# [Project]

**DETAIL DESIGN DOCUMENT**

**Screen design**

**Project Code:**

**Document Code: <Project code>-DD – v<Version>**

**<Location, issued date of the Document>**

**RECORD OF CHANGE**

#### \*A - Added M - Modified D – Deleted

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| Effective Date | Changed Items | A\* M, D | Change Description | New Version |
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**SIGNATURE PAGE**

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MỤC LỤC

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# SCREEN FLOW

### 

Screen Diagram

|  |  |  |
| --- | --- | --- |
| **No** | **Screen Name** | **Description** |
| 1 | Home Page | Show all products, banner, categories (include logo, search box, sidebar, footer, header, …). Display price, promotion, name, image for each product on page. |
| 2 | Login Page | Allow user login to page |
| 3 | Register Page | Allow customer can sign up new user |
| 4 | Forgot password page | Reset password for user |
| 5 | Cart pages | Show all products that customer chosen |
| 6 | Search page | Show result that customer look up before |
| 7 | Preview product | Allow customer review product on popup when customer click on product |
| 8 | Product detail page | Show all information of product such as product detail, product information, refund policy, support info, relative product |
| 9 | Introduce page | Introduce about website |
| 10 | Policy page | Display policy of website |
| 11 | Rules page | Display rules of website |
| 12 | Contact page | Show information of website such as map (google map) and contact (hotline, email, fax). |
| 13 | Admin login page | Allow for admin login to manage page |
| 14 | Manage user | Show all users, allow add new user, edit user, delete user |
| 15 | Manage home page | Allow admin edit content of home page (include banner, category, menu, information …) |
| 16 | Manage products page | Allow admin add new product, edit product, delete product |
| 17 | Dashboard | Dashboard of admin |
|  |  |  |

## Home page screen

<screen’s component list, table below is suggestion>

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Top menu |  |  |  |  |
| 2 | Navbar |  |  |  |  |
| 3 | Slide show |  |  |  |  |
| 4 | Gird table |  |  |  |  |
| 5 | footer |  |  |  |  |

## Câu truy vấn lấy sản phẩm khuyến mãi: select \* from Products where promotion != NULL or promotion != '';

## Câu truy vấn lấy hình ảnh của sản phẩm: select \* from Images where Images.id\_product=@id\_product;

## Câu truy vấn lấy nhóm danh mục: select \* from GroupCategories;

## Câu truy vấn lấy sản phẩm theo từng nhóm danh mục: select Products.\*, GroupCategories.name as group\_category\_name, GroupCategories.id\_group\_category as group\_category\_id

## from Products, Category, GroupCategories

## Login page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Username textbox | x |  |  |  |
| 2 | Password textbox | x |  |  |  |
| 3 | Forgot password label |  |  |  |  |
| 4 | Register label |  |  |  |  |
| 5 | Sign In button | x |  |  |  |

Câu truy vấn đăng nhập tài khoản: @username varchar(20), @password varchar(50)

**select \* from Admin\_Users where username=@username and password=@password**

## Register page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Username textbox | x |  |  |  |
| 2 | Password textbox | x |  |  |  |
| 3 | Retype password textbox | x |  |  |  |
| 4 | Full name textbox |  |  |  |  |
| 5 | Email textbox | x |  |  |  |
| 6 | Phone textbox | x |  |  |  |
| 7 | Register button | x |  |  |  |

Add new user: @username varchar(20),

@password varchar(50),

@fullname nvarchar(50),

@email varchar(255),

@address ntext,

@phone\_number varchar(15),

@role varchar(255),

@created\_at datetime,

@updated\_at datetime

**insert into Admin\_Users(username, password, fullname, email, address, phone\_number, role, created\_at, updated\_at)**

**values(@username, @password, @fullname, @email, @address, @phone\_number, @role, @created\_at, @updated\_at);**

## Forgot password page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Email textbox | x |  |  |  |
| 2 | Send button |  |  |  |  |

Câu truy vấn: **SELECT username, [password] FROM Users WHERE email = @email**

## Cart page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Product listview |  |  |  |  |
| 2 | Payment button |  |  |  |  |
| 3 | Update cart button |  |  |  |  |
| 4 | Delete cart button |  |  |  |  |
| 5 | Continue shopping |  |  |  |  |

