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# System Requirement Specification

## Functional Requirements

Functional requirements define a specific behavior or function of a system. This section **Function Requirements** contains the specification of functional requirement of the system. All this functional requirements can be traced by using tractability matrix. Below tables are the lists of functional requirements.

### Manage Brand [MB]

|  |  |
| --- | --- |
| **Requirement ID** | **Requirement Description** |
| MB - 1 | The system must allow the admin to ***“add”*** the brand description. |
| MB - 2 | The system must allow the admin to ***“update”*** the selected brand description. |
| MB - 3 | The system must allow the admin to ***“remove”*** the selected brand. |
| MB - 4 | The system should display all the brand information in table layout. |

Table Functional Requirement of Manage Brand

### Manage Category [MC]

|  |  |
| --- | --- |
| **Requirement ID** | **Requirement Description** |
| MC - 1 | The system must allow the admin to ***“add”*** the category description. |
| MC - 2 | The system must allow the admin to ***“update”*** the selected category description. |
| MC - 3 | The system must allow the admin to ***“remove”*** the selected category. |
| MC - 4 | The system should display all the category information in table layout. |

Table Functional Requirement of Manage Category

### Manage Product [MP]

|  |  |
| --- | --- |
| **Requirement ID** | **Requirement Description** |
| MP - 1 | The system must allow the admin to ***“add”*** the product description with image, quantity, rate, brand, and category. |
| MP - 2 | The system must allow the admin to ***“update”*** the selected product description. |
| MP - 3 | The system must allow the admin to ***“remove”*** the selected product. |
| MP - 4 | The system should display all the product information in table layout. |

Table Functional Requirement of Manage Product

### Manage Orders [MO]

|  |  |
| --- | --- |
| 1. **Requirement ID** | **Requirement Description** |
| MO - 1 | The system must allow the admin to ***“add”*** orders. |
| MO – 2 | The system should display all the orders information in table layout. |
| MO – 3 | The system must allow the admin to ***“edit”*** the selected orders information. |
| MO - 4 | The system must allow the admin to ***“remove”*** the selected orders information. |
| MO – 5 | The system must allow the admin to ***“update”*** payment information of selected orders. |
| MO – 6 | The system must allow the admin to ***“print”*** the orders bill. |

Table Functional Requirement of Manage Orders

### Generate Orders Report [GOR]

|  |  |
| --- | --- |
| **Requirement ID** | **Requirement Description** |
| GOR - 1 | The system must allow the admin to select start date and end date for the report and generate the orders report according to the date. |

Table Function Requirement of Generate Orders Report

### Manage Setting [MS]

|  |  |
| --- | --- |
| **Requirement ID** | **Requirement Description** |
| MS – 1 | The system must allow the admin to ***“update”*** username information. |
| MS – 2 | The system must allow the admin to ***“change”*** the password information. |

Table Functional Requirements of Manage Setting

## Non-Functional Requirements

A non-functional requirements is a requirements that specifies criteria of the developed system. This can be used to judge the operation of the system, rather than specific behaviors. This is contrasted with functional requirements that defines the specific behaviors or function of the system. Here are the list of identified non-functional requirements of the system.

### Performance Requirements

System must be available from all over the world at any time. Being an online stock management system, any malfunctions in the system can cause the organization to give up the stock management system. This causes should not affect the users in this system.

|  |  |
| --- | --- |
| **Requirement ID** | **Requirement Description** |
| PR – 1 | The system must respond the business operation in less than 3 seconds for user (admin). |
| PR – 2 | The system should be compatible with all modern browsers. |
| PR – 3 | The system should response the operation messages to the users within 2 seconds. |
| PR – 4 | The system should be reliable. The system should be able to generate the report for selected area with appropriate data. |

Table Performance Requirement of the system

### Safety and Security Requirements

System cannot affect, harm, damage to user or user’s property. It also cannot damage user’s computer while accessing the system over a network.

|  |  |
| --- | --- |
| **Requirement ID** | **Requirement Description** |
| SSR – 1 | The system must handle safe login and logout through session. |
| SSR – 2 | MD5 encryption technology should be used to handle the secure login for users. |
| SSR – 3 | The database should be secured from SQL injection to prevent leak or loss of confidential information. |
| SSR – 4 | The system could use SSL (Secure Socket Layer) certificates to secure the data being transmitted. |

Table Safety and Security Requirements

### Reliability

System shall be designed in a modular manner to ease in software maintenance. By designing modularly, we are able to reduce coupling allowing each module to perform a specific function.

|  |  |
| --- | --- |
| **Requirement ID** | **Requirement Description** |
| R – 1 | This program shall be reliable and provide catching of exceptions so that unintended results do not occur such as system crashes, or data validation failures. |

Table Reliability Requirements of the system

### Other Software Quality Attributes

#### Usability

* The system should have user-friendly interface.

#### Availability

* The system must be available 24/7, with no more than 20 minutes down time per day.

# System Design

## UML Diagram

UML stands for Unified Modelling Language which is used in object oriented software engineering. Although typically used in software engineering it is a rich language that can be used to model an application structures, behavior and even business processes. There are 14 UML diagram types to help you model those behavior of the system. (Nishadha, 2012)

For this project only 5 diagram of UML diagram will be used. They are Use Case, Collaboration, Sequence, Activity, and Entity Relationship Diagram.

**Symbols used in UML Diagram**

|  |  |  |
| --- | --- | --- |
| **Symbol** | **Name** | **Purpose** |
|  | Use Case | A use case defines a sequence of actions which is measurable value to an actor. |
|  | Actor | An actor is a person, organization or external system which interacts with system actions. |
|  | Object Life Line | An object lifeline represents an individual participant in the interaction. |
|  | Activation | Activation represents a period in the participant’s lifetime which is executing a unit of behavior or action within the lifetime. |
|  | Actor Life Line | Actor lifeline represents the roles played by users. |
|  | Decision | This decision symbols indicates if statement to evaluate the true/false value. |
|  | Initial Node | When the activity of the system is invoked, then the business flow of the system is started from the initial node. |
|  | Final Node | When the activity of the system flows stops then the final node is used to indicate the stop of business operation. |

Table Symbols used in UML Diagram

## High Level Use Case Diagram of Stock Management System

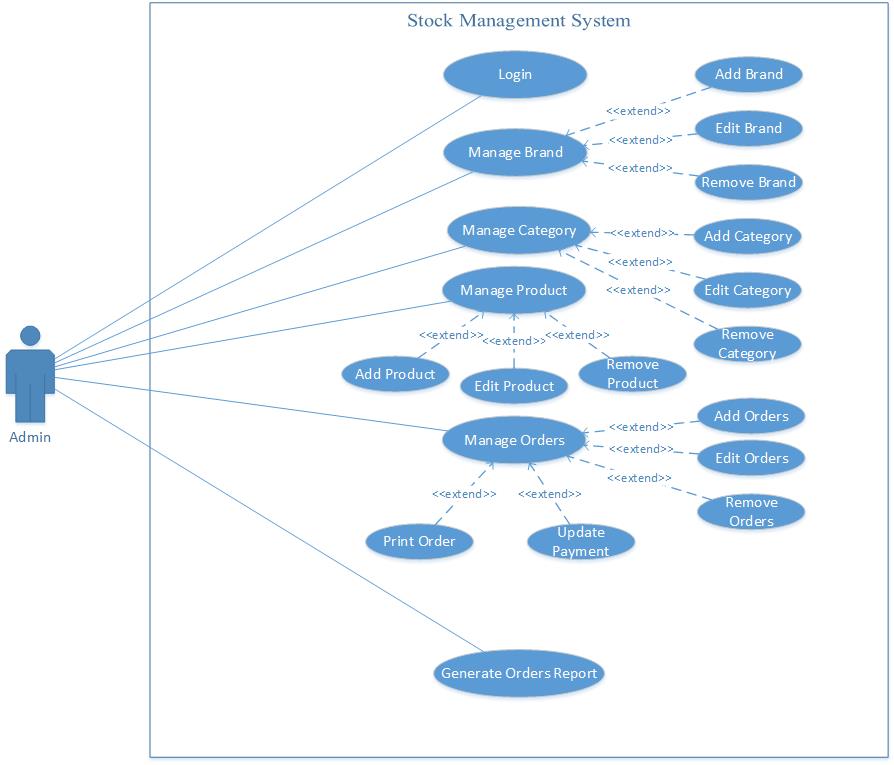


Figure High Level Use Case Diagram of Stock Management System

### Use Case Diagram

A use case is a methodology used in system analysis to identify, clarify, and organize system requirements. In this context, the term "system" refers to something being developed or operated, such as a mail-order product sales and service Web site. Use case diagrams are employed in UML (Unified Modeling Language), a standard notation for the modeling of real-world objects and systems (Rouse, WhatIs, 2015). It’s a great starting point for any project discussion, because you can easily identify the main actors involved and the main processes of the system.

### Collaboration Diagram

A collaboration diagram resembles a flowchart that portrays the roles, functionality and behavior of individual objects as well as the overall operation of the system in real time. Objects are shown as rectangles with naming labels inside. These labels are preceded by colons and may be underlined. The relationships between the objects are shown as lines connecting the rectangles. The messages between objects are shown as arrows connecting the relevant rectangles along with labels that define the message sequencing. Collaboration diagrams are best suited to the portrayal of simple interactions among relatively small numbers of objects. As the number of objects and messages grows, a collaboration diagram can become difficult to read. Several vendors offer software for creating and editing collaboration diagrams. (Rouse, TechTarget, 2007)

### Sequence Diagram

UML sequence diagrams model the flow of logic within your system in a visual manner, enabling you both to document and validate your logic, and are commonly used for both analysis and design purposes. Sequence diagrams are the most popular UML artifact for dynamic modeling, which focuses on identifying the behavior within your system. Other dynamic modeling techniques include activity diagramming, communication diagramming, timing diagramming, and interaction overview diagramming. Sequence diagrams, along with class diagrams and physical data models are in my opinion the most important design-level models for modern business application development (agilemodeling, 2016)

### Activity Diagram

Activity diagram is another important diagram in UML to describe dynamic aspects of the system. Activity diagram is basically a flow chart to represent the flow form one activity to another activity. The activity can be described as an operation of the system. So the control flow is drawn from one operation to another. This flow can be sequential, branched or concurrent. Activity diagrams deals with all type of flow control by using different elements like fork, join etc. (Points, 2016). Activity diagram is some time considered as the flow chart. Although the diagrams looks like a flow chart but it is not. It shows different flow like parallel, branched, concurrent and single. So the purposes can be described as:

* To draw the activity flow of a system.
* To describe the sequence from one activity to another.
* To describe the parallel, branched and concurrent flow of the system

