# Report 5 - System Implementation & Test

## Introduction

### Overview

This section describes the approach and methodologies used by group to plan, organize and manage the testing of House Decor system. It provides in the detail all necessary information about the implementation and testing procedure of the system included test plans, test cases, test result, test environments, pass/fail criteria and risks estimations as well as a checklist to cover all possible cases.

### Test Approach

* Goal: Test all features in the whole House Decor system based on the core flow.
* Method: black-box testing
* Technique: check list

The testing for this project will consists of Integration System test level. Testing the program which was integrated and as a complete system to ensure that the software requirements have been met.

* Integration testing would be performed by all member of team and approved by team leader.

System testing is focused on assessing the system’s reliability. This process is concerned with finding errors that result from unanticipated interactions between components and component interface problems.

## Database Relationship Diagram

### Physical Diagram

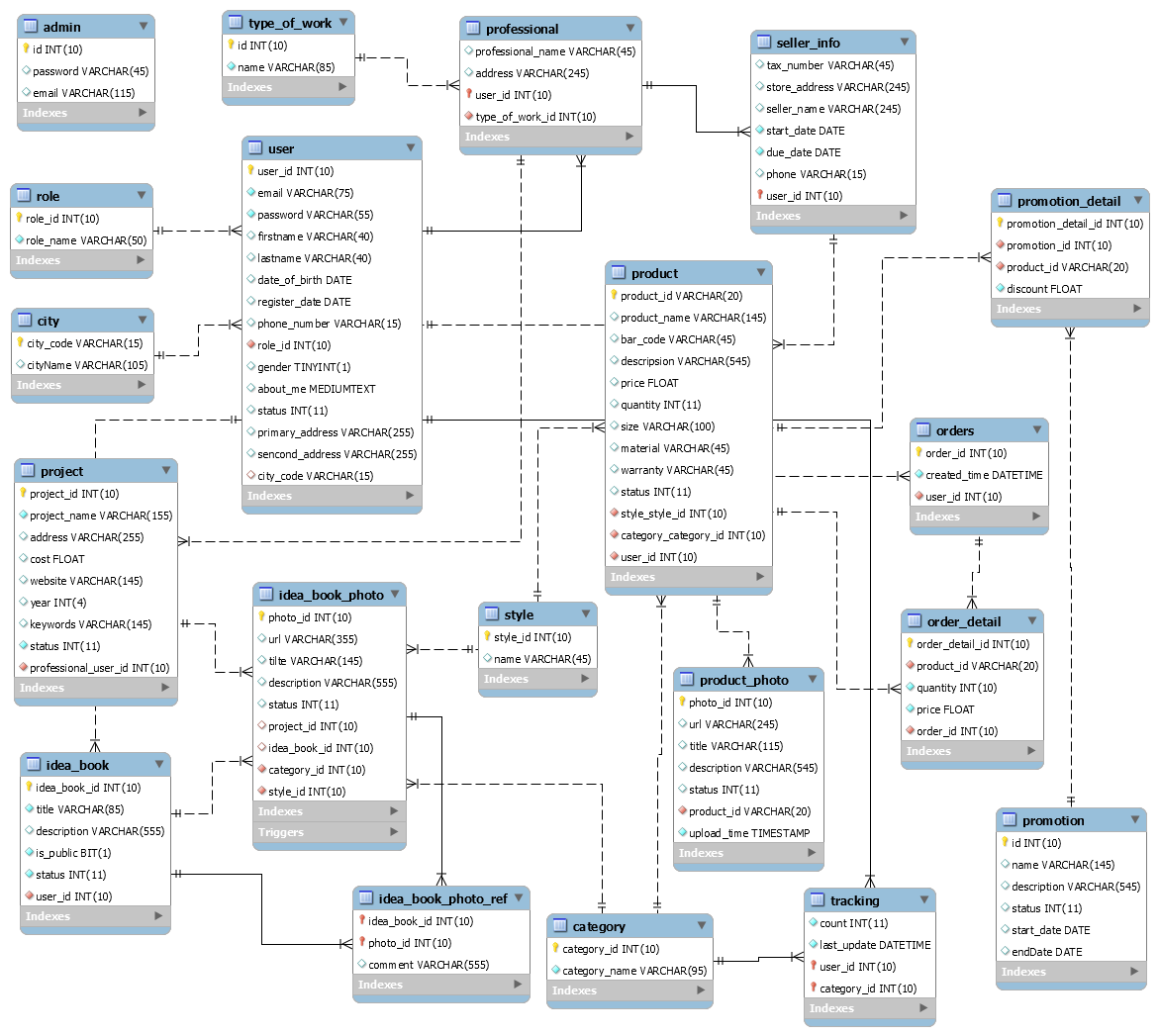


Figure 1: <Database Relation Diagram> Physical Diagram

### Data Dictionary

|  |  |  |
| --- | --- | --- |
| Data dictionary: describe content of all tables | | |
| Table Name | **Mapping column with Conceptual diagram** | **Description** |
| Admin |  | Admin’s accounts in the system. |
| Professional | Type\_Of\_Work, Project, Seller\_Info, Project | Professional’s information in the system. |
| User | Role, Professional, Idea\_Book, Story, City, Bookmark, Order, Tracking | User’s accounts in the system. |
| Role | User | Roles in the system. |
| Orders | User, Order\_Detail | Orders in the system. |
| Order\_Detail | Order, Product | Order’s details in the system. |
| City | User | Cities in the system. |
| Tracking | User, Category | Tracking user’s activities in the system. |
| Category | Tracking, Product, Idea\_Book\_Photo | Categories in the system. Example of category are . |
| Idea\_Book\_Photo | Project, Idea\_Book, Idea\_Book\_Photo\_Ref, Category, Style | Idea book and project photos in the system. |
| Project | Idea\_Book\_Photo, Professional, Bookmark | Projects in the system. |
| Idea\_Book | Idea\_Book\_Photo, User, Idea\_Book\_Ref | Idea books in the system. |
| Product\_Photo | Product | Product’s photos in the system. |
| Type\_Of\_Work | Professional | Types of work in the system. |
| Seller\_Info | Professional, Product | Seller’s informations in the system. |
| Promotion | Promotion\_Detail, Product\_Has\_Promotion | Promotions in the system. |
| Product | Product\_Photo, Seller\_Info, Category, Style | Products in the system. |
| Style | Product, Idea\_Book\_Photo | Styles in the system. |
| Promotion\_Detail | Product, Promotion | Promotion’s detail in the system. |
