use case diagram**

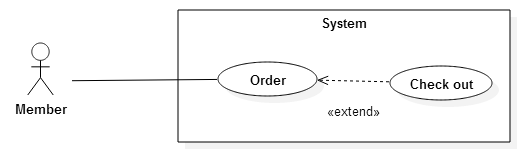


Figure: <Member> Check out

**Use case Specification**

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE –** | | | |
| **Use Case No.** |  | **Use Case Version** |  |
| **Use Case Name** | Check out | | |
| **Author** | Hoang Trung Hieu | | |
| **Date** | 22/09/2014 | **Priority** | Normal |
| **Actor:**   * Staff.   **Summary:**   * This use case allows member to check out the ordered product.   **Goal:**   * Successful check out the ordered product.   **Triggers:**   * Member wants to check out the product after ordered.   **Preconditions:**   * User must log in the system with member role and have full required check-out information. * Product have been ordered.   **Post Conditions:**   * **Success**: View successful check out page. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “Hoàn tất thanh toán” button | Navigate to “Hoàn tất đặt hàng” page which contains:   * Mã đặt hàng: label * Link kiểm tra đơn hàng: hyperlink * Trở về trang sản phẩm: button |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “Hủy” button. | The ordered product will be removed. Redirect to the previous page. | | 2 | Click “Cập nhật thông tin” button | Redirect to the “Cập nhật thông tin” page. | | 3 | Session time out. | Display error message: “Bạn rời máy tính quá lâu, vui lòng đăng nhập lại để tiếp tục”.  Redirect to login page. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Product cannot checkout | Display error message: “Không thể thanh toán sản phẩm này. Vui lòng thử lại hoặc chọn sản phẩm khác”. |   **Relationships:** N/A.  **Business Rules:**   * Member clicks “Hoàn tất mua hàng” button on “Xác nhận đơn hàng” page. * System request to check out the ordered product in original website with user’s check-out information. | | | |

1. **<Member> Update profile**

Use Case Diagram

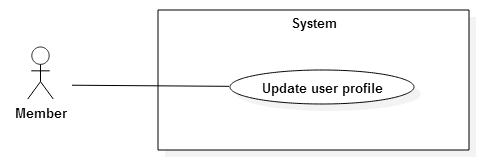


Figure … : <Member> Update profile

Use Case Specification

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE –** | | | |
| **Use Case No.** |  | **Use Case Version** | 2.0 |
| **Use Case Name** | Update profile | | |
| **Author** | Hoang Trung Hieu | | |
| **Date** | 22/09/2014 | **Priority** | Normal |
| **Actor:**   * Staff.   **Summary:**   * This use case allows staff to update their profile.   **Goal:**   * The new information has been updated.   **Triggers:**   * Member wants to change their profile information.   **Preconditions:**   * User must log in the system with member role.   **Post Conditions:**   * **Success**: New information has been updated. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “Cập nhật thông tin” menu. | Navigate to “Cập nhật thông tin” page which contains:   * “Email”: text box, min length: 6, max length: 30, regular expression: “^[\_A-Za-z0-9-\\+]+(\\.[\_A-Za-z0-9-]+)\*@[AZa-z0-9-]+(\\.[A-Za-z0-9]+)\*(\\.[A-Za-z]{2,})$”, required. * “Họ”: text box, min length: 6, max length: 30, required. * “Tên”: text box, min length: 6, max length: 30, required. * “Địa chỉ”: text box, min length: 6, max length: 30, required. * “Số di động”: text box, min length: 10, max length: 11, regular expression: “'/^(\(?[2-9]{1}[0-9]{2}\)?|[0-9]{3,3}[-. ]?)[ ][0-9]{3,3}[-. ]?[0-9]{4,4}$/'”, required. * “Tỉnh/thành”: dropdown list, list all provinces and cities in Vietnam * “Quận/Huyện”: dropdown list, list all districts that belong to the selected “Tỉnh/thành”. * “Phường/Xã”: dropdown list, list all wards that belong to the selected “Quận/Huyện”. * “Cập nhật”: button * “Huỷ”: button | | 2 | Fill full required information |  | | 3 | Click “Cập nhật” button.  [Exception 1, 2] | Update the new information to the database. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click “Huỷ” button. | Undo all and view saved information. | | 1 | Session time out | Display error message: “Bạn rời máy tính quá lâu, vui lòng đăng nhập lại để tiếp tục”.  Redirect to login page. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Email is not match regular expression | Show error message: “Email phải có dạng abc@example.com!” | | 2 | Phone number is not match regular expression | Show error message: “Số điện thoại không hợp lệ.” | | 2 | Length of these fields (“Họ”, “Tên”, “Địa chỉ”) is not in range. | Show error message: “Độ dài phải  từ 6-30 ký tự!” |   **Relationships: N/A**  **Business Rules:**   * All required information has been verified before update to database. | | | |