## Login Dashboard

### Use Case Diagram of Login

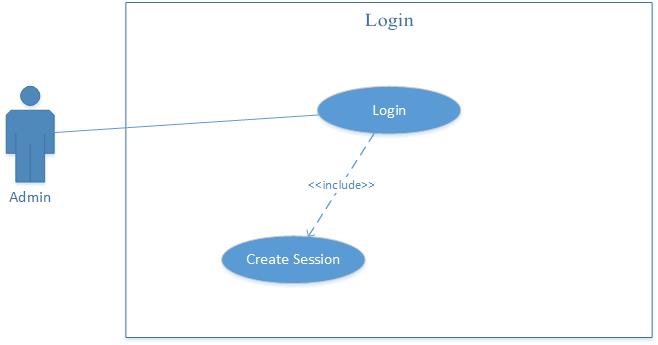


Figure Use Case Diagram of Login Dashboard

### Collaboration Diagram of Login

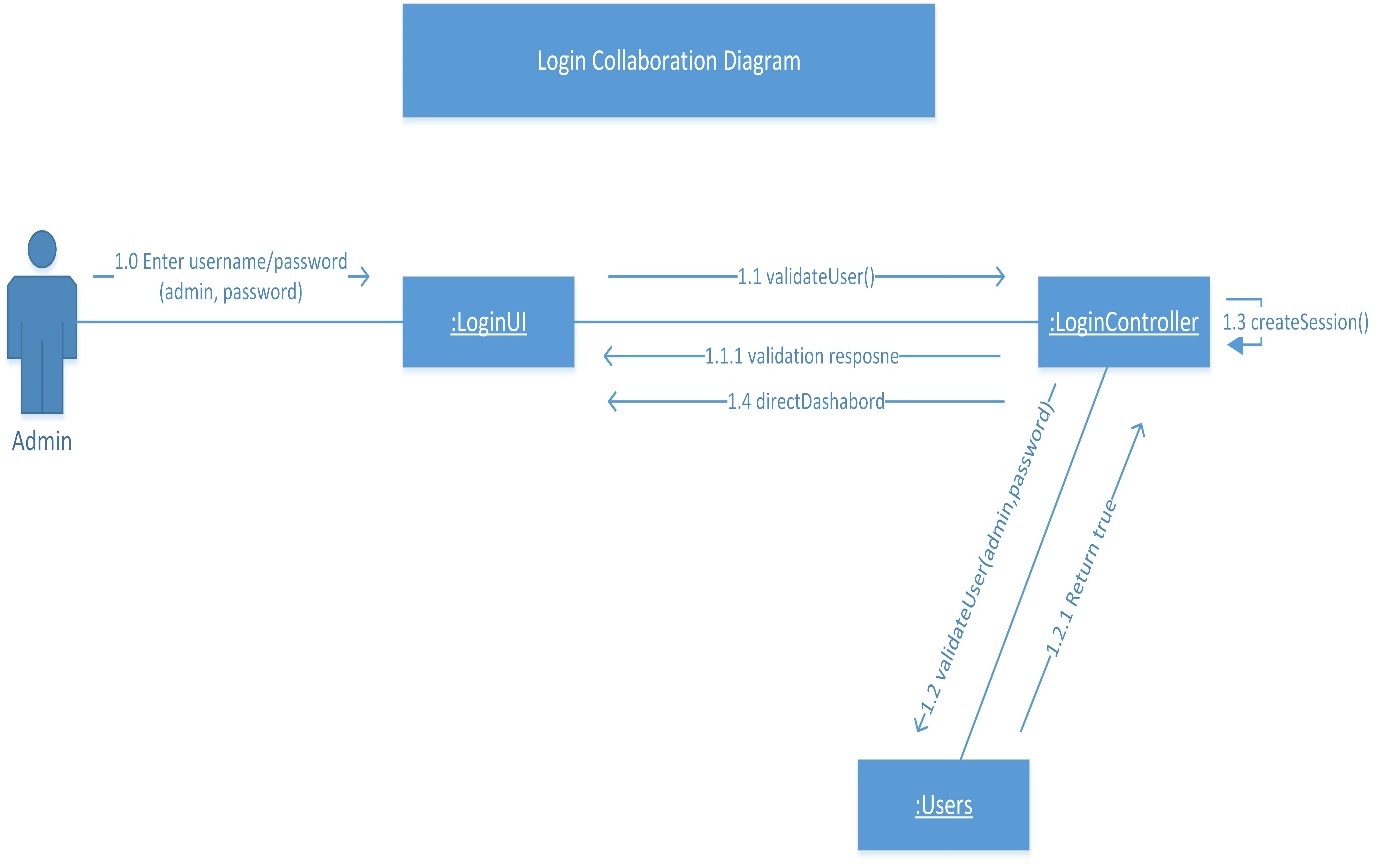


Figure Collaboration Diagram of Login

### Sequence Diagram of Login

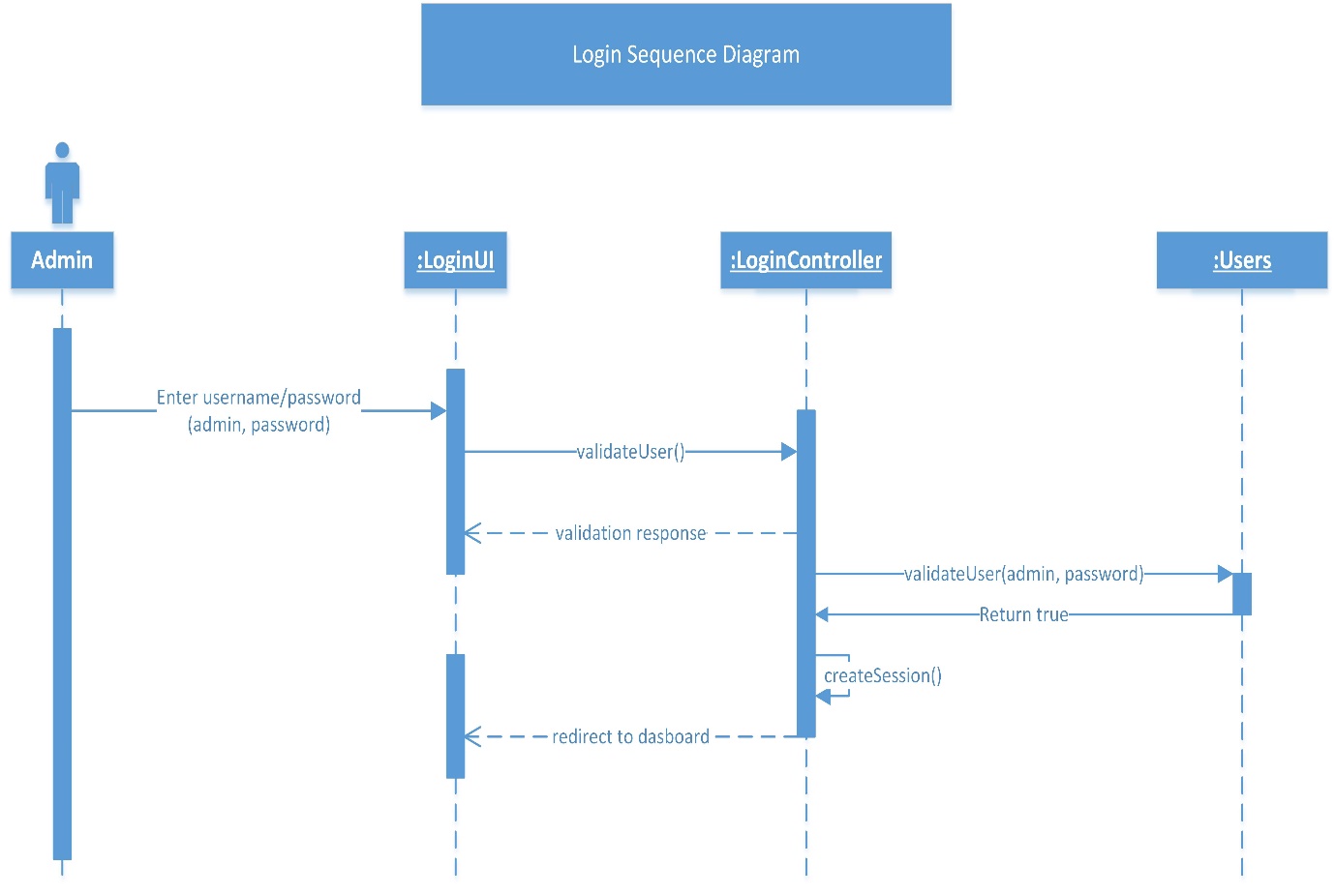


Figure Sequence Diagram of Login

### Activity Diagram of Login

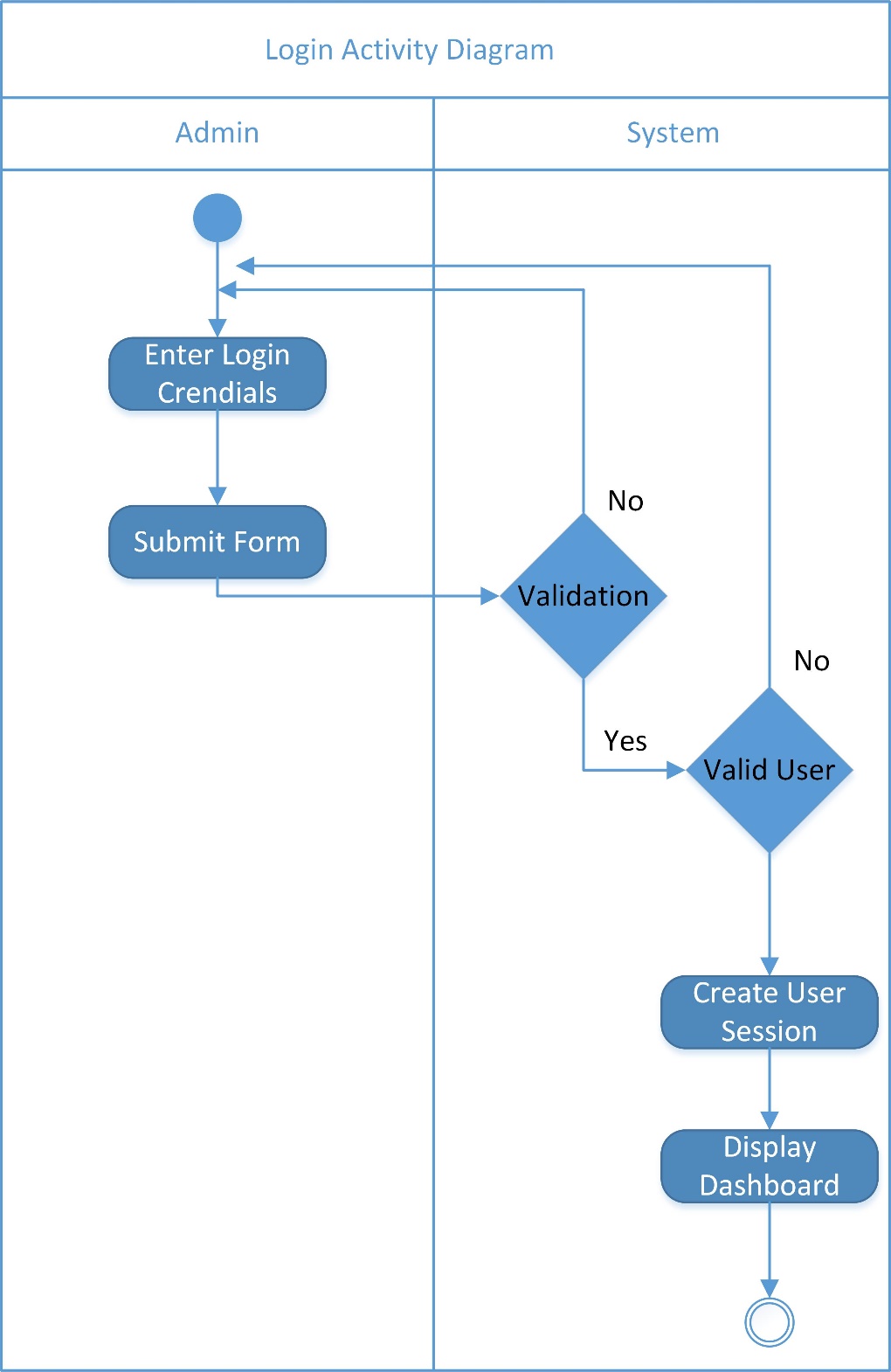


Figure Activity Diagram of Login

## Manage Brand [MB]

### Use Case Diagram of Manage Brand



Figure Use Case Diagram of Manage Brand

### Collaboration Diagram of Manage Brand

#### MB – 1 Add Brand Collaboration Diagram of Manage Brand

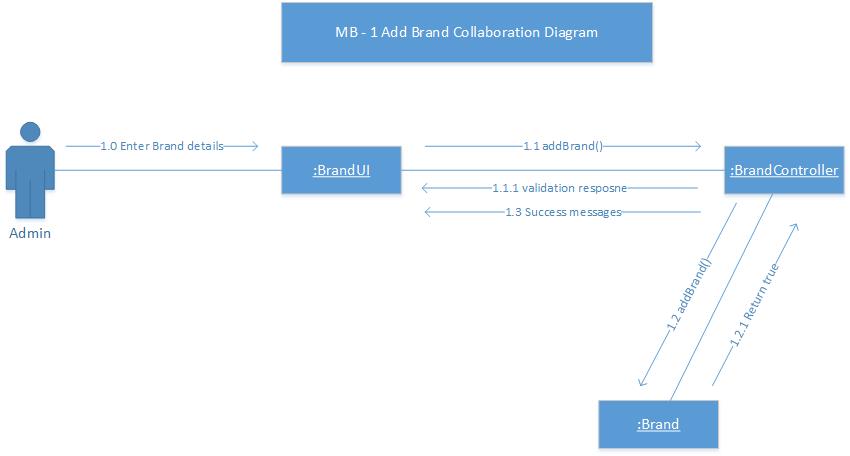


Figure Collaboration Diagram of Add Brand

#### MB – 2 Edit Brand Collaboration Diagram of Manage Brand

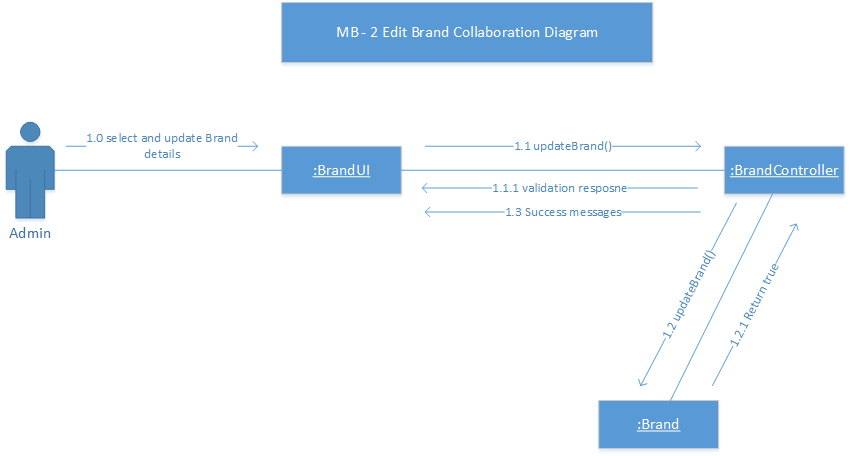


Figure Collaboration Diagram of Edit Brand

#### MB – 3 Remove Brand Collaboration Diagram of Manage Brand

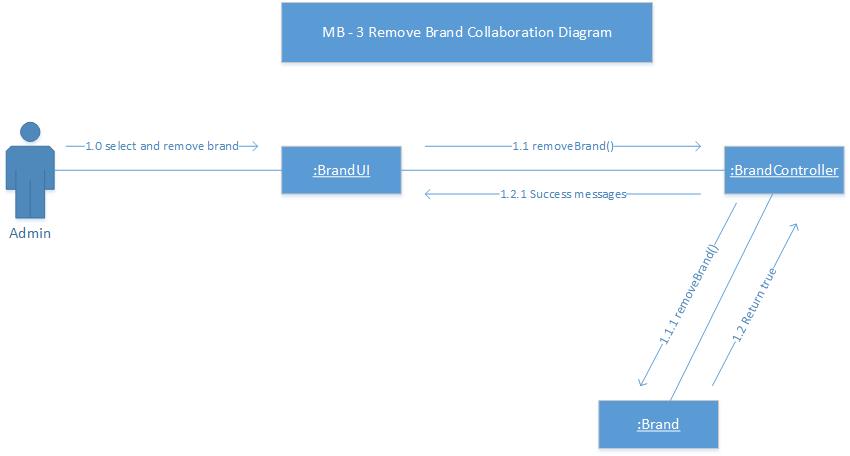


Figure Collaboration Diagram of Remove Brand

#### MB – 4 Display Brand Collaboration Diagram of Manage Brand

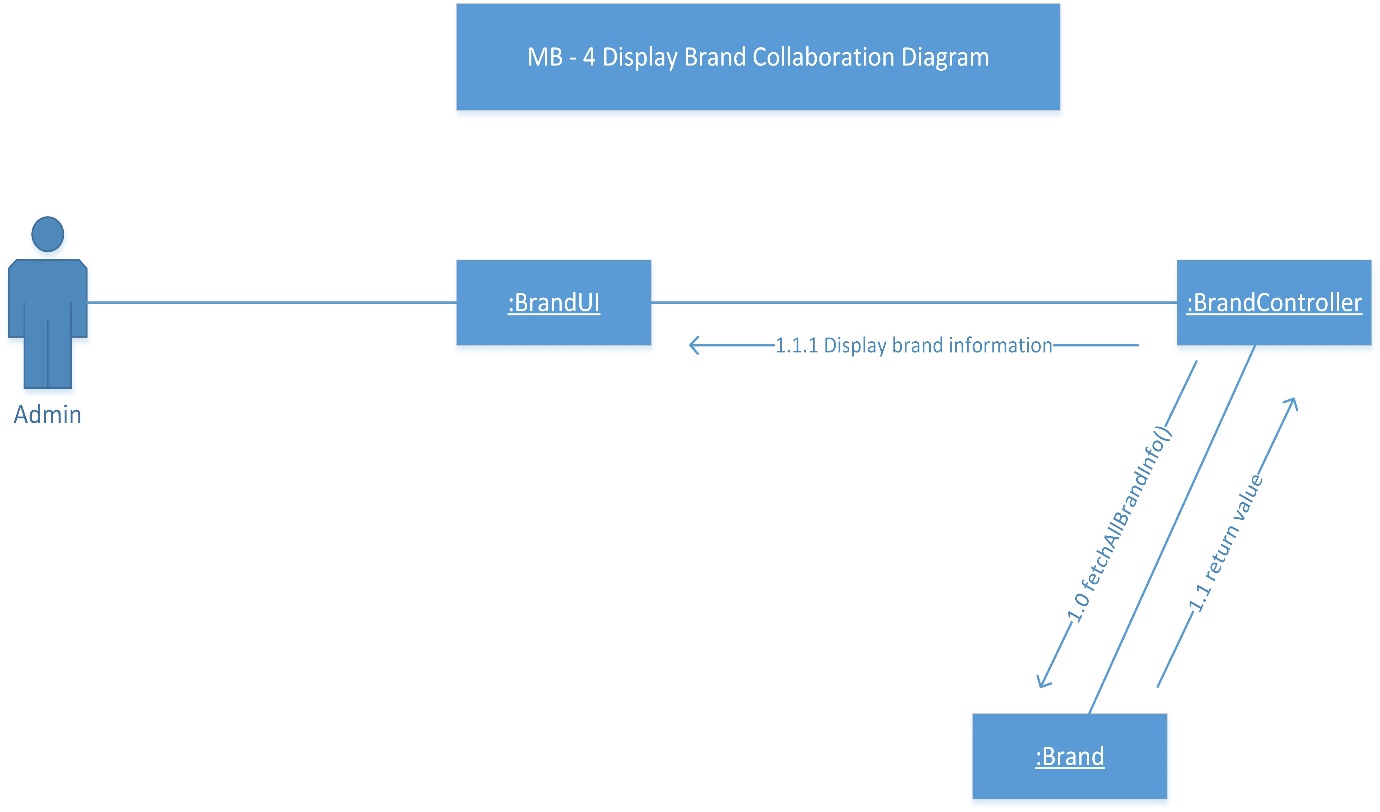