| Idea\_Book\_Photo\_Ref | Idea\_Book, Idea\_Book\_Photo | Photo save from others in the system. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table Name | Attributes | Description | Domain | Null |
| Admin | id | Unique id of an account. | Integer | No |
| password | Password of an account. | String | No |
| email | Email of an account. | String | No |
| Professional | nameProfessional | Name of an professional. | String | No |
| address | Address of an professional. | String | No |
| userId | Id of user. | Integer | No |
| TypeOfWorkId | Id of TypeOfWork | Integer | No |
| User | userId | Unique id of user role. | Integer | No |
| email | Email of an user. | String | No |
| Password | Password of an user. | String | No |
| Firstname | Firstname of an user. | String | No |
| Lastname | Lastname of an user. | String | No |
| DateOfBirth | Birthdate of an user. | Date | No |
| RegisterDate | Register date of an user. | Date | No |
| PhoneNumber | Phone number of an user. | String | No |
| RoleId | Id of role. | Integer | No |
| Gender | Gender of an user. | Integer | No |
| AboutMe | Description about user. | String | Yes |
| Status | Status of an user. | Integer | No |
| PrimaryAddress | Primary address of an user. | String | Yes |
| SecondAddress | Second address of an user. | String | Yes |
| cityCode | Code of city | Integer | No |
| Role | RoleId | Unique id of a role. | Integer | No |
| RoleName | Name of a role. | String | No |
| Order | OrderId | Unique id of a order. | Integer | No |
| CreatedTime | Created time of an order. | Date | No |
| Status | Status of an order. | Integer | No |
| UserId | Id of user. | Integer | No |
| Order Detail | OrderDetailId | Unique id of an OrderDetail. | Integer | No |
| ProductId | Id of product. | Integer | No |
| Quantity | Quantity of an product. | Integer | No |
| Price | Price of an product. | Float | No |
| StoreId | Id of store. | Integer | No |
| Status | Status of an OrderDetail. | Integer | No |
| OrderId | Id of an order. | Integer | No |
| City | CityCode | Unique id of a City. | Integer | No |
| CityName | Name of a city. | String | No |
| Tracking | Count | Unique id of an author. | Integer | No |
| LastUpdate | Last update date. | Date | No |
| UserId | Id of an user. | Integer | No |
| CategoryId | Id of a category | Integer | No |
| Category | CategoryId | Unique id of a category. | Integer | No |
| CategoryName | Name of a category. | String | No |
| Idea\_Book\_Photo | PhotoId | Unique id of a Photo. | Integer | No |
| Url | Url of a photo. | String | No |
| Title | Title of a photo. | String | No |
| Description | Description of a photo | String | Yes |
| Status | Status of a photo. | Integer | No |
| ProjectId | Id of a project. | Integer | Yes |
| IdeabookId | Id of an idea book | Integer | Yes |
| CategoryId | Id of a categegory. | Integer | No |
| StyleId | Id of a style. | Integer | No |
| Project | ProjectId | Unique id of a Project. | Integer | No |
