HANOI UNIVERSITY SCIENCE AND TECHNOLOGY

VIỆN CÔNG NGHỆ THÔNG TIN VÀ TRUYỀN THÔNG

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ĐỒ ÁN

**TỐT NGHIỆP ĐẠI HỌC**

NGÀNH CÔNG NGHỆ THÔNG TIN

WEBSITE BÁN HÀNG

Sinh viên thực hiện : **Nguyễn Đăng Thìn**

Giáo viên hướng dẫn : **Ph.D** **Nguyễn Bá Ngọc**

Hà Nội, tháng 10 – 2018

**PHIẾU GIAO NHIỆM VỤ ĐỒ ÁN TỐT NGHIỆP**

1. Information Student.

Full Name : Nguyễn Đăng Thìn

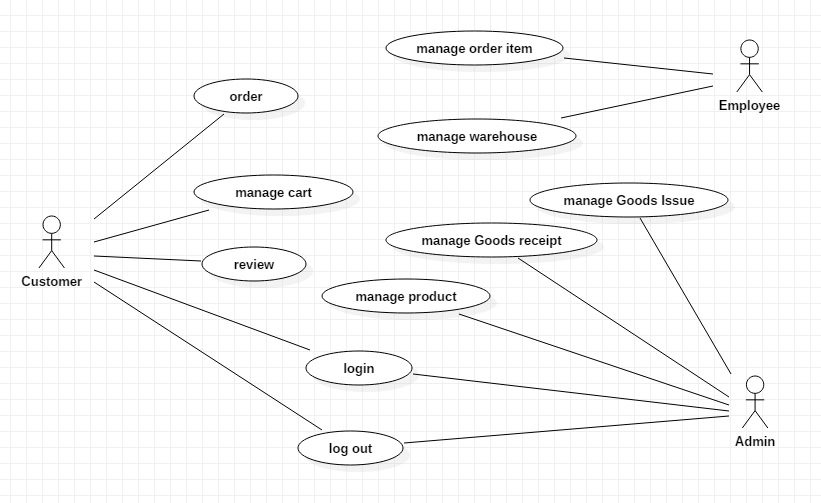
Mobile number: 039 7133 965 Email: [20138695@student.edu.vn](mailto:20138695@student.edu.vn)

Class : LTU12B

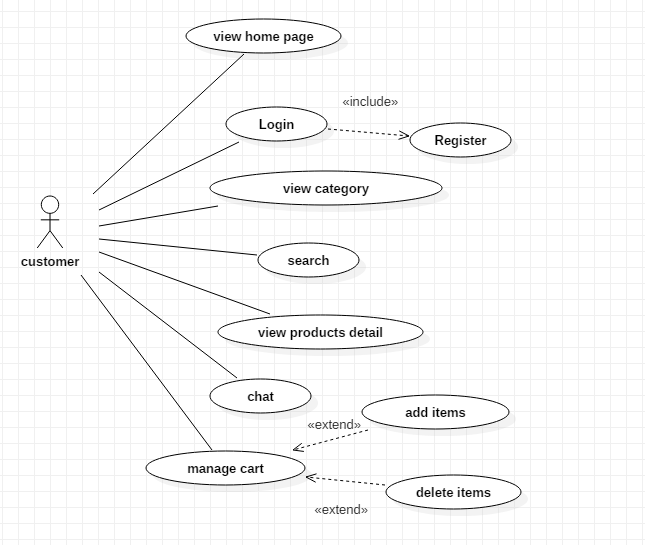
Đồ án tốt nghiệp được thực hiện tại : ĐHBKHN

Thời gian làm ĐATN Từ ngày 1/9/2018 đến 20/12/2018

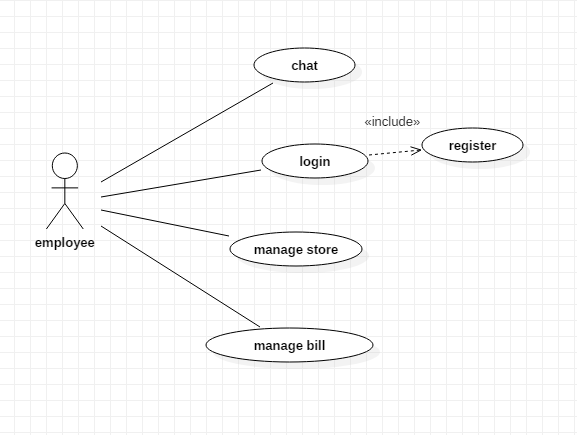
1. Usecase overview and details
2. Use case Overview