Figure Collaboration Diagram of Display Brand

### Sequence Diagram of Manage Brand

#### MB – 1 Add Brand Sequence Diagram of Manage Brand

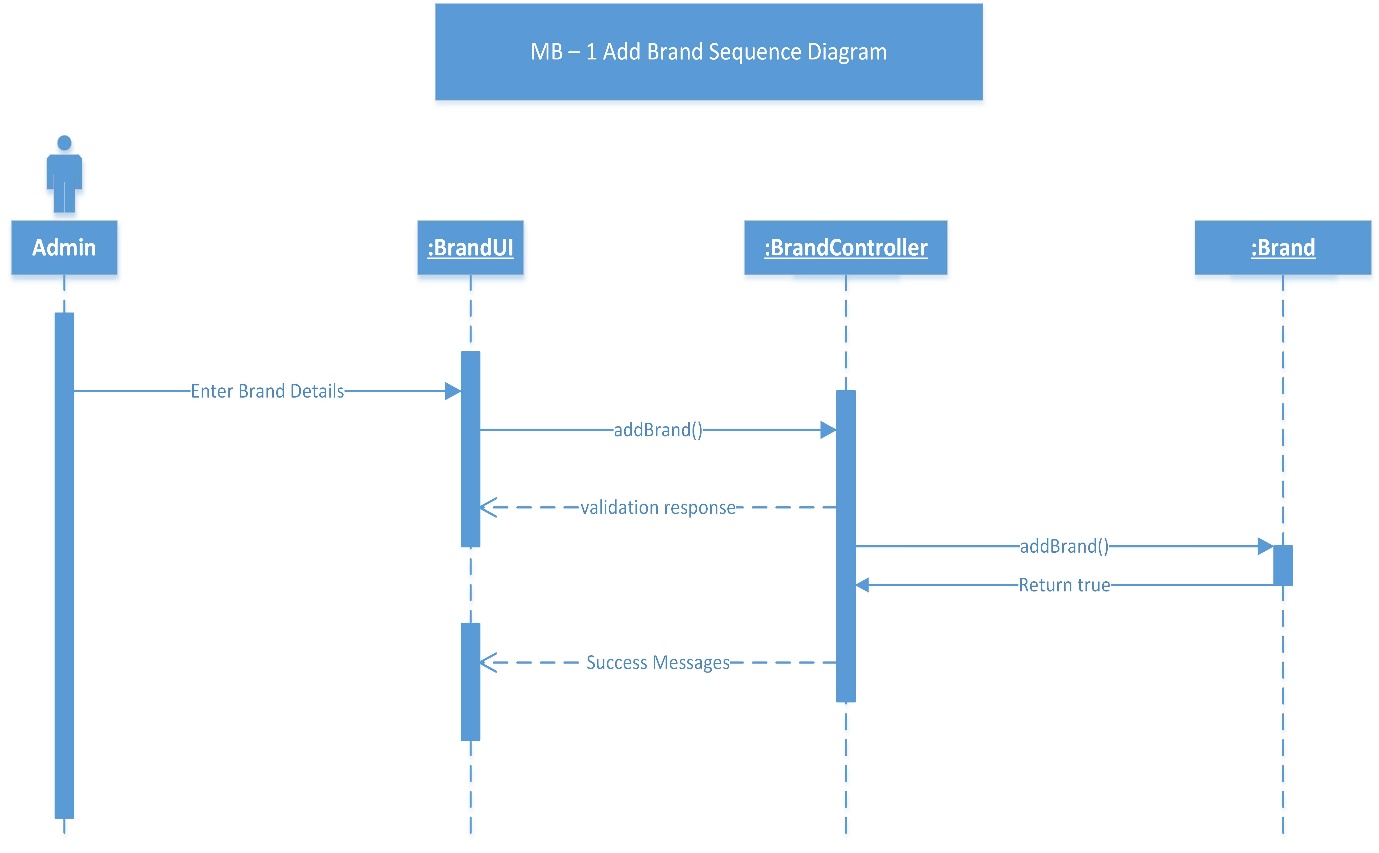


Figure Sequence Diagram of Add Brand

#### MB – 2 Edit Brand Sequence Diagram of Manage Brand

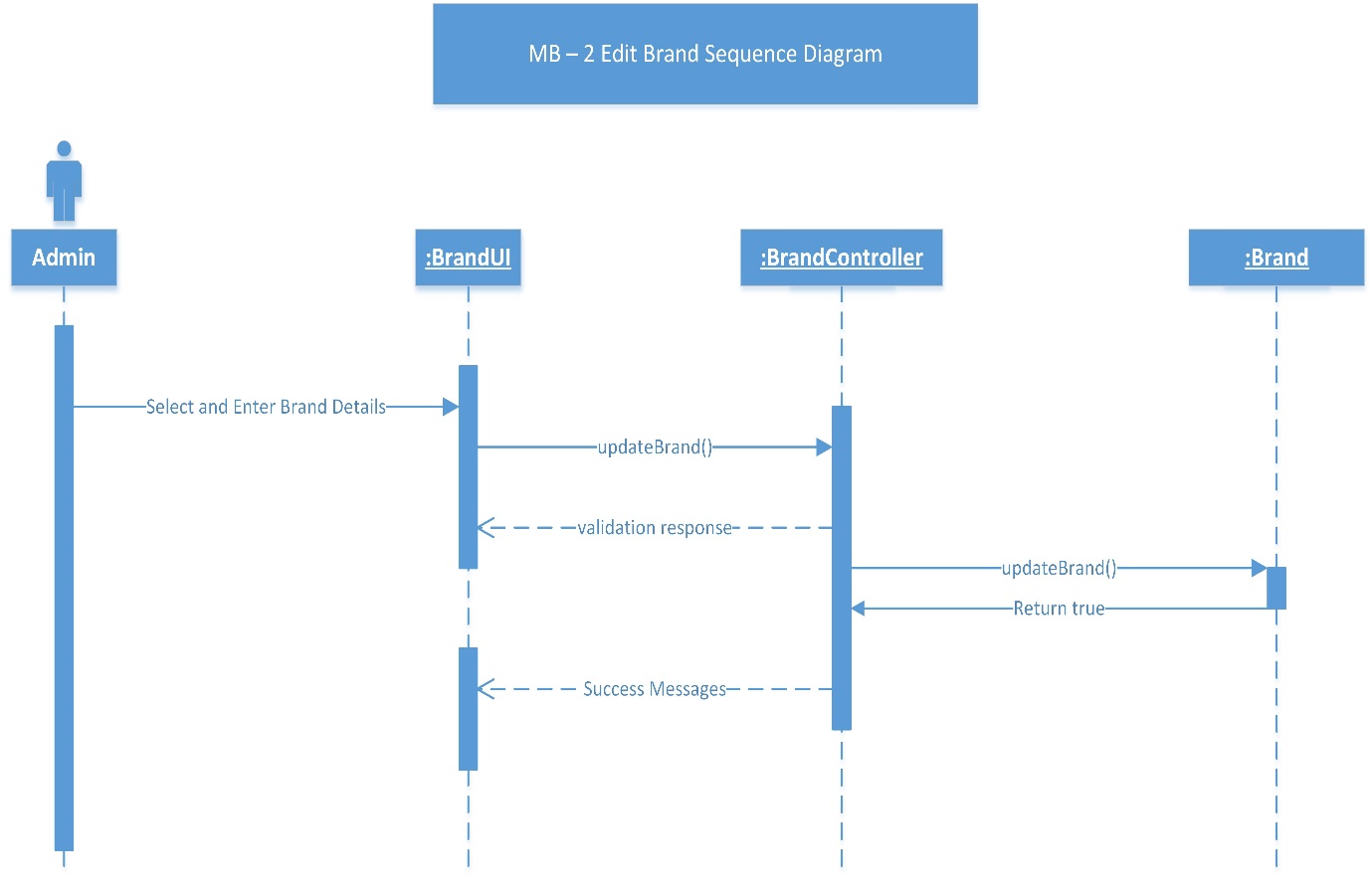


Figure Sequence Diagram of Edit Brand

#### MB – 3 Remove Brand Sequence Diagram of Manage Brand

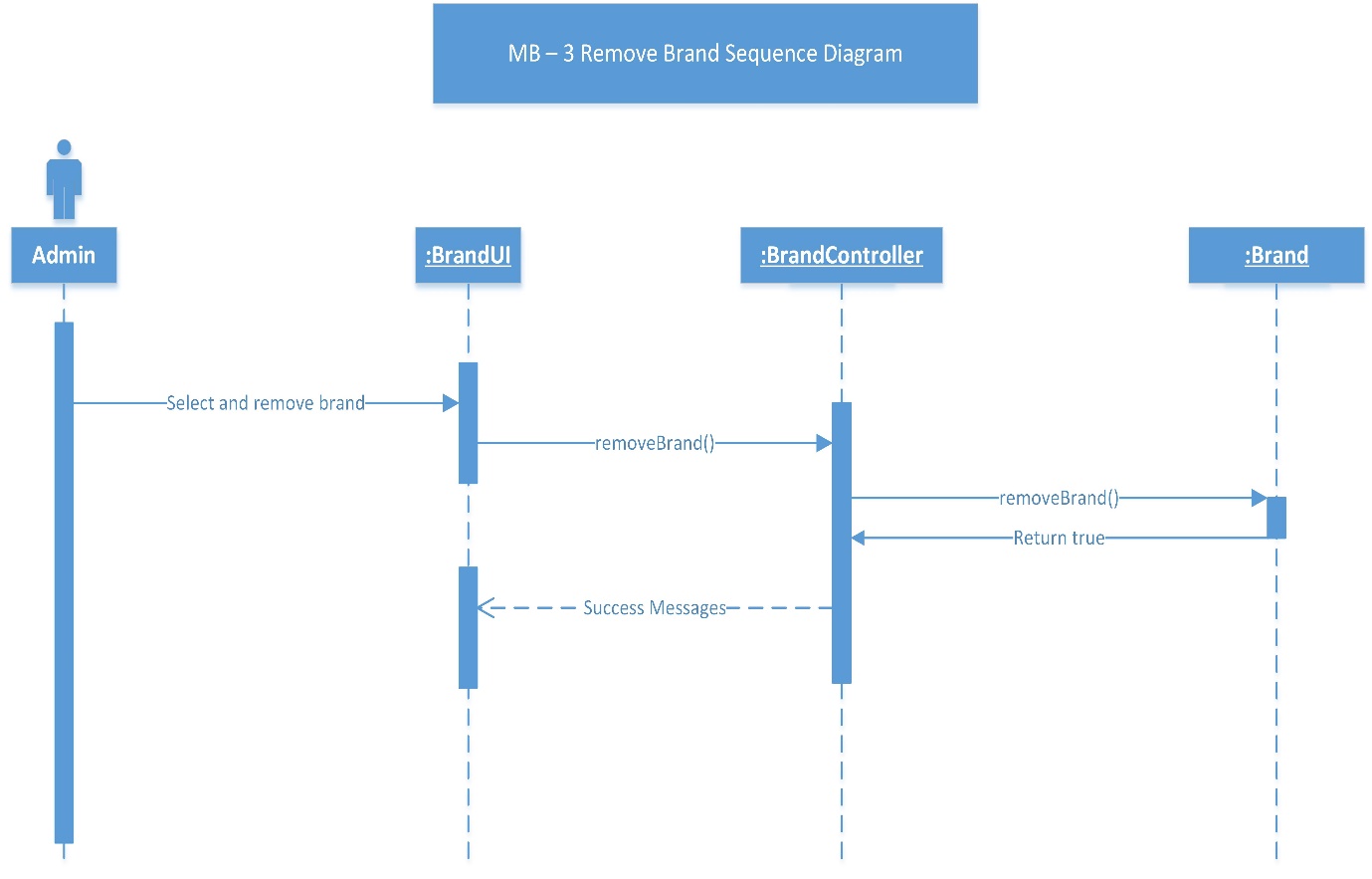


Figure Sequence Diagram of Remove Brand

#### MB – 4 Display Brand Sequence Diagram of Manage Brand

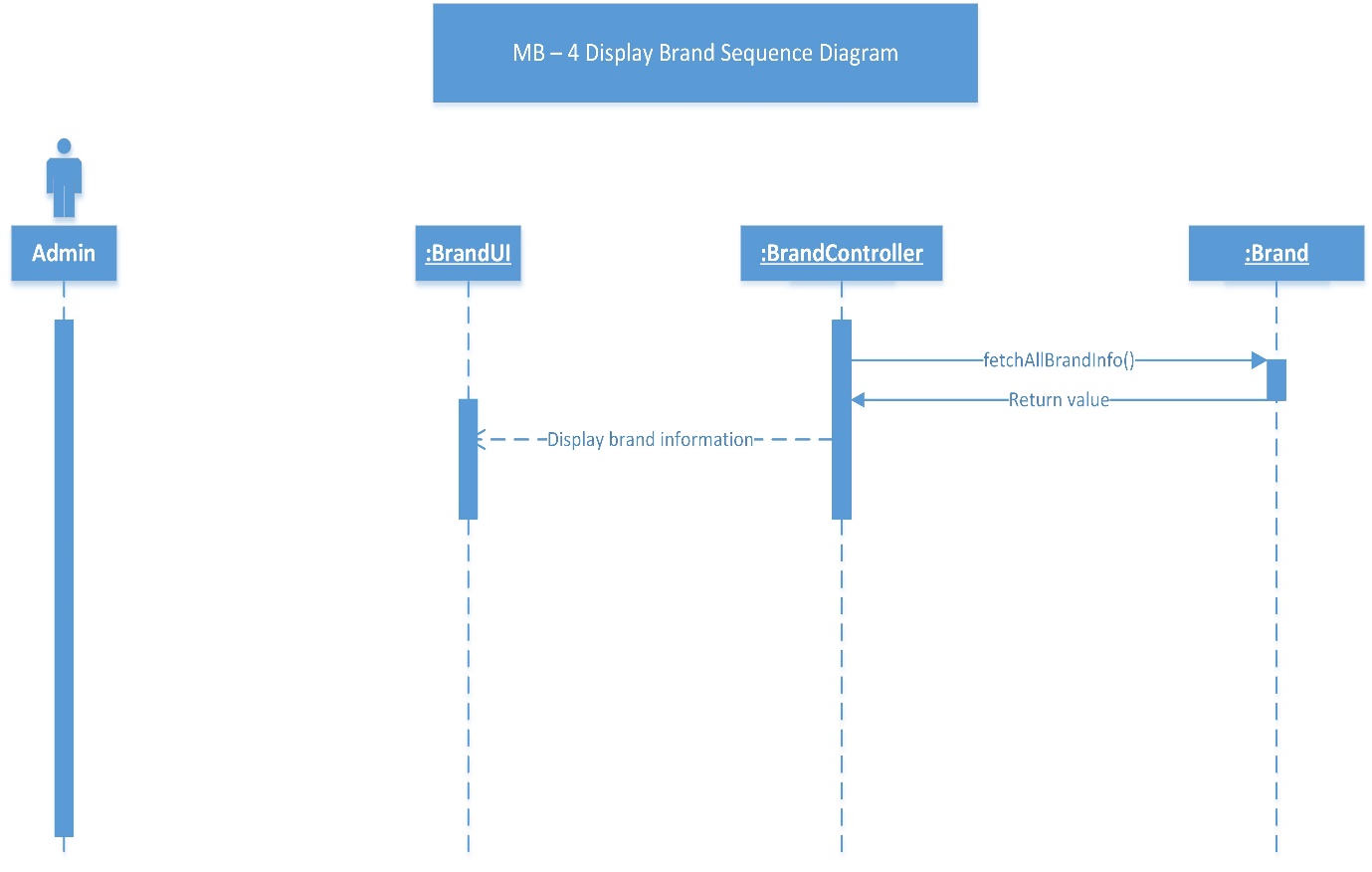


Figure Sequence Diagram of Display Brand

### Activity Diagram of Manage Brand

#### MB – 1 Add Brand Activity Diagram of Manage Brand

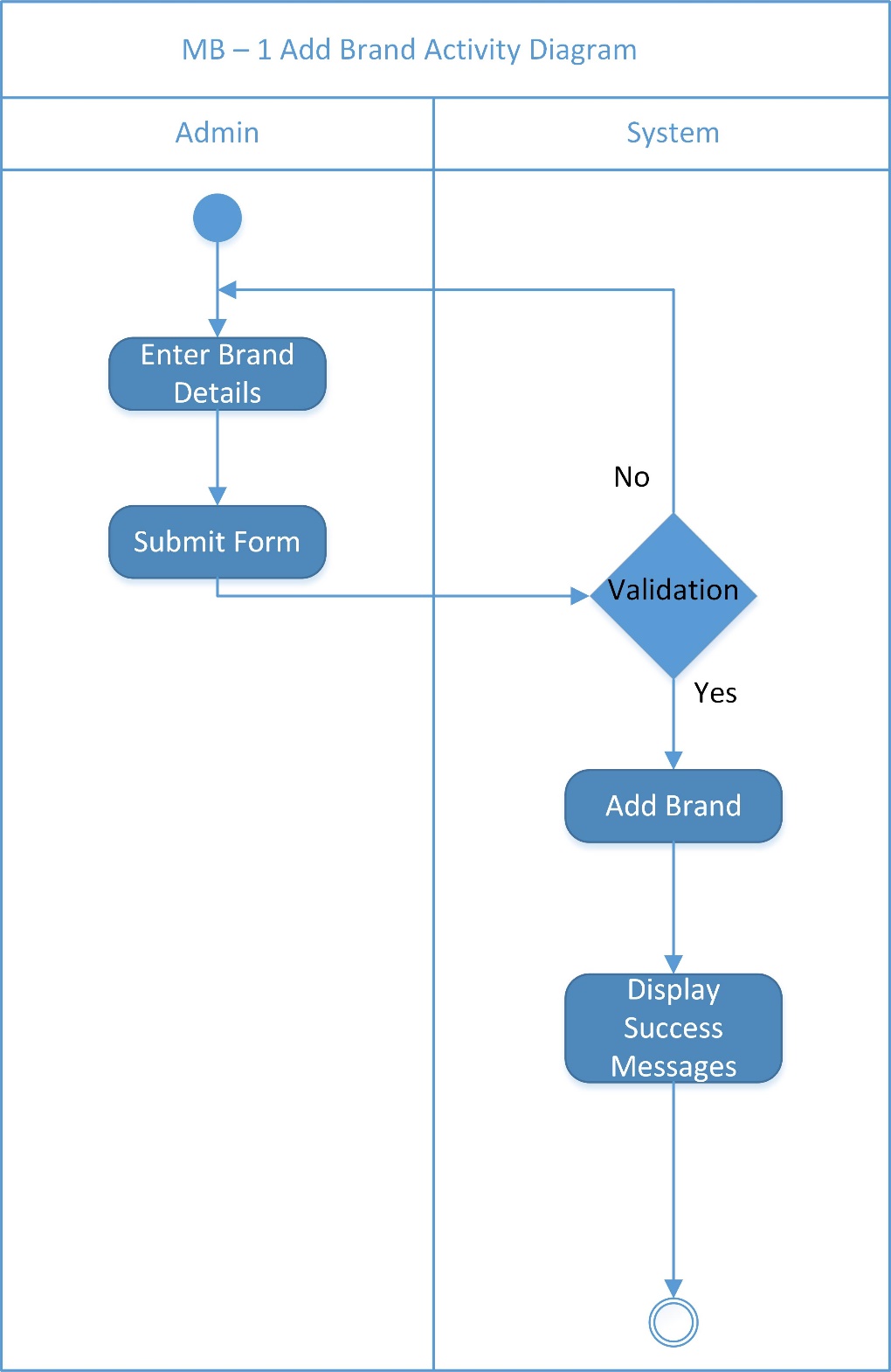


Figure Activity Diagram of Add Brand

#### MB – 2 Edit Brand Activity Diagram of Manage Brand

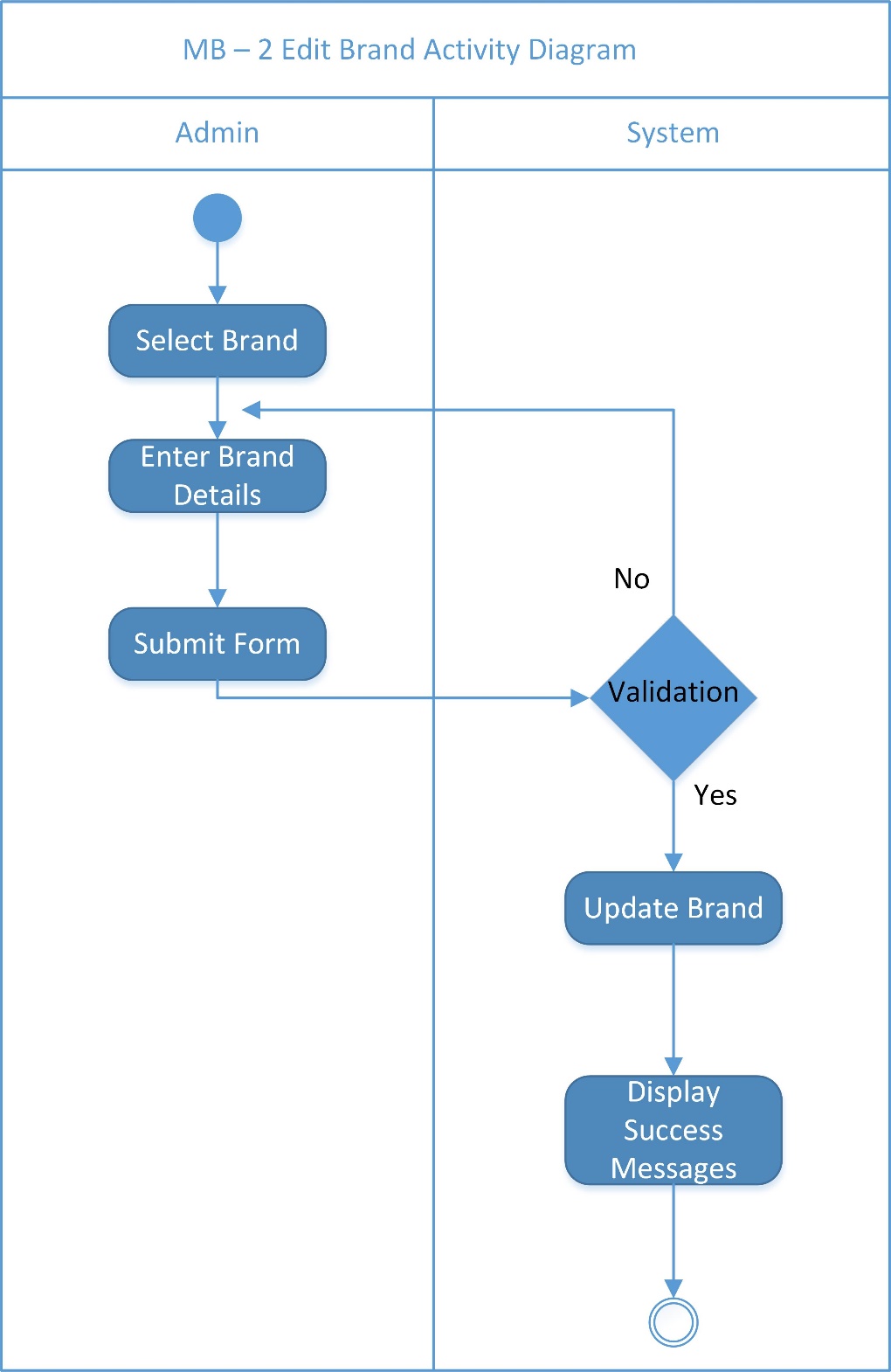


Figure Activity Diagram of Edit Brand

#### MB – 3 Remove Brand Activity Diagram of Manage Brand

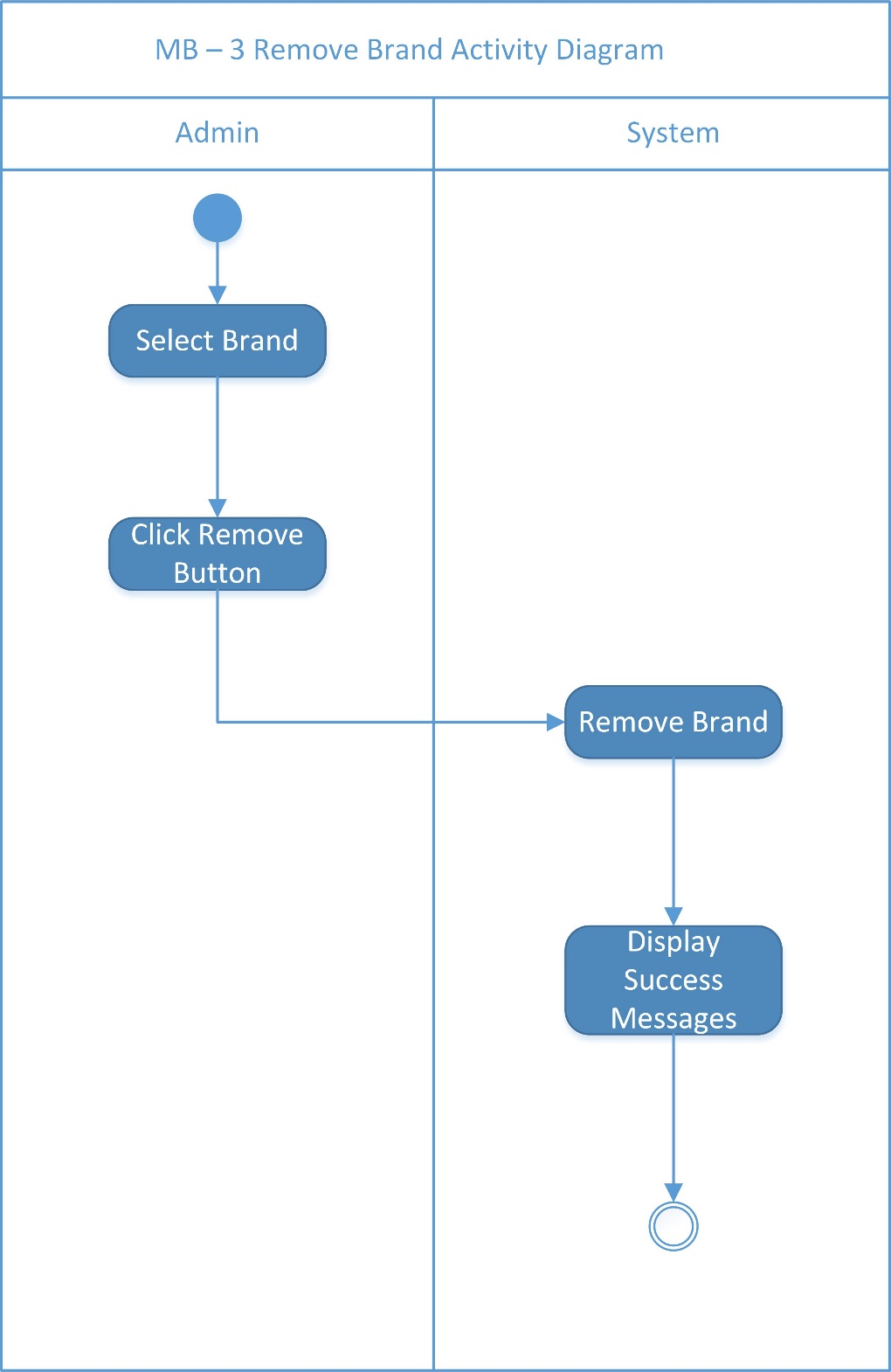


Figure Activity Diagram of Remove Brand