| ProjectName | Name of a project. | String | No |
| Address | Address of a project. | String | No |
| Cost | Cost of a project. | Float | Yes |
| Website | Website of a project. | String | Yes |
| Year | Year of a project | Intger | Yes |
| Keywords | Keywords of a project. | String | Yes |
| Status | Status of a project. | Integer | No |
| UserId | Id of an user. | Integer | No |
| Idea book | IdeabookId | Unique id of a idea book. | Integer | No |
| Title | Title of an idea book. | String | No |
| Description | Description of an idea book. | String | Yes |
| IsPublic | Idea book is public or not. | Integer | No |
| Status | Status of an idea book. | Integer | No |
| UserId | Id of an user. | Integer | No |
| Product Photo | ProductPhotoId | Unique id of a product’s photo. | Integer | No |
| Url | Url of a product’s photo. | String | No |
| Title | Title of a product’s photo. | String | No |
| Description | Description of a product’s photo. | String | Yes |
| Status | Status of a product’s photo. | Integer | No |
| ProductId | Id of a product | String | No |
| Type Of Work | Id | Unique id of a type of work. | Integer | No |
| Name | Name of a type of work. | String | No |
| Seller | TaxNumber | Unique id of a seller. | String | No |
| StoreAddress | Store address. | String | No |
| SellerName | Name of a seller. | String | No |
| StartDate | Date seller open store on system. | Date | No |
| DueDate | Date seller close store on system. | Date | No |
| Phone | Phone of a seller. | String | No |
| UserId | Id of an user. | Integer | No |
| Promotion | Id | Unique id of a promotion. | Integer | No |
| Name | Name of a promotion. | String | No |
| Description | Description of a promotion. | String | No |
| Status | Status of a promotion. | Integer | No |
| StartDate | Date promotion start on system. | Date | No |
| EndDate | Date promotion end on system. | Date | No |
| Product | ProductId | Unique id of a Product. | String | No |
| ProductName | Name of a product. | String | No |
| Desciption | Desciption of a product. | String | No |
| Price | Price of a product. | Float | No |
| Quantity | Quantity of a product. | Integer | No |
| Size | Size of a product. | String | Yes |
| Material | Material of a product. | String | Yes |
| Warranty | Warranty of a product. | String | Yes |
| Status | Status of a product. | Integer | No |
| CategoryId | Id of category | Integer | No |
| StyleId | Id of style | Integer | No |
|  | Seller\_UserId | Id of user is seller. | Integer | No |
| Style | StyleId | Unique id of a Style. | Integer | No |
| Name | Name of a style. | String | No |
| Promotion Detail | PromotionDetailId | Unique id of a Promotion detail. | Integer | No |
| PromotionId | Id of promotion | Integer | No |
| Productid | Id of product | String | No |
| Price | Price of product | Float | Yes |
| Idea\_Book\_Photo\_Ref | IdeaBookId | Id of idea book | Integer | No |
| PhotoId | Id of photo | Integer | No |
| Comment | Comment | String | Yes |