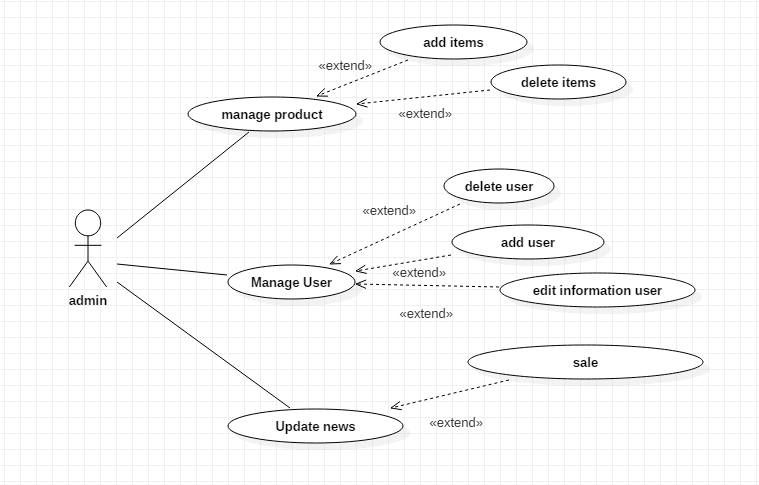
1. Use case customer detail



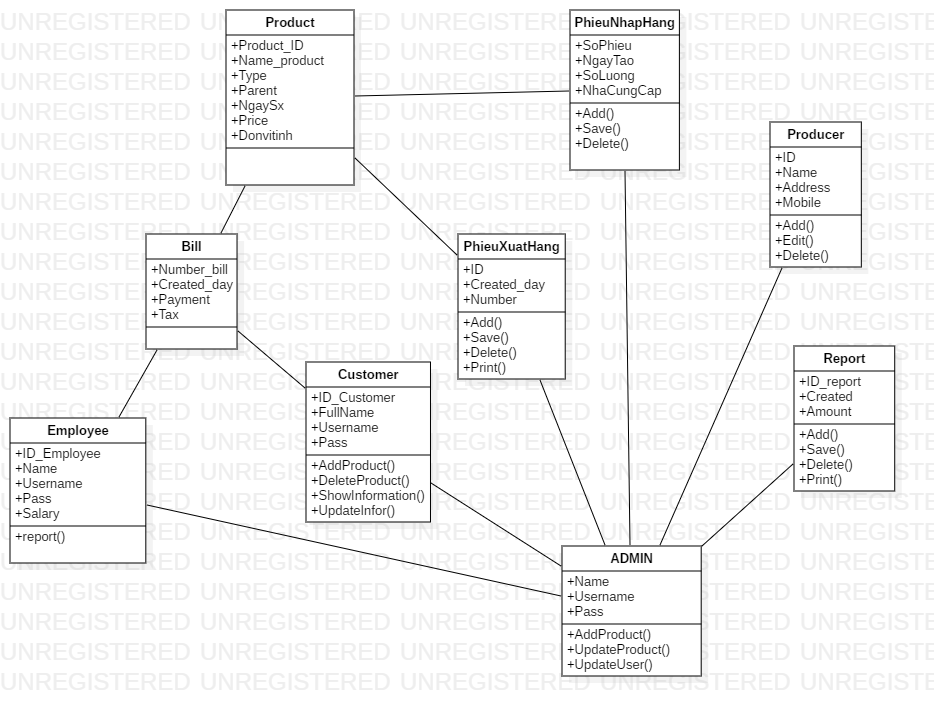
1. Usecase employee detail



1. Usecase Admin detail



1. Class diagram



1. Use case descriptions
2. Login

|  |  |
| --- | --- |
| **Use Case** | Login |
| **High level** | High |
| **Primary Actor** | Customer, admin |
| **Goal In Context** | Log in to the system |
| **Preconditions** | They has a valid username and password and is not already logged in |
| **Scenario** | 1. They to the website 2. They register account 3. They Login 4. If they login successfull to home page |
| **Exceptions** | They type an invalid username or password |