#### MB – 4 Display Brand Activity Diagram of Manage Brand

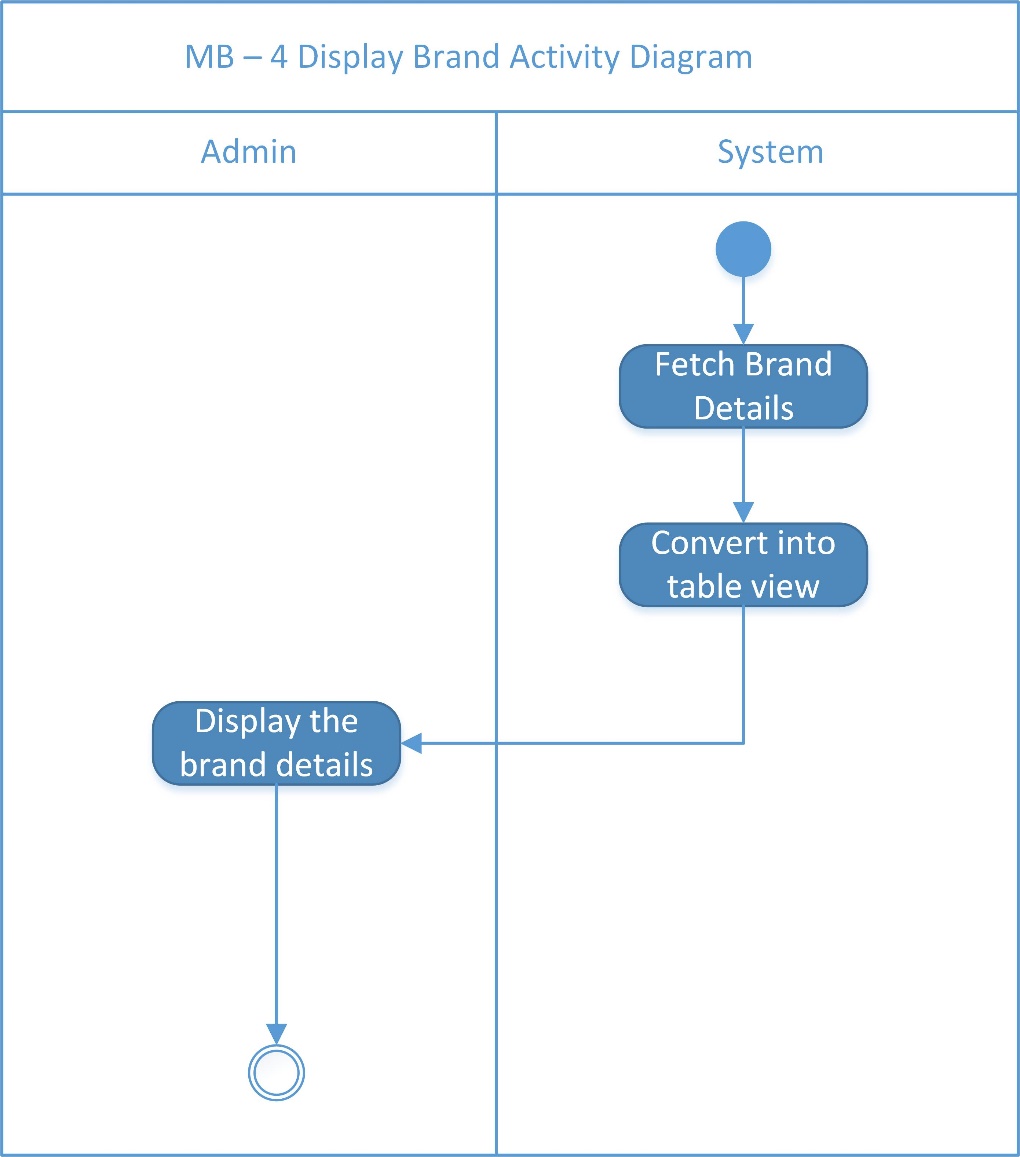


Figure Activity Diagram of Display Brand

## Manage Category [MC]

### Use Case Diagram of Manage Category



Figure Use Case Diagram of Manage Category

### Collaboration Diagram of Manage Category

#### MC – 1 Add Category Collaboration Diagram of Manage Category

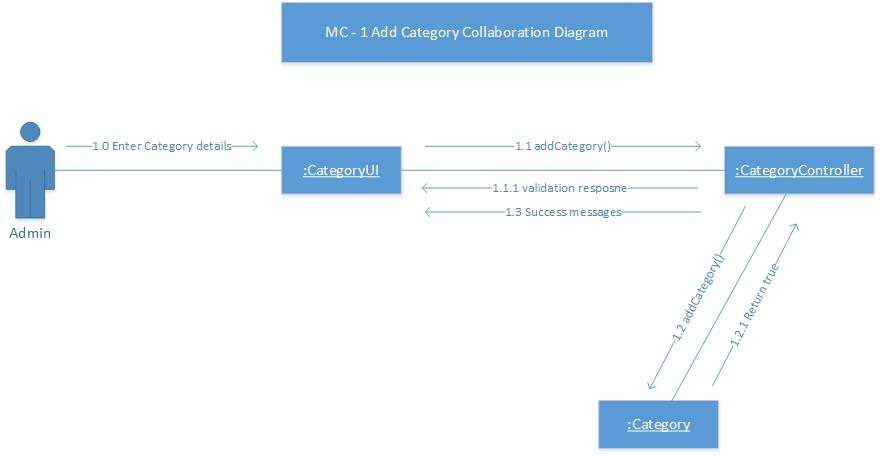


Figure Collaboration Diagram of Add Category

#### MC – 2 Edit Brand Collaboration Diagram of Manage Category

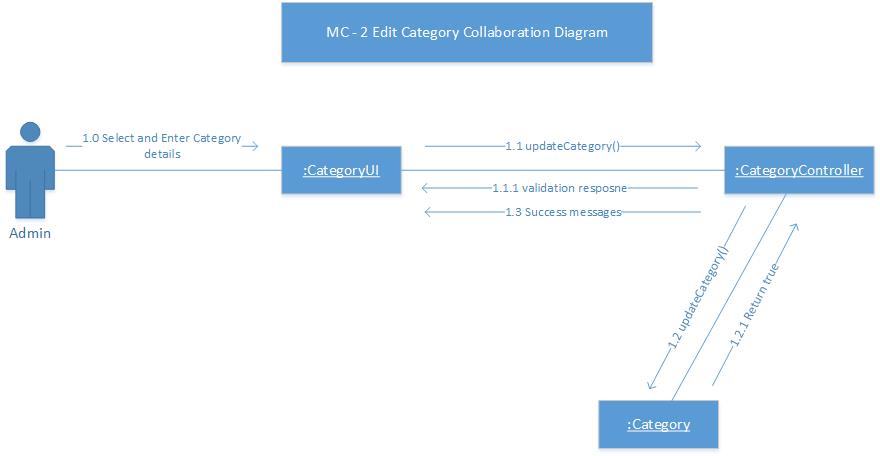


Figure Collaboration Diagram of Edit Category

#### MC – 3 Remove Brand Collaboration Diagram of Manage Category

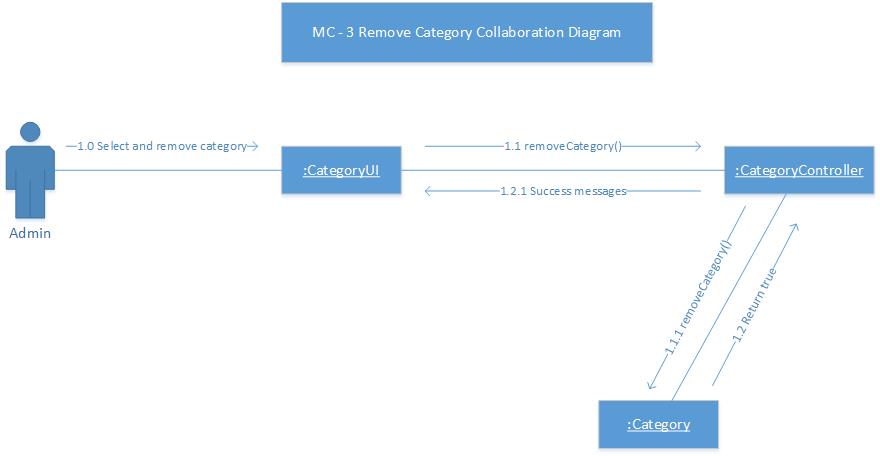


Figure Collaboration Diagram of Remove Brand

#### MC – 4 Display Brand Collaboration Diagram of Manage Category

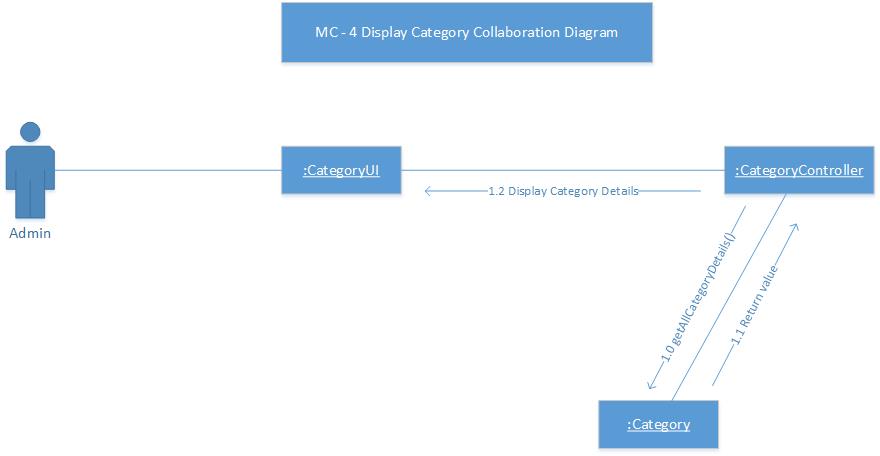


Figure Collaboration Diagram of Display Brand

### Sequence Diagram of Manage Category

#### MC – 1 Add Category Sequence Diagram of Manage Category

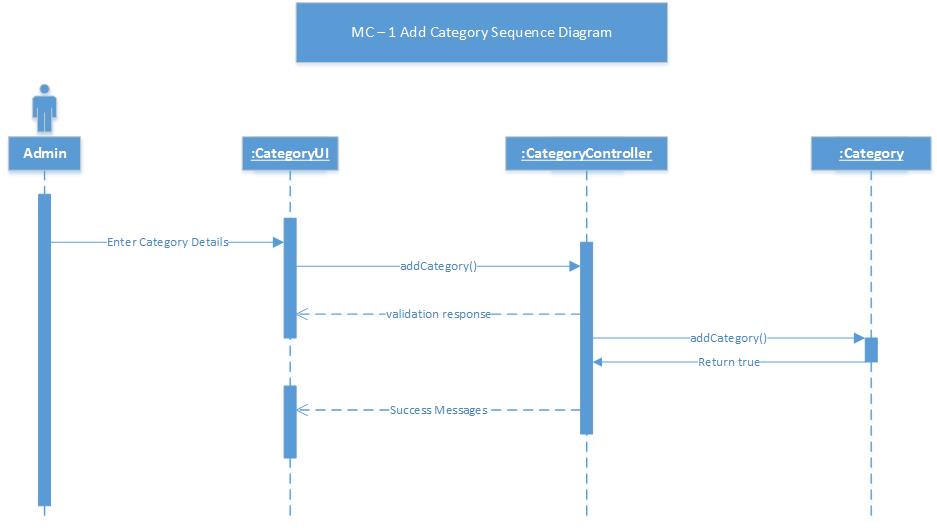


Figure Sequence Diagram of Add Category

#### MC – 2 Edit Category Sequence Diagram of Manage Category

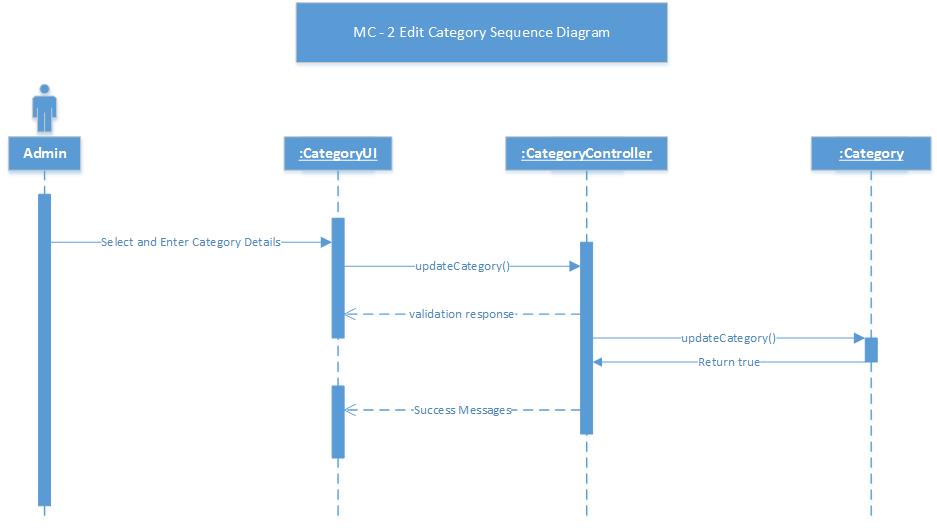