Table 1: Data dictionary: Describe content of all tables

## Performance Measures

This section measure the speed of the system on certain task, and the average time it took to assign a new request

### 3.1 Test environment

### 3.2 Test cases

* Using browser to perform certain task
* List of function to be tested

|  |  |  |
| --- | --- | --- |
| No | Function Name | Description |
| 1 |  |  |
| 2 |  |  |

Table 2: Test case

### 3.3 Test result

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test case | Time (unit: second) | | | | | |
| **1** | **2** | **3** | **4** | **5** | **Average** |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |

Table 3: Test result

## Test Plans

### Features to be tested

* 1. **Guest**:
     + Login
     + Add product to shopping cart
  2. **Member**:
     + Check out order
     + Create an idea book
     + Add photo to idea book
  3. **Professional**:
     + Create a project
     + Add photo to project
  4. **Seller**:
     + Create a product
  5. **Admin**:
     + Activate/ Deactivate an account
     + Approve a photo in an idea book
     + Approve an idea book
     + Approve a product
  6. **System**:
     + Send notification to seller
     + Send promotion to customer

### Features not to be tested

1. **Guest:**
   * + **Edit shopping cart**
2. **User:**
3. **Professional:**
4. **Admin:**
5. **System****:**

## 

## System Testing Test Case

### Web Application Test Cases

#### <Guest> Login

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 101 | Login with valid email and password | 1. Go to login page  2. Input valid email and password  3. Press “đăng nhập” button | Show target main page |  | PASS | 06/08/2017 |
| 102 | Login with invalid password | 1. Go to login page  2. Input valid email and invalid password  3. Press “đăng nhập” button | Show message “Email hoặc Password không đúng !!” |  | PASS | 06/08/2017 |
| 103 | Login with invalid email | 1. Go to login page  2. Input invalid email and valid password  3. Press “đăng nhập” button | Show message “Email hoặc Password không đúng !!” |  | PASS | 06/08/2017 |
| 104 | Login with blocked account | 1. Go to login page  2. Input blocked account: email and password  3. Press “đăng nhập” button | Show message “Tài khoản đang bị khóa” |  | PASS | 06/08/2017 |

Table 4: <Guest> Login

#### <Guest> Add product to shopping cart

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 201 | Add a product to empty cart | 1. Go to “Mua sắm” page  2. Choose product  3. Press “Thêm vào giỏ hang” button | Show message “Sản phẩm đã được them vào giỏ hàng” |  | PASS | 06/08/2017 |
| 202 | Add product with quantity >= 2 to empty cart | 1. Go to “Mua sắm” page  2. Choose product  3. Choose quantity: 2  3. Press “Thêm vào giỏ hang” button | Show message “Sản phẩm đã được them vào giỏ hàng” |  | PASS | 06/08/2017 |
| 203 | Add a product to existed cart | 1. Go to “Mua sắm” page  2. Choose product  3. Press “Thêm vào giỏ hàng” button  4. Choose “Tiếp tục mua sắm” button  5. Choose another product  6. Press “Thêm vào giỏ hàng” | Show message “Sản phẩm đã được them vào giỏ hàng” |  | PASS | 06/08/2017 |
| 204 | Add product with quantity >= 2 to existed cart | 1. Go to “Mua sắm” page  2. Choose product  3. Press “Thêm vào giỏ hàng” button  4. Choose “Tiếp tục mua sắm” button  5. Choose another product  6. Choose quantity: 2  7. Press “Thêm vào giỏ hàng” | Show message “Sản phẩm đã được them vào giỏ hàng” |  | PASS | 06/08/2017 |
| 205 | Add product and the product is existed in cart | 1. Go to “Mua sắm” page  2. Choose product  3. Press “Thêm vào giỏ hàng” button  4. Choose “Tiếp tục mua sắm” button  5. Choose the product again  6. Choose quantity: 1  7. Press “Thêm vào giỏ hàng” | Show message “Sản phẩm đã được them vào giỏ hàng” |  | PASS | 06/08/2017 |