1. Log out

|  |  |
| --- | --- |
| **Use Case** | Log Out |
| **High level** | High |
| **Primary Actor** | Customer, Admin |
| **Goal In Context** | Disable customer access to the system and only view items. |
| **Preconditions** | They are log in |
| **Scenario** | 1. Customer in home page 2. Customer click button Log out |
| **Exceptions** |  |

1. Manage good receipt.

|  |  |
| --- | --- |
| **Use Case** | Manage Product Import |
| **High level** | High |
| **Primary Actor** | Admin |
| **Goal In Context** | Admin import the product into the store when product not exist or customer order large the product |
| **Preconditions** | ID product and information has been updated in database. |
| **Scenario** | 1. Admin select manage good receipt. 2. System require type ID and amount of product. 3. Admin enter ID items and amount of items 4. Admin check validate product and amount items 5. System update infiormation items |
| **Exceptions** |  |

1. Manage good issue

|  |  |
| --- | --- |
| **Use Case** | Manage good issue |
| **High level** | High |
| **Primary Actor** | Admin |
| **Goal In Context** | System permit admin manage good issue to store frome customer |
| **Preconditions** | Items exist in store |
| **Scenario** | 1. Admin select manage good issue 2. System require type ID items and items issue 3. Admin type ID items and amount items 4. System check exist items in store and enought items in the store. 5. System acount and check amount of items have esi 6. System update category. |
| **Exceptions** |  |

1. Manage user

|  |  |
| --- | --- |
| **Use Case** | Manage user |
| **High level** | High |
| **Primary Actor** | Admin |
| **Goal In Context** | Adim add, edit, delete user. |
| **Preconditions** | Information items exist in Database |
| **Scenario** | 1. Admin select manage user in menu 2. System count bill of customer 3. Admin is based on bill, can voucher or sale 4. User not enough and never order , admin can delete account user. |
| **Exceptions** |  |

1. Manage order

|  |  |
| --- | --- |
| **Use Case** | Manage Order |
| **High level** | High |
| **Primary Actor** | Employee |
| **Goal In Context** | Create bill and give bill to customer |
| **Preconditions** | Customer order items.  ID items, order are updated in the system. |
| **Scenario** | 1. Create bill 2. Type information of product in the system 3. Check validate of order 4. Click button save |
| **Exceptions** |  |

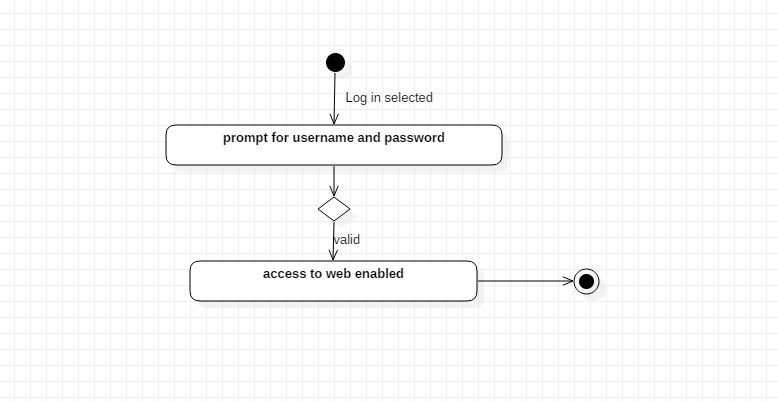
1. Manage category products

|  |  |
| --- | --- |
| **Use Case** | Manage Category Product |
| **High level** | High |
| **Primary Actor** | Admin |
| **Goal In Context** | Add, edit , delete product |
| **Preconditions** | Admin login in system |
| **Scenario** | 1. Admin click manage category products 2. Add items   + Admin click button add  + System show popup type information product, nbame, producer  + Admin type full information into form .  + Admin click button save.   1. Edit information items   + Admin click button show the list of items  + System display list of product.  + Admin select button edit or delete.  + Click button save |
| **Exceptions** |  |