Figure Sequence Diagram of Edit Category

#### MC – 3 Remove Category Sequence Diagram of Manage Category

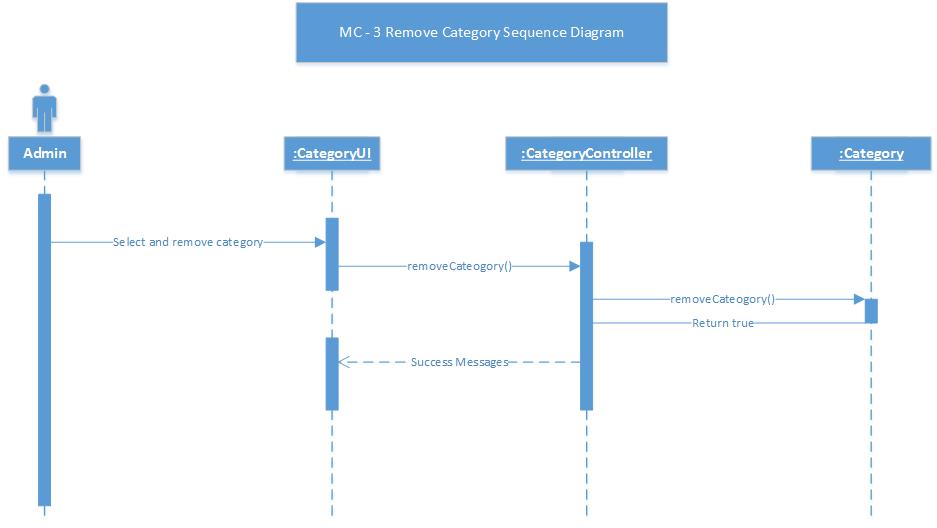


Figure Sequence Diagram of Remove Category

#### MC – 4 Display Category Sequence Diagram of Manage Category

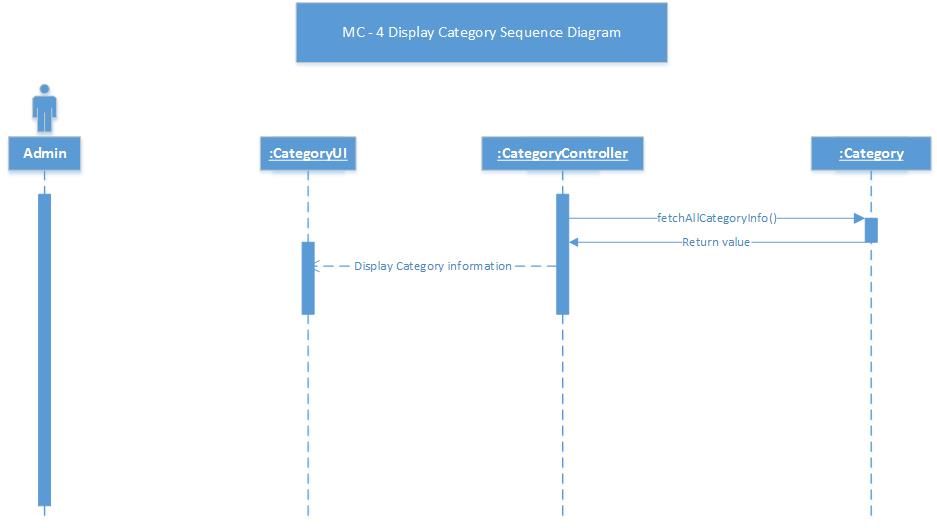


Figure Sequence Diagram of Display Category

### Activity Diagram of Manage Category

#### MC – 1 Add Category Activity Diagram of Manage Category

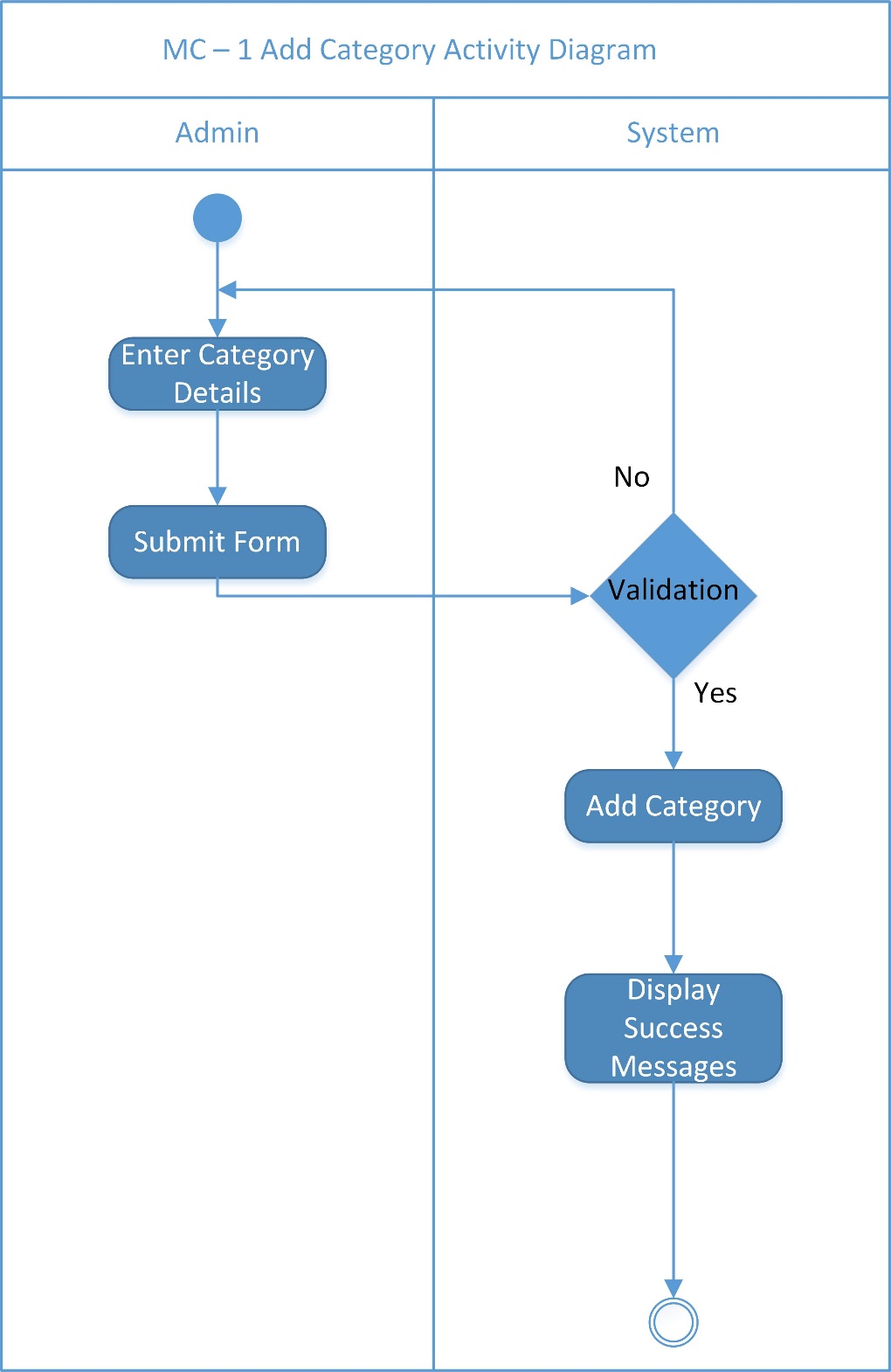


Figure Activity Diagram of Add Category

#### MC – 2 Edit Category Activity Diagram of Manage Category

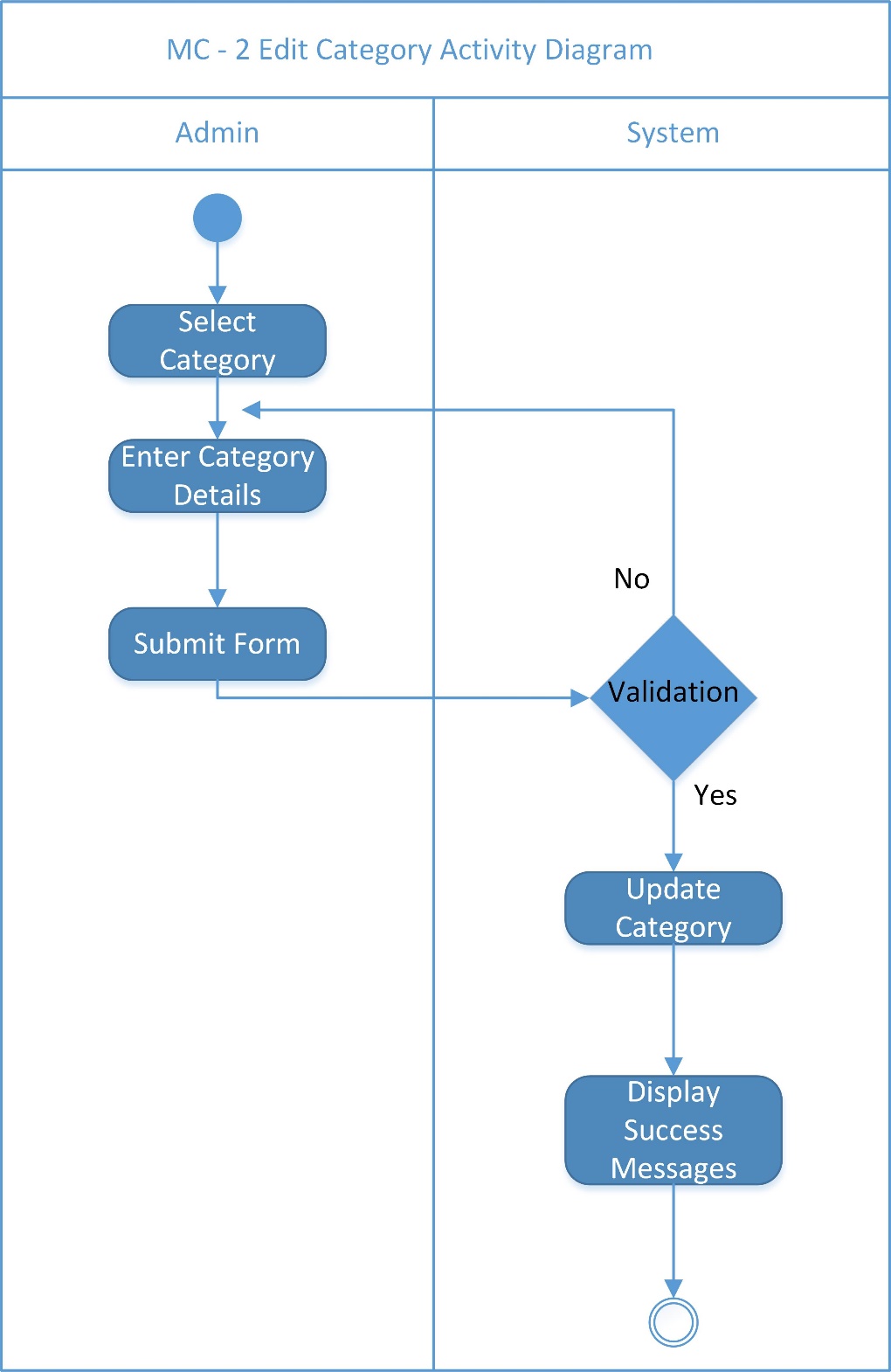


Figure Activity Diagram of Edit Categoryss

#### MC – 3 Remove Category Activity Diagram of Manage Category

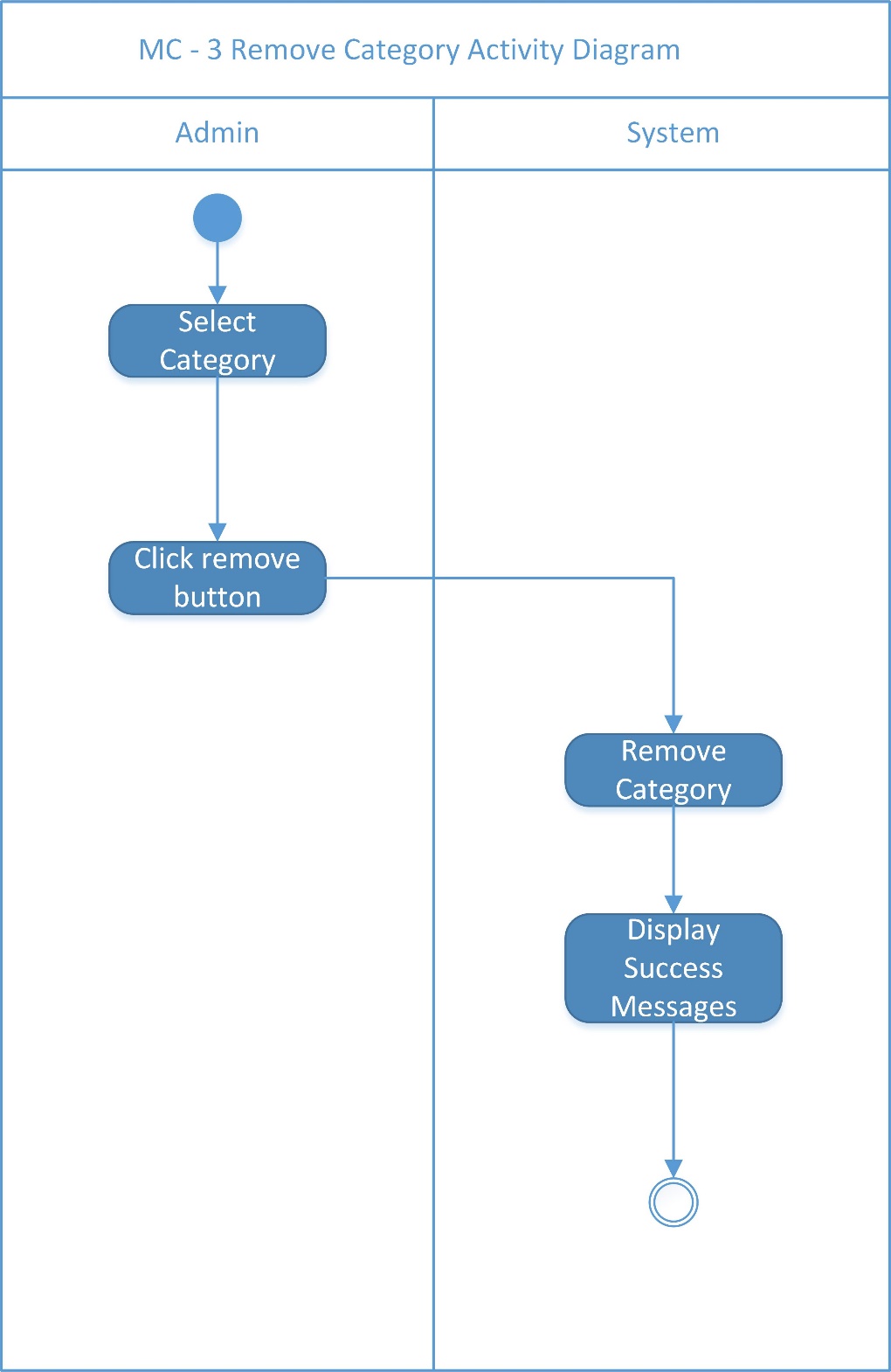


Figure Activity Diagram of Remove Category

#### MC – 4 Display Category Activity Diagram of Manage Category



Figure Activity Diagram of Display Category

## Manage Product [MP]

### Use Case Diagram of Manage Product

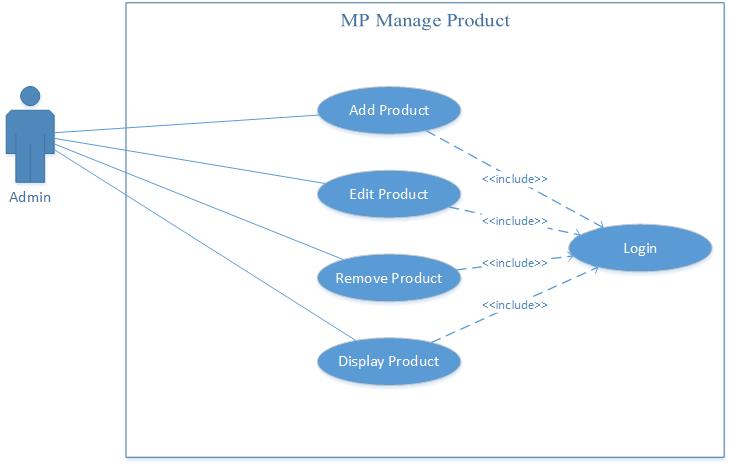


Figure Use Case Diagram of Manage Product