Table 5: <Guest> Add product to shopping cart

#### <Member> Check out order

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 301 | Check out an empty cart | 1. Go to shopping cart page  2. Press “Hoàn thành” button | Show message “Giỏ hàng trống” |  | PASS | 06/08/2017 |
| 302 | Check out cart with products as Guest | 1. Go to shopping cart page  2. Press “Hoàn thành” button | Show login page |  | PASS | 06/08/2017 |
| 303 | Check out cart with products as Member | 1. Add product to shopping cart  2. Go to shopping cart page  3. Press “Hoàn thành” button | Show message “Đặt hàng thành công” |  | PASS | 06/08/2017 |

Table 6: <Member> Check out order

#### <Member> Create an idea book

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 401 | Create a valid idea book | 1. Go to create idea book form  2. Type in title (Ex: Ngôi nhà mơ ước)  3. Type in description (Ex: Mơ ước đạt được)  4. Press “Thêm ý tưởng” button |  |  | PASS | 06/08/2017 |
| 402 | Cancel create idea book form | 1. Go to create idea book form  2. Press “Hủy” button |  |  | PASS | 06/08/2017 |
| 403 | Create an idea book without idea book’s title | 1. Go to create idea book form  2. Type in description (Ex: Mơ ước đạt được)  3. Press “Thêm ý tưởng” button |  |  | PASS | 06/08/2017 |
| 404 | Create an idea book with title is existed | 1. Go to create idea book form  2. Type existed title in title field (Ex: Ngôi nhà mơ ước)  3. Type in description (Ex: Mơ ước đạt được)  4. Press “Thêm ý tưởng” button |  |  | PASS | 06/08/2017 |
| 405 | Create an idea book without description | 1. Go to create idea book form  2. Type in title (Ex: Ngôi nhà mơ ước)  3. Press “Thêm ý tưởng” button |  |  | PASS | 06/08/2017 |

Table 7: <Member> Create an idea book

#### <Member> Add photo to idea book

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 501 | Add a valid photo to idea book | 1. Go to idea book detail page  2. Press “Thêm hình ảnh” button  3. Type in title (Ex: abc)  4. Press “Chọn tệp” button and choose a photo  5. Type in description  6. Press “Thêm hình ảnh” button |  |  | PASS | 06/08/2017 |
| 502 | Add a photo without title | 1. Go to idea book detail page  2. Press “Thêm hình ảnh” button  3. Press “Chọn tệp” button and choose a photo  4. Type in description  5. Press “Thêm hình ảnh” button |  |  | PASS | 06/08/2017 |
| 503 | Add a photo without upload file | 1. Go to idea book detail page  2. Press “Thêm hình ảnh” button  3. Type in title (Ex: abc)  4. Type in description  5. Press “Thêm hình ảnh” button |  |  | PASS | 06/08/2017 |
| 504 | Add a photo without description | 1. Go to idea book detail page  2. Press “Thêm hình ảnh” button  3. Type in title (Ex: abc)  4. Press “Chọn tệp” button and choose a photo  5. Press “Thêm hình ảnh” button |  |  | PASS | 06/08/2017 |
| 505 | Add a photo from other idea book |  |  |  | PASS | 06/08/2017 |