@id\_product int

Câu truy vấn lấy sản phẩm theo id: **select \* from Products where id\_product = @id\_product;**

Câu truy vấn lấy hình ảnh sản phẩm: **select \* from Images where Images.id\_product=@id\_product;**

## Search page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Product listview |  |  |  |  |
| 2 | Pagination |  |  |  |  |

Câu truy vấn lấy hình ảnh sản phẩm: **select \* from Images where Images.id\_product=@id\_product;**

Câu truy vấn tìm kiếm sản phẩm theo tên: @q NVARCHAR(255)

**select Products.id\_product, Category.name as category, Products.name, price,** **status, promotion, tag, details, description, content, Images.link\_image**

**from Products, Category, Images**

**where Products.id\_category=Category.id\_category and Products.name like '%'+@q+'%' and Images.id\_product=Products.id\_product**

**order by id\_product DESC**

Câu truy vấn tìm kiếm sản phẩm theo giá:

@min\_price int,

@max\_price int

**select Products.\*, Images.link\_image**

**from Products, Images**

**where Products.price >=@min\_price and price <@max\_price and Images.id\_product=Products.id\_product**

Câu truy vấn tìm kiếm sản phẩm theo danh mục và nhóm: @category\_id int, @group\_category\_id int

**select Products.\*, GroupCategories.name as group\_category\_name, GroupCategories.id\_group\_category as group\_category\_id**

**from Products, Category, GroupCategories**

**where**

**Products.id\_category=Category.id\_category and**

**Category.id\_group\_category=GroupCategories.id\_group\_category and**

**Category.id\_category=@category\_id and GroupCategories.id\_group\_category=@group\_category\_id**

## Review product screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Product image |  |  |  |  |
| 2 | Name label |  |  |  |  |
| 3 | Price label |  |  |  |  |
| 4 | Quantity textbox |  |  |  |  |
| 5 | Add to cart button |  |  |  |  |

## Product detail page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Product image |  |  |  |  |
| 2 | Name label |  |  |  |  |
| 3 | Price label |  |  |  |  |
| 4 | Quantity textbox |  |  |  |  |
| 5 | Add to cart button |  |  |  |  |
| 6 | Product detail tab |  |  |  |  |
| 7 | Product information tab |  |  |  |  |
| 8 | Relative products slideshow |  |  |  |  |

Câu truy vấn lấy sản phẩm theo id: @id\_product int

**select \* from Products where id\_product = @id\_product;**

Câu truy vấn lấy hình ảnh sản phẩm: **select \* from Images where Images.id\_product=@id\_product;**

Câu truy vấn lấy sản phẩm theo id danh mục: **select \* from Products where (select id\_category from Products where id\_product=@id\_product)=id\_category**

## Introduce page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Product listview |  |  |  |  |
| 2 | Pagination |  |  |  |  |

## Policy page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Paragraph tag |  |  |  |  |

## Rules page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Paragraph tag |  |  |  |  |

## Contact page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Google map |  |  |  |  |
| 2 | Fullname textbox |  |  |  |  |
| 3 | Email textbox |  |  |  |  |
| 4 | Content text area |  |  |  |  |

## Admin login page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Username textbox |  |  |  |  |
| 2 | Password textbox |  |  |  |  |
| 3 | SignIn button |  |  |  |  |

Câu truy vấn Login theo tài khoản admin: @username varchar(20), @password varchar(50)

**select \* from Admin\_Users where username=@username and password=@password**

## Manage user screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Users listview |  |  |  |  |
| 2 | Pagination |  |  |  |  |
| 3 | Add user button |  |  |  |  |
| 4 | Edit user button |  |  |  |  |
| 5 | Delete user button |  |  |  |  |

## Manage product page screen

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Component Name** | **Required** | **Format** | **Reference** | **Note** |
| 1 | Product listview |  |  |  |  |
| 2 | Pagination |  |  |  |  |
| 3 | Add user button |  |  |  |  |
| 4 | Edit user button |  |  |  |  |
| 5 | Delete user button |  |  |  |  |