### Collaboration Diagram of Manage Product

#### MP – 1 Add Product Collaboration Diagram of Manage Product

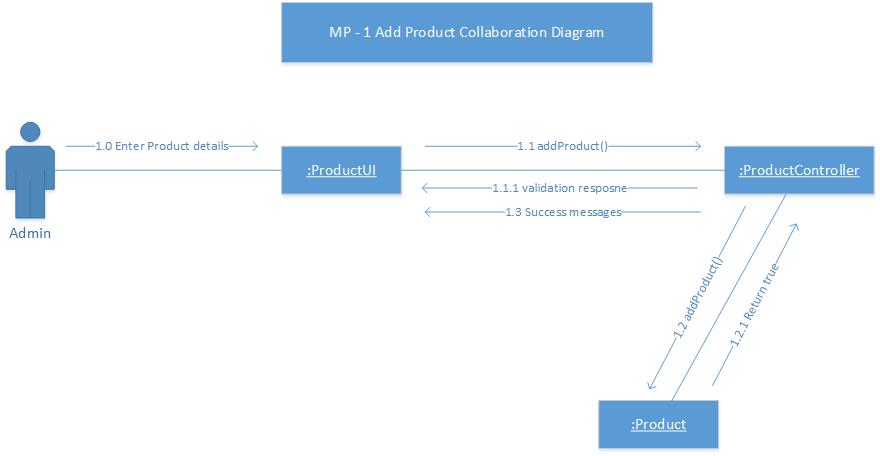


Figure Collaboration Diagram of Add Product

#### MP – 2 Edit Product Collaboration Diagram of Manage Product

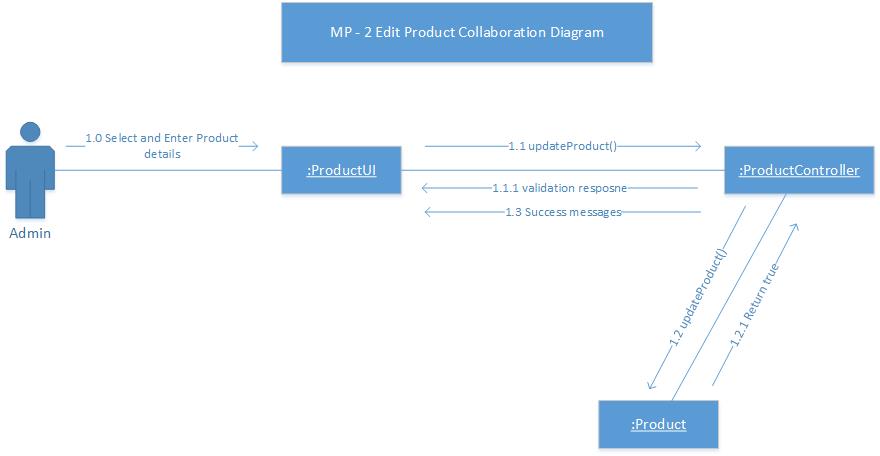


Figure Collaboration Diagram of Edit Product

#### MP – 3 Remove Product Collaboration Diagram of Manage Product

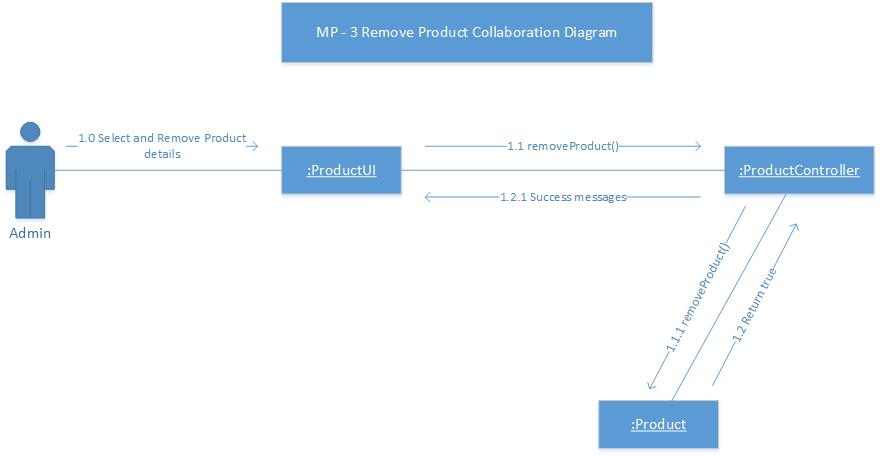


Figure Collaboration Diagram of Remove Product

#### MP – 4 Display Product Collaboration Diagram of Manage Product

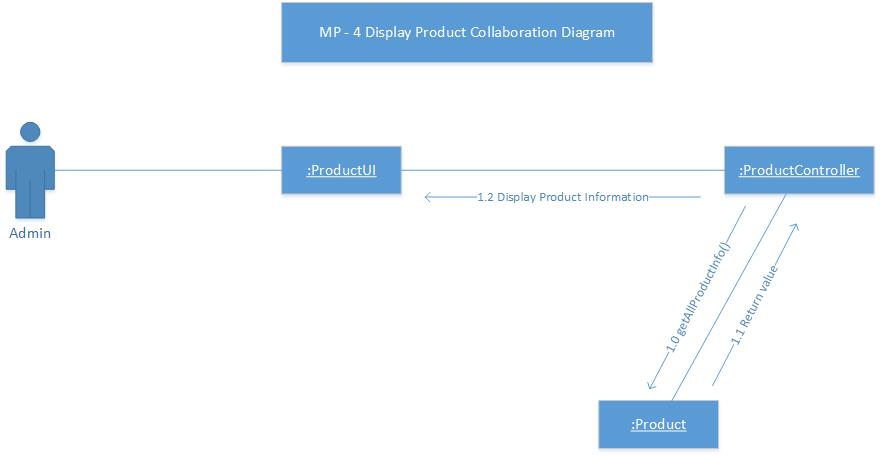


Figure Collaboration Diagram of Display Product

### Sequence Diagram of Manage Product

#### MP – 1 Add Product Sequence Diagram of Manage Product

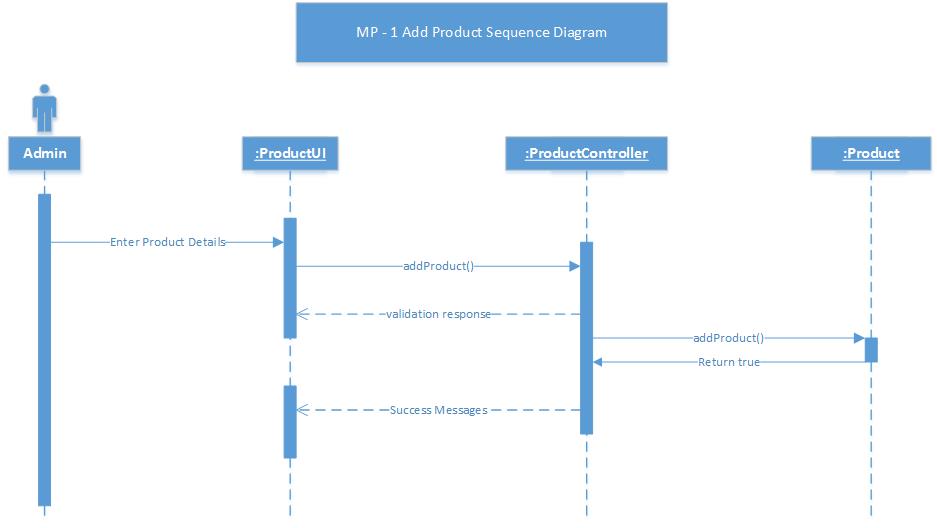


Figure Sequence Diagram of Add Product

#### MP – 2 Edit Product Sequence Diagram of Manage Product

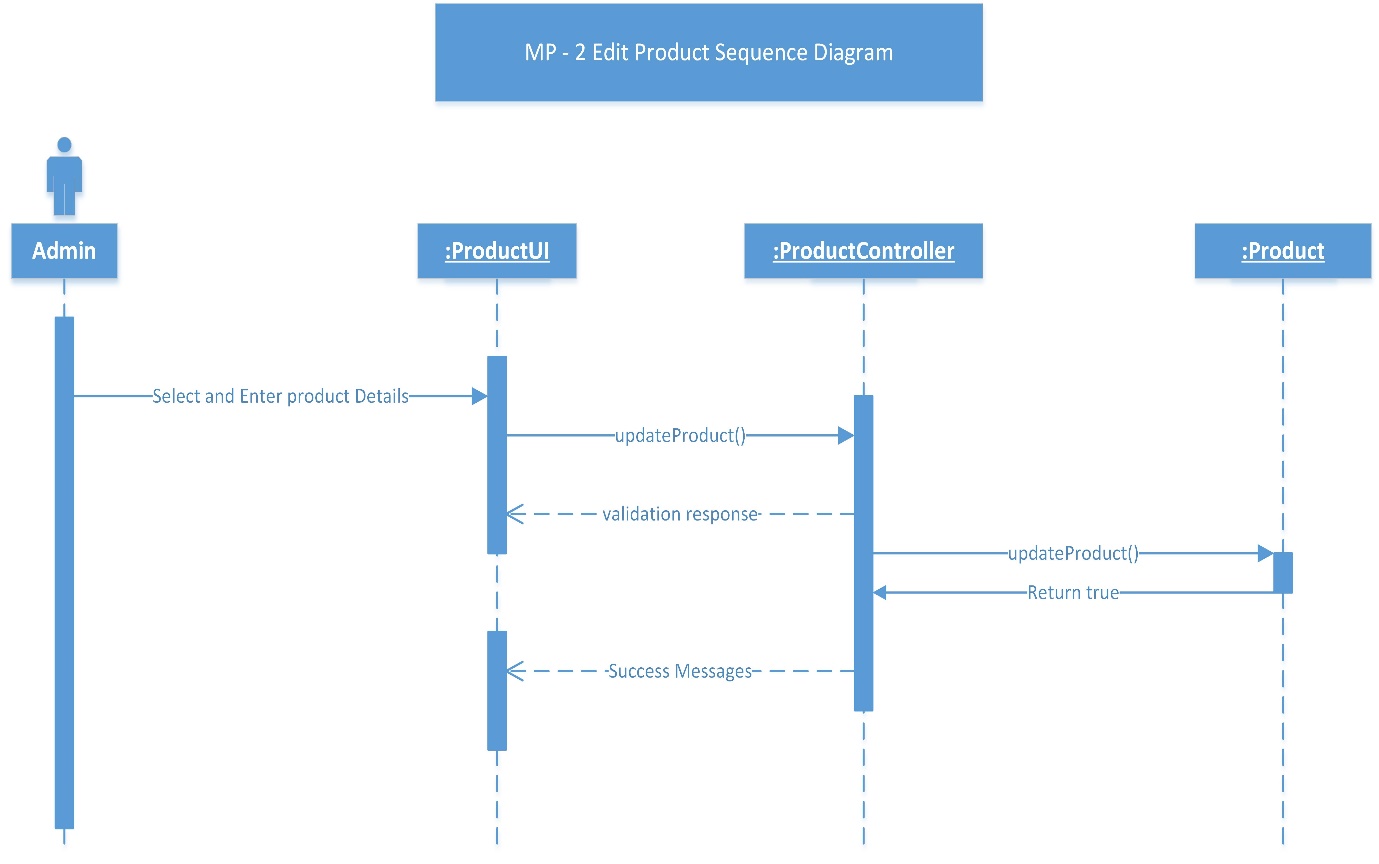


Figure Sequence Diagram of Edit Product

#### MP – 3 Remove Product Sequence Diagram of Manage Product

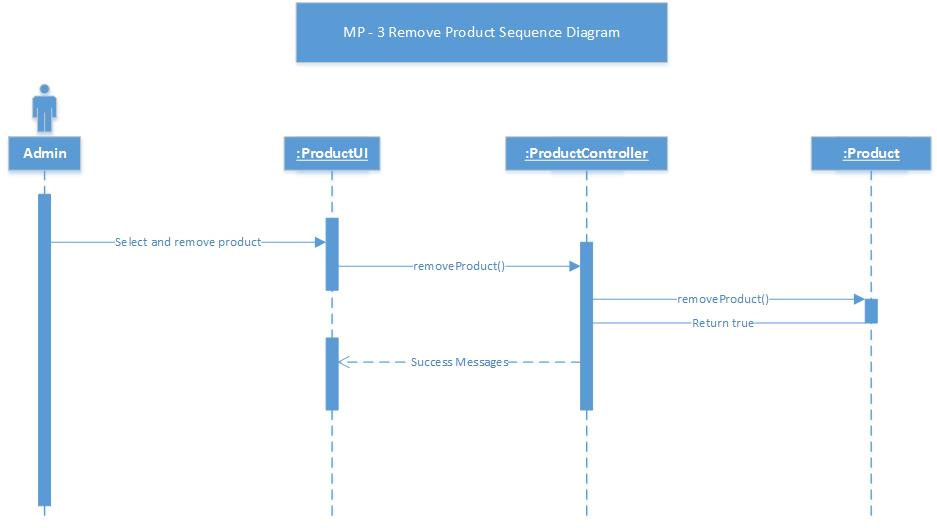


Figure Sequence Diagram of Remove Product

#### MP – 4 Display Product Sequence Diagram of Manage Product

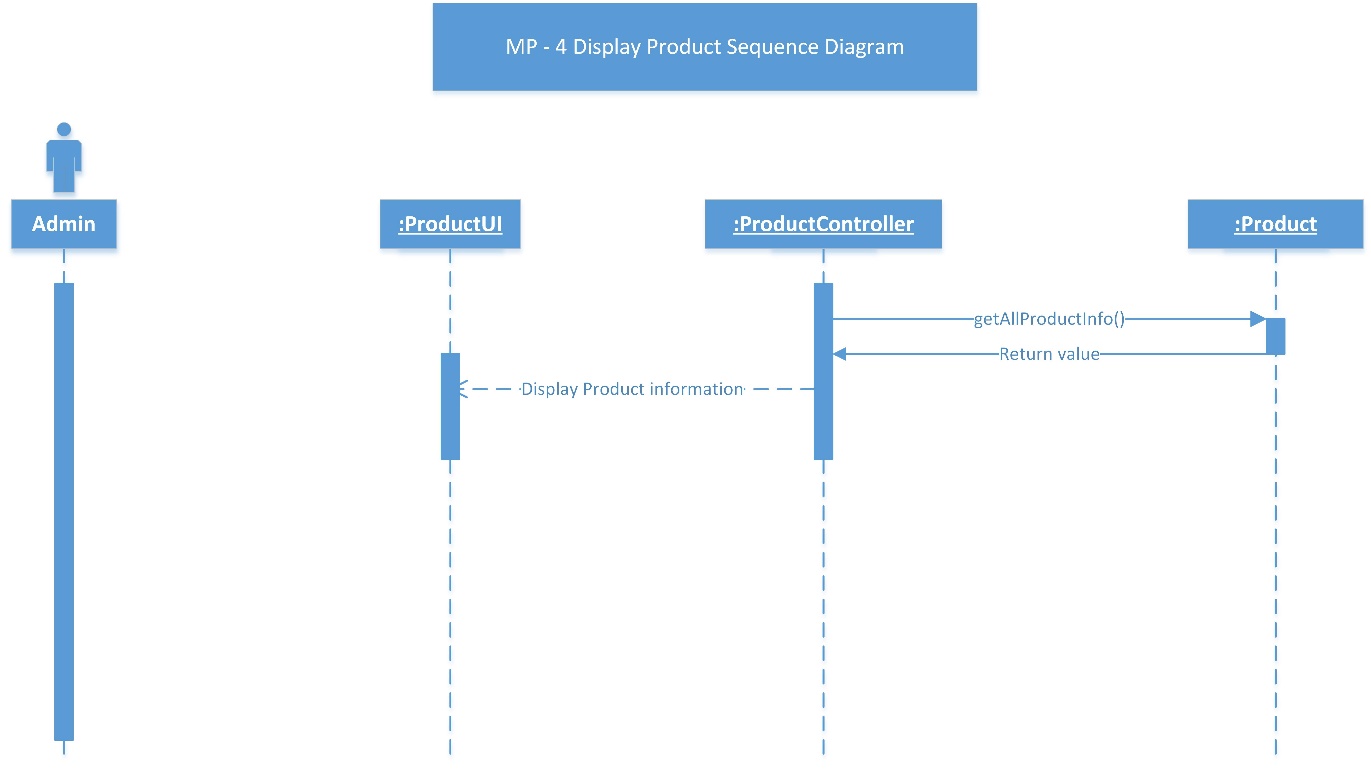