Table 8: <Member> Add photo to idea book

#### <Professional> Create a project

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 601 | Create a valid project | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in address (Ex: 123 Phạm Ngũ Lão)  4. Type in cost (Ex: 123000)  5. Type in website (Ex: <http://www.abc.com>)  6. Type in year (Ex: 2000)  7. Press “Tạo dự án” button | New project is added to list |  | PASS | 06/08/2017 |
| 602 | Cancel create project form | 1. Go to create project form  2. Press “Hủy” button | Close create project form |  |  |  |
| 603 | Create a project without project’s name | 1. Go to create project form  2. Type in address (Ex: 123 Phạm Ngũ Lão)  3. Type in cost (Ex: 123000)  4. Type in website (Ex: <http://www.abc.com>)  5. Type in year (Ex: 2017)  6. Press “Tạo dự án” button | Show message “Vui lòng điền vào trường này” |  | PASS | 06/08/2017 |
| 604 | Create a project with name is existed | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in address (Ex: 123 Phạm Ngũ Lão)  4. Type in cost (Ex: 123000)  5. Type in website (Ex: <http://www.abc.com>)  6. Type in year (Ex: 2010)  7. Press “Tạo dự án” button | Show message “Trùng tên dự án” |  | PASS | 06/08/2017 |
| 605 | Create a project without address | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in cost (Ex: 123000)  4. Type in website (Ex: <http://www.abc.com>)  5. Type in year (Ex: 2016)  6. Press “Tạo dự án” button | Show message “Vui lòng điền vào trường này” |  | PASS | 06/08/2017 |
| 606 | Create a project without cost | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in address (Ex: 123 Phạm Ngũ Lão)  4. Type in website (Ex: <http://www.abc.com>)  5. Type in year (Ex: 2016)  6. Press “Tạo dự án” button | New project is added to list |  | PASS | 06/08/2017 |
| 607 | Create a project without website | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in address (Ex: 123 Phạm Ngũ Lão)  4. Type in cost (Ex: 123000)  5. Type in year (Ex: 2016)  6. Press “Tạo dự án” button | New project is added to list |  | PASS | 06/08/2017 |
| 608 | Create a project with invalid website format | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in address (Ex: 123 Phạm Ngũ Lão)  4. Type in cost (Ex: 123000)  5. Type in website (Ex: [abc.com](http://www.abc.com))  6. Type in year (Ex: 2010)  7. Press “Tạo dự án” button | Show message “Vui lòng nhập URL” |  | PASS | 06/08/2017 |
| 609 | Create a project without year | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in address (Ex: 123 Phạm Ngũ Lão)  4. Type in cost (Ex: 123000)  5. Type in website (Ex: <http://www.abc.com>)  6. Press “Tạo dự án” button | Show message “Vui lòng điền vào trường này” |  | PASS | 06/08/2017 |
| 610 | Create a project with year < 2000 | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in address (Ex: 123 Phạm Ngũ Lão)  4. Type in cost (Ex: 123000)  5. Type in website (Ex: <http://www.abc.com>)  6. Type in year (Ex: 1999)  7. Press “Tạo dự án” button | Show message “Giá trị phải lớn hơn hoặc bằng 2000” |  | PASS | 06/08/2017 |
| 611 | Create a project with year > 2017 | 1. Go to create project form  2. Type in name (Ex: Nhà cao tầng)  3. Type in address (Ex: 123 Phạm Ngũ Lão)  4. Type in cost (Ex: 123000)  5. Type in website (Ex: http://www.abc.com)  6. Type in year (Ex: 2018)  7. Press “Tạo dự án” button | Show message “Giá trị phải nhỏ hơn hoặc bằng 2017” |  | PASS | 06/08/2017 |

Table 9: <Professional> Create a project

#### <Professional> Add photo to project

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 701 | Add a valid photo to project |  |  |  | PASS | 06/08/2017 |
| 702 | Add a photo without title |  |  |  | PASS | 06/08/2017 |
| 703 | Add a photo without upload file |  |  |  | PASS | 06/08/2017 |
| 705 | Add a photo without description |  |  |  | PASS | 06/08/2017 |