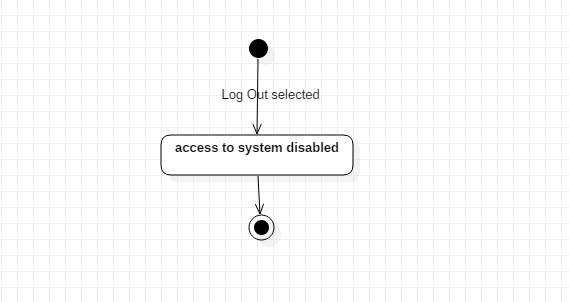
1. Order

|  |  |
| --- | --- |
| **Use Case** | Order |
| **Hight level** | Hight |
| **Primary Actor** | Customer |
| **Goal In Context** | Customer search product then order items |
| **Preconditions** | Customer log in systen |
| **Scenario** | 1. Customer type items in search 2. The system show the list of items 3. Customer select items and type information. 4. Information and feedback of products are provided by the system 5. Customer payment |
| **Exceptions** | Customers cancel orders |

1. Sequence diagram
2. Login



1. Logout



1. Nonfunctional Requirements
2. Operational Requirements

Run all browser such as : Chrome, IE, Opera, Firefox and browser mobile.

1. Performance Requirements

System run available with large user access

1. Security Requirements

Data information security and

1. Cultural and Political Requirements

No sell forbidden goods, habits and customs.

1. **Database**
2. Table Ìnormation Customer

|  |  |  |  |
| --- | --- | --- | --- |
| Field | value | Null |  |
| Id | Int(11) | Not null | Primary key |
| Name | Char(50) | Not null |  |
| Gender | Char(5) | Not null |  |
| Phone | Int(11) | Not null |  |
| Mail | Char(20) | Not null |  |
| Address | Char (50) | null |  |

1. Table Ìnormation Admin

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Id | Int(11) | Not null | Primary key |
| Name | Char(50) | Not null |  |
| Username | Char(50) | Not null |  |
| Password | Char(20) | Not null |  |
| Mail | Char(50) | Not null |  |
| Mobile | Int(11) | Not null |  |

1. Table Ìnormation employee

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Id\_Employee | Int(11) | Not null | Primary key |
| Name | Char(50) | Not null |  |
| Username | Char(50) | Not null |  |
| Password | Char(20) | Not null |  |
| Mail | Char(50) | Not null |  |
| Mobile | Int(11) | null |  |

1. Table Product

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Id | Int(11) | Not null | Primary\_key |
| Name | Char(50) | Not null |  |
| Price | Float(20) | Not null |  |
| Sale\_price | Float(20) | Null |  |
| Image | Char(30) | Not null |  |
| Content | Char(40) | Null |  |
| Created\_at | DateTime | Not null |  |
| Category\_id | Int(10) | Not null |  |
| status | Int | Not null |  |

1. Table category

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Id | Int(11) | Not null | Primary\_key |
| Name | Char(50) | Not null |  |
| Parent | Char(50) | null |  |
| Status | Int | Not null |  |

1. Table Save information orders

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Id | Int(11) | Not null | Primay\_key |
| Customer\_id | Int(10) | Not null | Foreign\_key |
| Created\_date | Date\_time | Not null |  |
| Status | Int | Not null |  |

1. Table goods Export

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Order\_id | Int(11) | Not null | Primay\_key |
| Product\_id | Int(10) | Not null | Foreign\_key |
| Status | Int | Not null |  |

1. Table Goods import

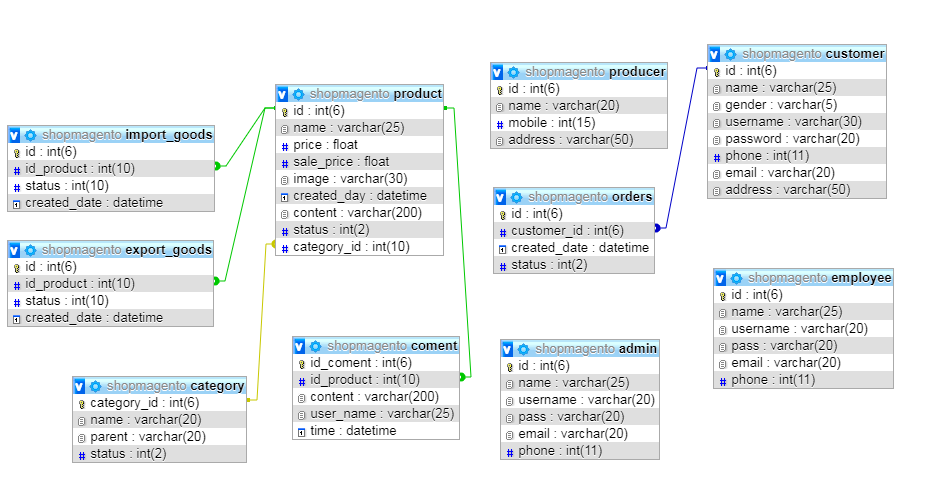
|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Order\_id | Int(11) | Not null | Primay\_key |
| Product\_id | Int(10) | Not null | Foreign\_key |
| Status | Int | Not null |  |