Figure Sequence Diagram of Display Product

### Activity Diagram of Manage Product

#### MP – 1 Add Product Activity Product of Manage Product

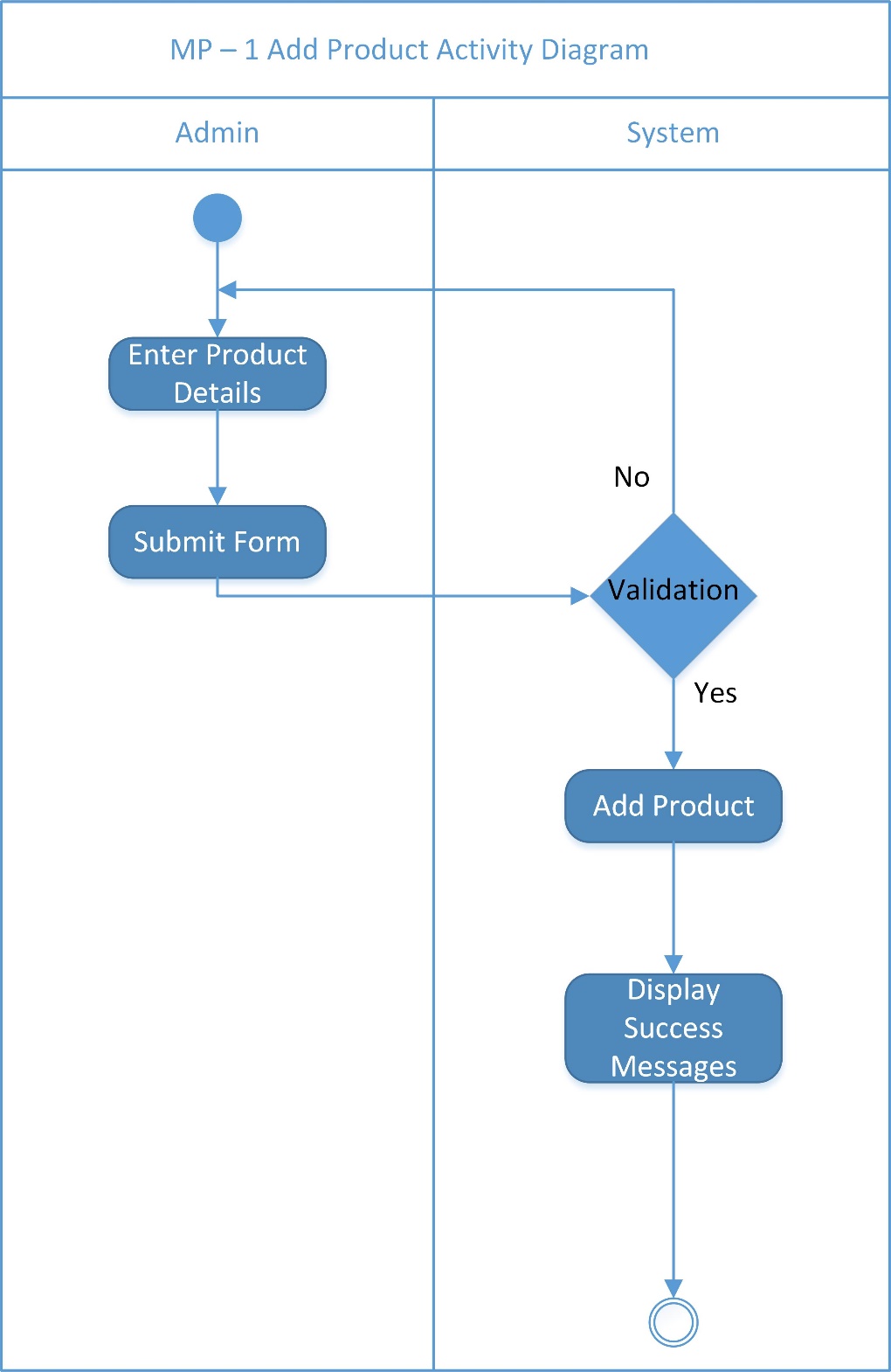


Figure Activity Diagram of Add Product

#### MP – 2 Edit Product Activity Product of Manage Product

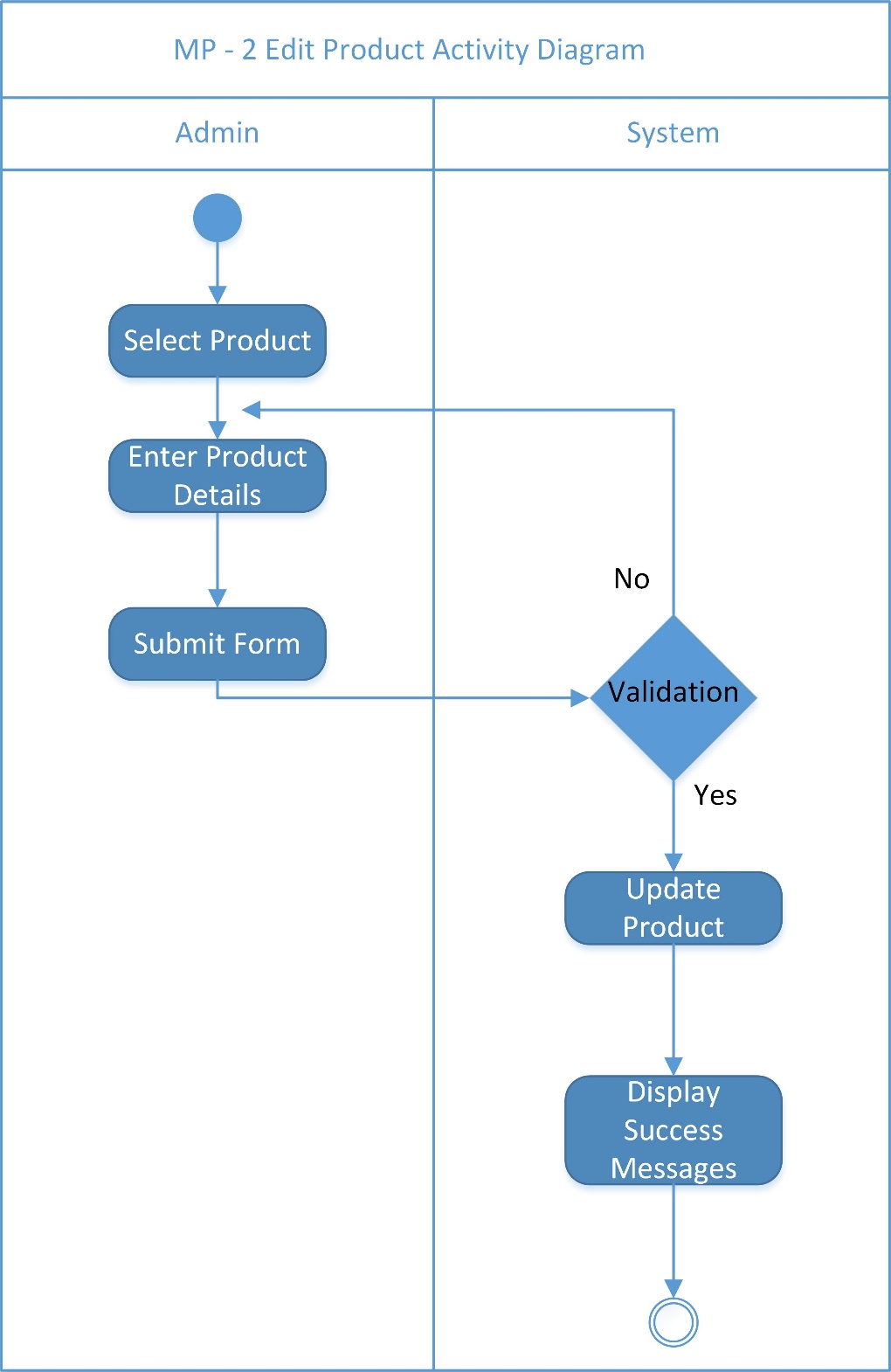


Figure Activity Diagram of Edit Product

#### MP – 3 Remove Product Activity of Manage Product



Figure Activity Diagram of Remove Product

#### MP – 4 Display Product Activity Diagram of Manage Product

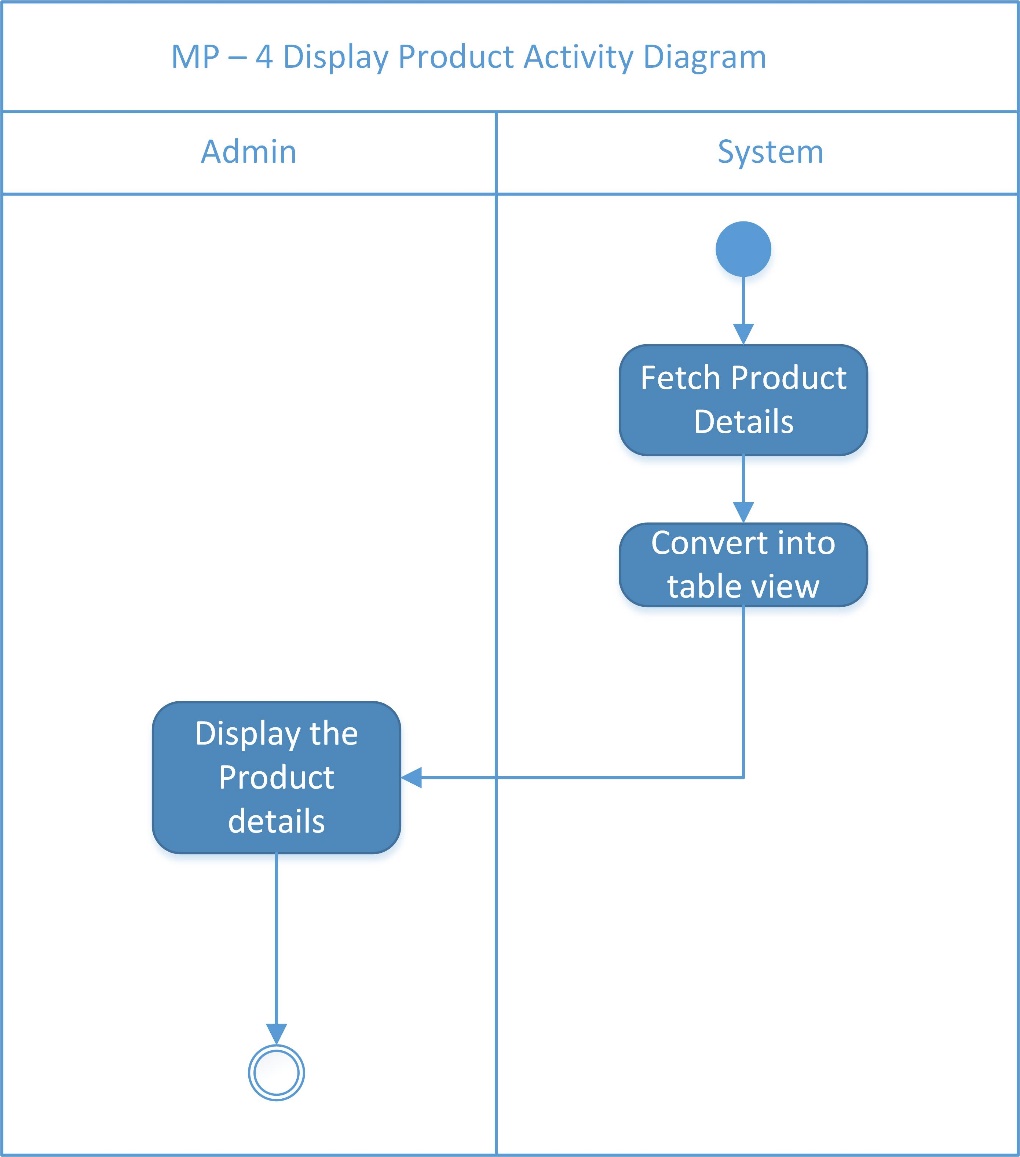


Figure Activity Diagram of Display Product

## Manage Orders [MO]

### Use Case Diagram of Manage Orders

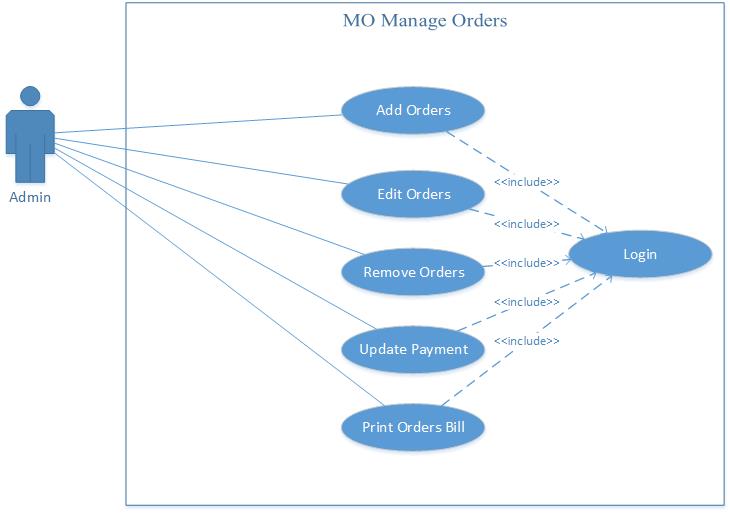


Figure Use Case Diagram of Manage Orders

### Collaboration Diagram of Manage Orders

#### MO – 1 Add Orders Collaboration Diagram of Manage Orders

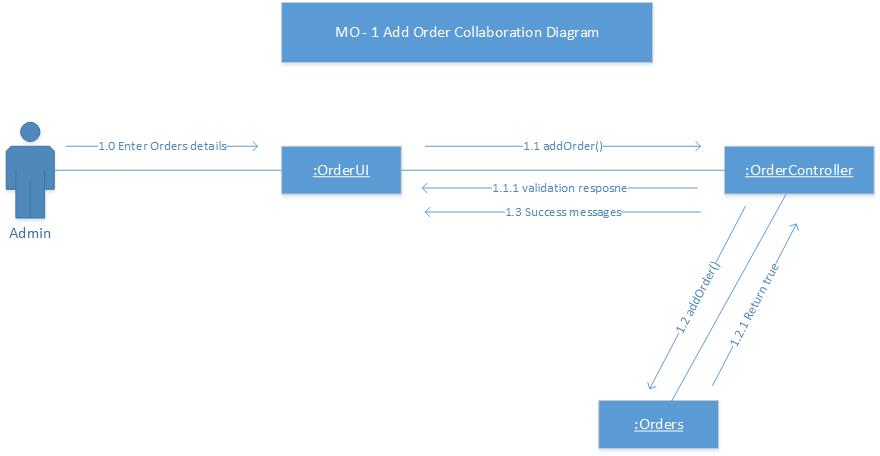


Figure Collaboration Diagram of Add Order

#### MO – 2 Edit Orders Collaboration Diagram of Manage Orders

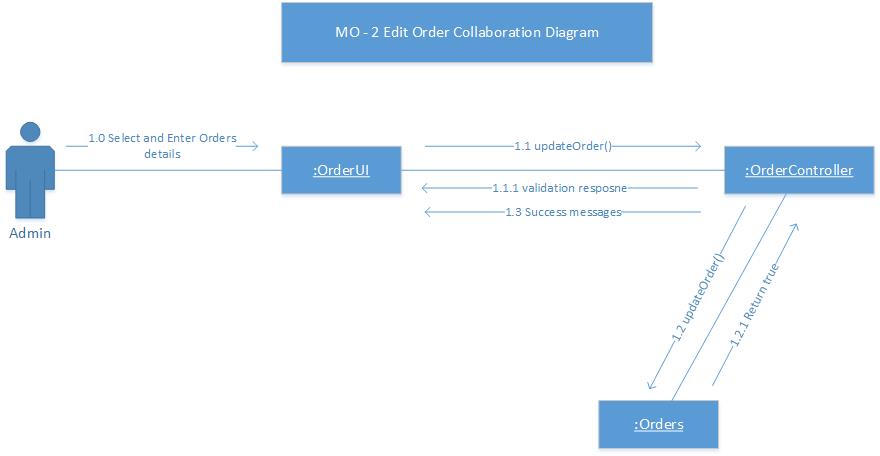


Figure Collaboration Diagram of Edit Order