Table 10: <Professional> Add photo to project

#### <Seller> Create product

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 801 | Create a valid product |  |  |  | PASS | 06/08/2017 |
| 802 | Create a product without product’s name |  |  |  | PASS | 06/08/2017 |
| 803 | Create a product with name is existed |  |  |  | PASS | 06/08/2017 |
| 804 | Create a product without barcode |  |  |  | PASS | 06/08/2017 |
| 805 | Create a product without description |  |  |  | PASS | 06/08/2017 |
| 806 | Create a product without price |  |  |  | PASS | 06/08/2017 |
| 807 | Create a product with price is characters |  |  |  | PASS | 06/08/2017 |
| 808 | Create a product without quantity |  |  |  | PASS | 06/08/2017 |
| 809 | Create a product with quantity is characters |  |  |  | PASS | 06/08/2017 |
| 810 | Create a product with quantity <0 |  |  |  | PASS | 06/08/2017 |
| 811 | Create a product without size |  |  |  | PASS | 06/08/2017 |
| 812 | Create a product without warranty |  |  |  | PASS | 06/08/2017 |

Table 11: <Seller> Create product

#### <Admin> Activate/ Deactivate an account

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 901 | Active account from list manage page | 1. Go to blocked list account page  2. Press “Mở tài khoản” button | Show list account page without the activated account |  | PASS | 06/08/2017 |
| 902 | Active account from account detail page | 1. Go to blocked account detail page  2. Press “Mở tài khoản” button |  |  | PASS | 06/08/2017 |

Table 13: <Admin> Admin activate/ deactivate an account

#### <Admin> Accept/ Block a photo in an idea book

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 1001 | Accept a photo in an idea book | 1. Go to idea book detail page  2. Choose photo  3. Press “Chấp nhận” button | Occurs checked right icon on the photo |  | PASS | 06/08/2017 |
| 1002 | Accept a blocked photo in an idea book | 1. Go to idea book detail page  2. Choose blocked photo  3. Press “Chấp nhận” button | Occurs checked right icon on the photo |  | PASS | 06/08/2017 |
| 1003 | Block a photo in an idea book | 1. Go to idea book detail page  2. Choose photo  3. Press “Chặn” button | Occurs checked wrong icon on the photo |  | PASS | 06/08/2017 |
| 1004 | Block a accepted photo in an idea book | 1. Go to idea book detail page  2. Choose accepted photo  3. Press “Chặn” button | Occurs checked wrong icon on the photo |  | PASS | 06/08/2017 |

Table 14: <Admin> Accept/ Block a photo in an idea book

#### <Admin> Approve an idea book

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 1101 | Approve an idea book whose photos have been approved | 1. Go to idea book detail page  2. Approve all photo in this  3. Press “Hoàn thành” button | Show idea book list manage page. |  | PASS | 06/08/2017 |
| 1102 | Approve an idea book that has unapproved photo | 1. Go to idea book detail page  2. Press “Hoàn thành” button | Show message |  | PASS | 06/08/2017 |

Table 15: <Admin> Approve an idea book

#### <Admin> Approve/ Block a product

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 1201 | Approve a product | 1. Go to product detail page  2. Press “Chấp nhận” button | The product is approved and show “Chặn” button |  | PASS | 06/08/2017 |
| 1202 | Approve a blocked product | 1. Go to blocked product detail page  2. Press “Chấp nhận” button | The product is approved and show “Chặn” button |  | PASS | 06/08/2017 |
| 1203 | Block a product | 1. Go to blocked product detail page  2. Press “Chặn” button | The product is blocked and show “Chấp nhận” button |  | PASS | 06/08/2017 |
| 1204 | Block an approved product | 1. Go to approved product detail page  2. Press “Chặn” button | The product is blocked and show “Chấp nhận” button |  | PASS | 06/08/2017 |

Table 16: <Admin> Approve a product

#### <System> Send notification to seller

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 1301 | Customer check out order successfully | 1. Add products to shopping cart  2. Press “” button | Seller receives email that notify the order |  | PASS | 06/08/2017 |

Table 17: <System> Send notification to seller

#### <System> Send promotion to customer

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Test case procedure | Expected output | Inter-test case dependence | Result | Test Date |
| 1401 | Seller create new promotion | 1. Create a new promotion  2. Add product to promotion | Customer receives email that advertises promotions |  | PASS | 06/08/2017 |
| 1402 | Seller add product to existed promotion | 1. Go to promotion detail page  2. Add product to promotion | Customer receives email that advertises promotions |  | PASS | 06/07/2017 |

Table 18: <System> Send promotion to customer