1. Table Producer

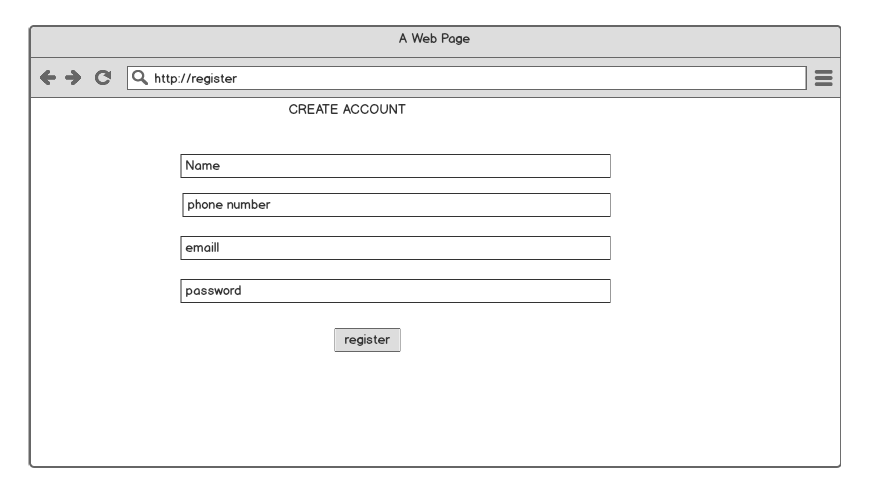
|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Company\_id | Int(11) | Not null | Primay\_key |
| Name\_company | Char(30) | Not Null |  |
| Address | Char(50) | Null |  |
| Mobile | Int(15) | Not null |  |

1. Table coment, review

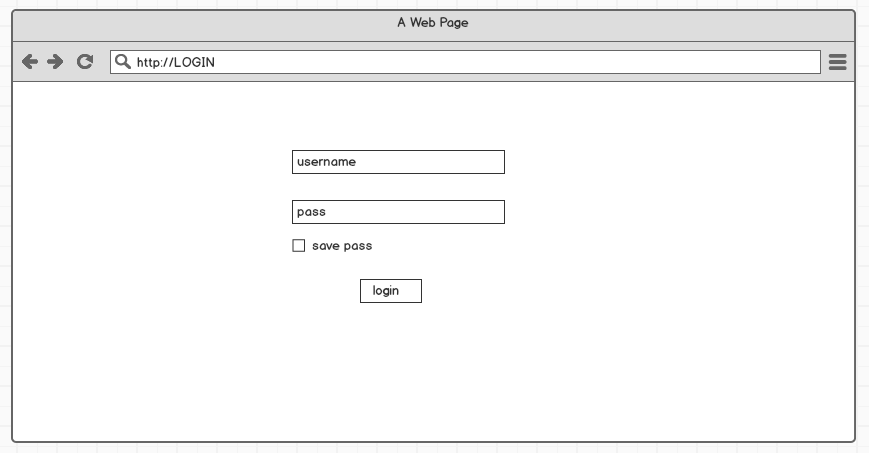
|  |  |  |  |
| --- | --- | --- | --- |
| Field | Value | Null |  |
| Id\_coment | Int(11) | Not null | Primay\_key |
| Id\_product | Int(11) | Not null | Foreign\_key |
| Content | Char(200) | Not null |  |
| Username | Char(20) | Not null |  |
| Time | Datetime | Not null |  |



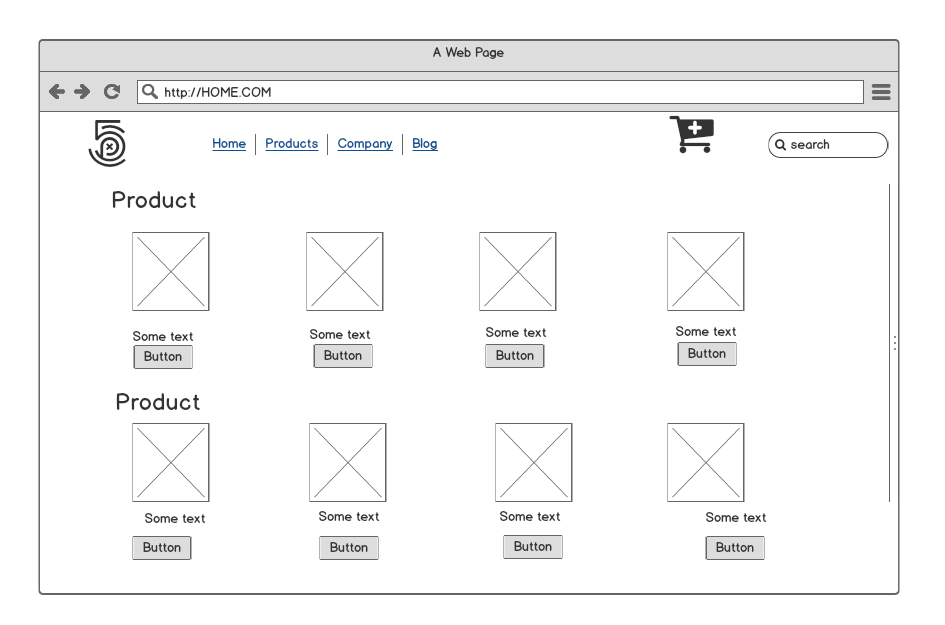
1. Front-end
2. Register



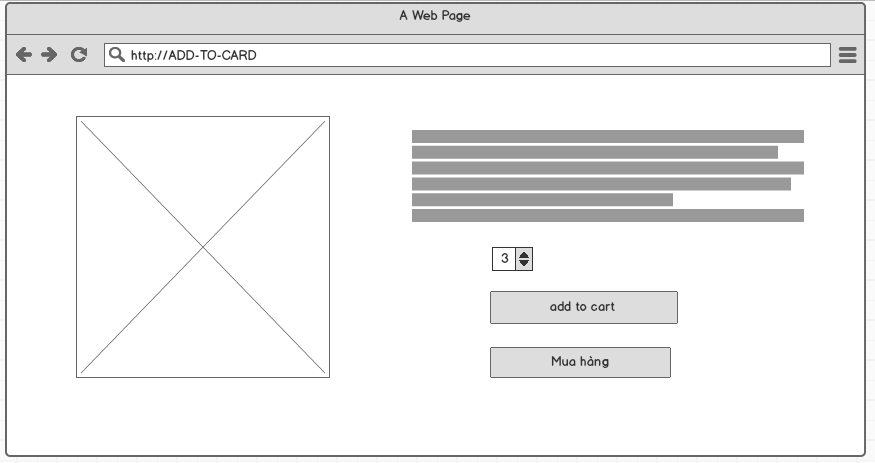
1. Login



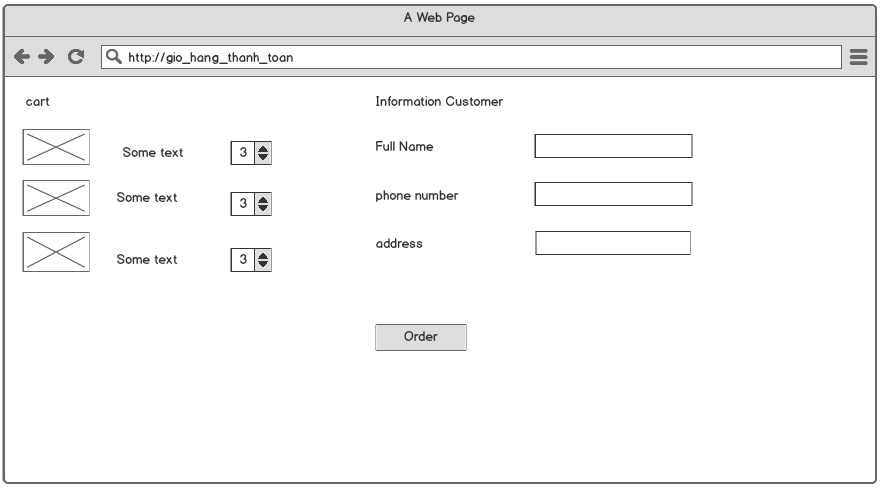
1. Home



1. Items Detail



1. Order



1. Admin –dasboard