#### MO – 3 Remove Orders Collaboration Diagram of Manage Orders

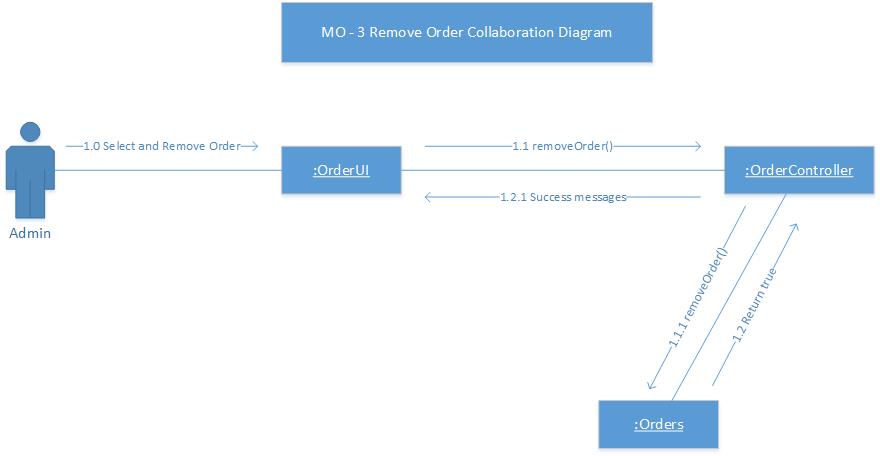


Figure Collaboration Diagram of Remove Order

#### MO – 4 Display Orders Collaboration Diagram of Manage Orders

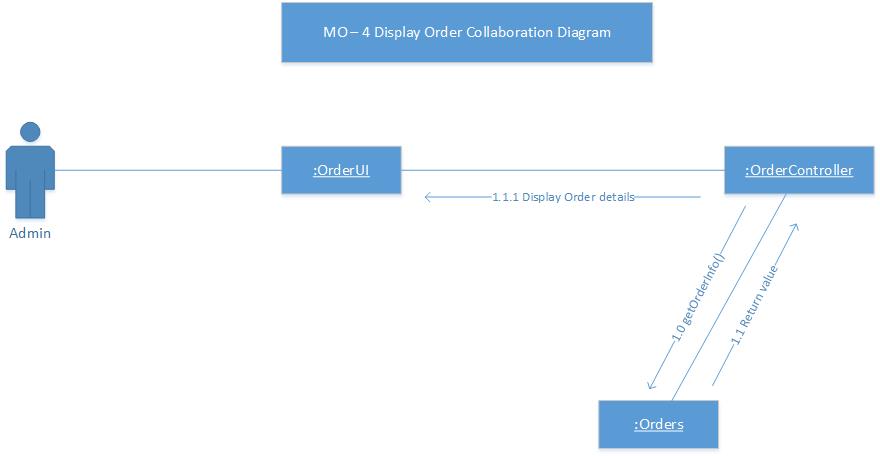


Figure Collaboration Diagram of Display Orders

#### MO – 5 Print Orders Collaboration Diagram of Manage Orders

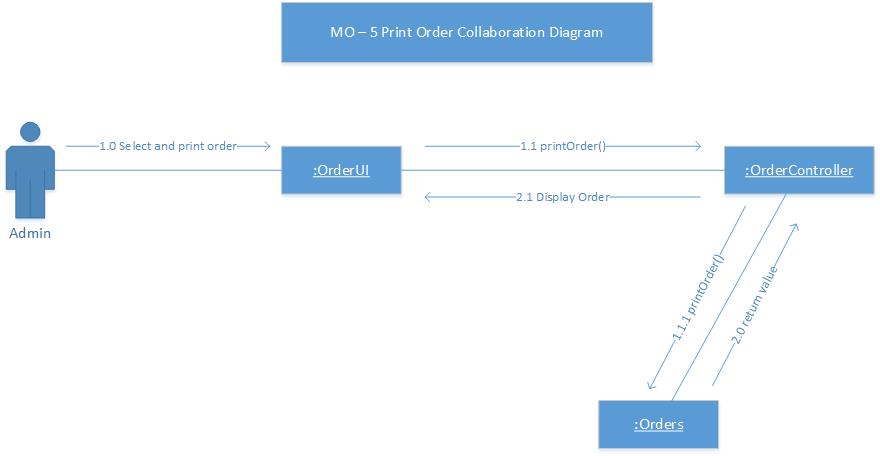


Figure Collaboration Diagram of Print Orders

### Sequence Diagram of Manage Orders

#### MO – 1 Add Orders Sequence Diagram of Manage Orders

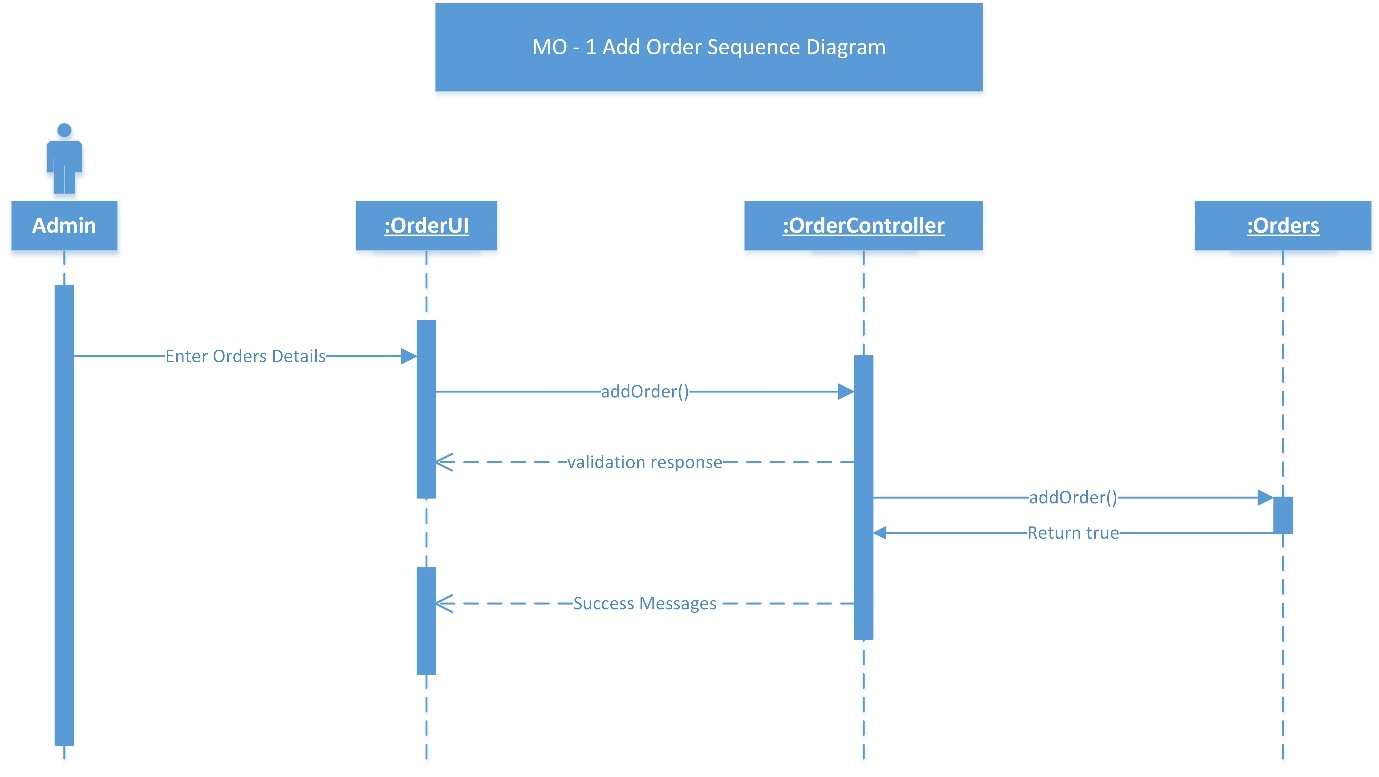


Figure Sequence Diagram of Add Orders

#### MP – 2 Edit Orders Sequence Diagram of Manage Orders

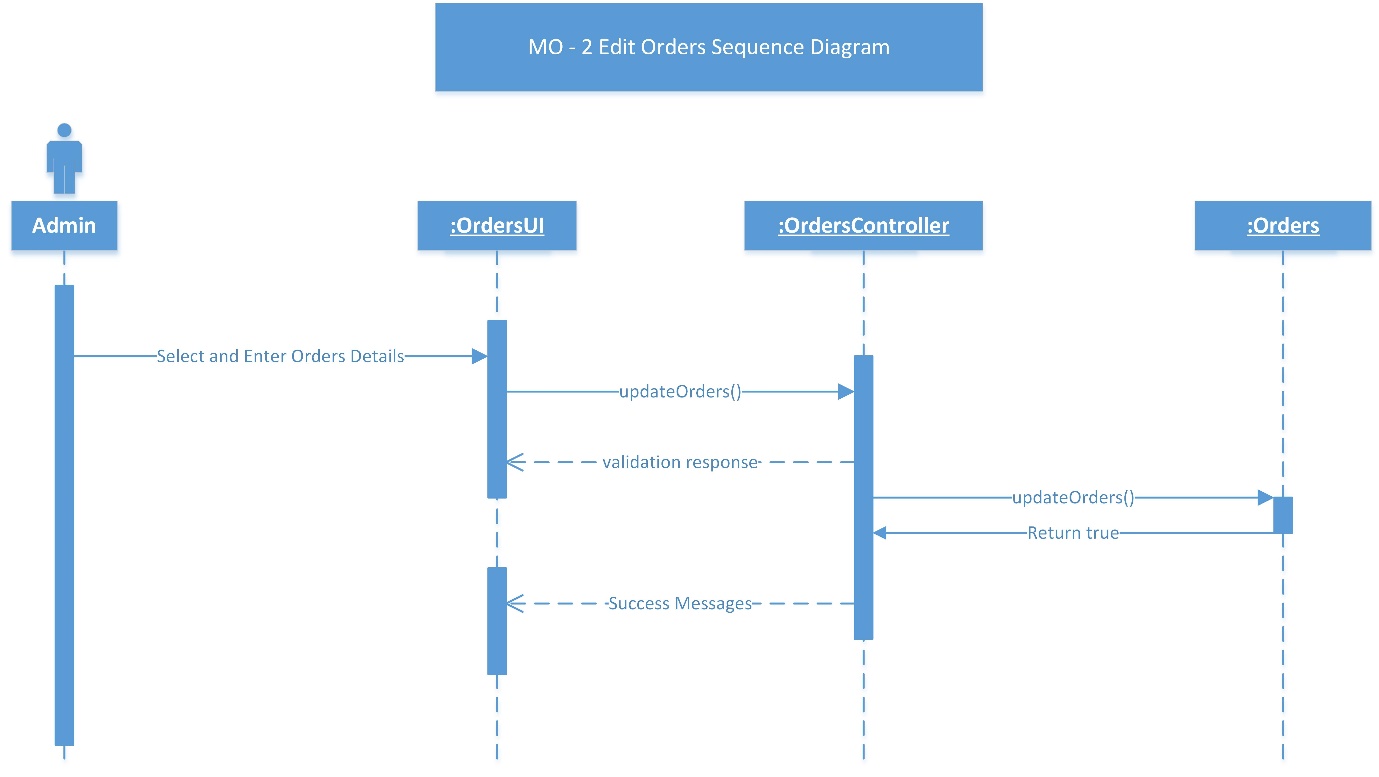


Figure Sequence Diagram of Edit Orders

#### MP – 3 Remove Orders Sequence Diagram of Manage Orders

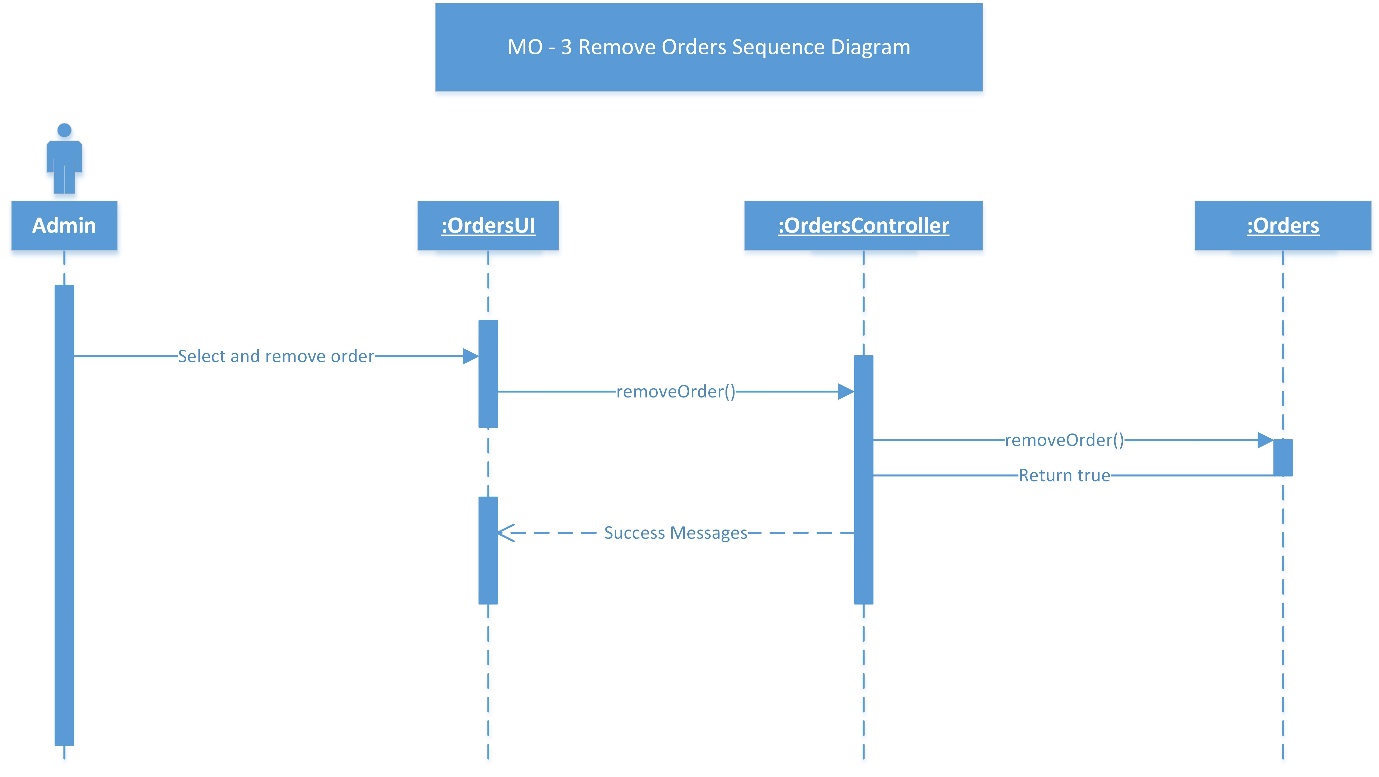


Figure Sequence Diagram of Remove Orders

#### MP – 4 Display Orders Sequence Diagram of Manage Orders

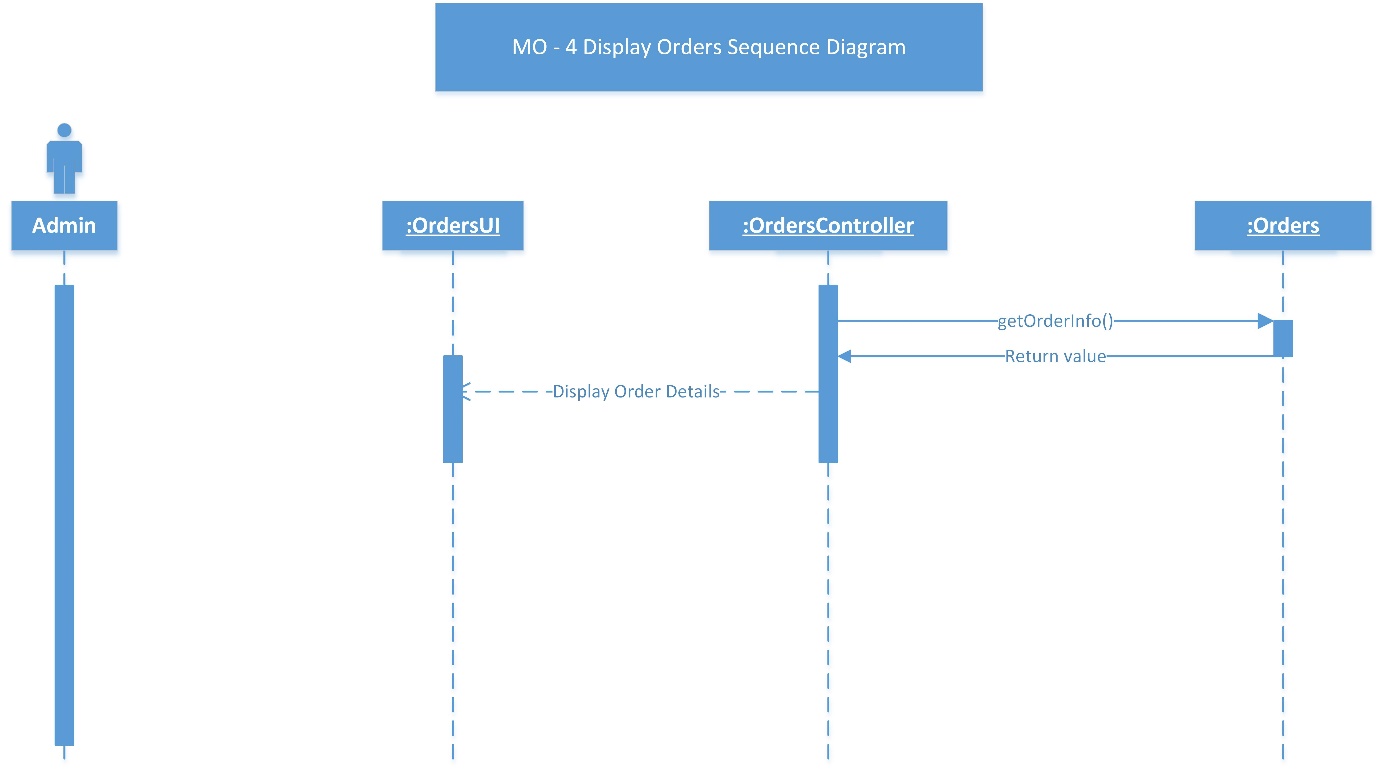


Figure Sequence Diagram of Display Orders

#### MP – 5 Print Orders Sequence Diagram of Manage Orders

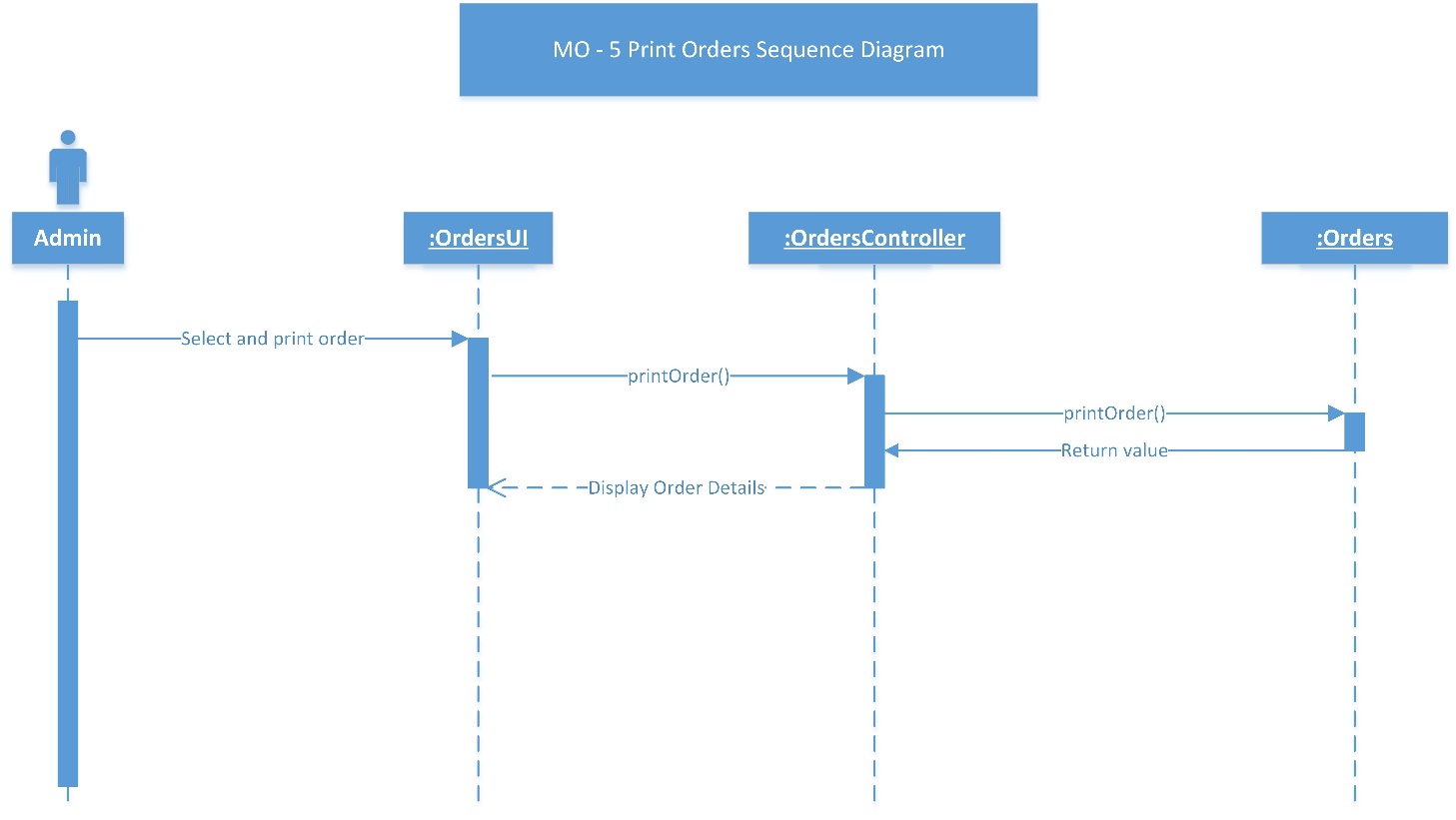
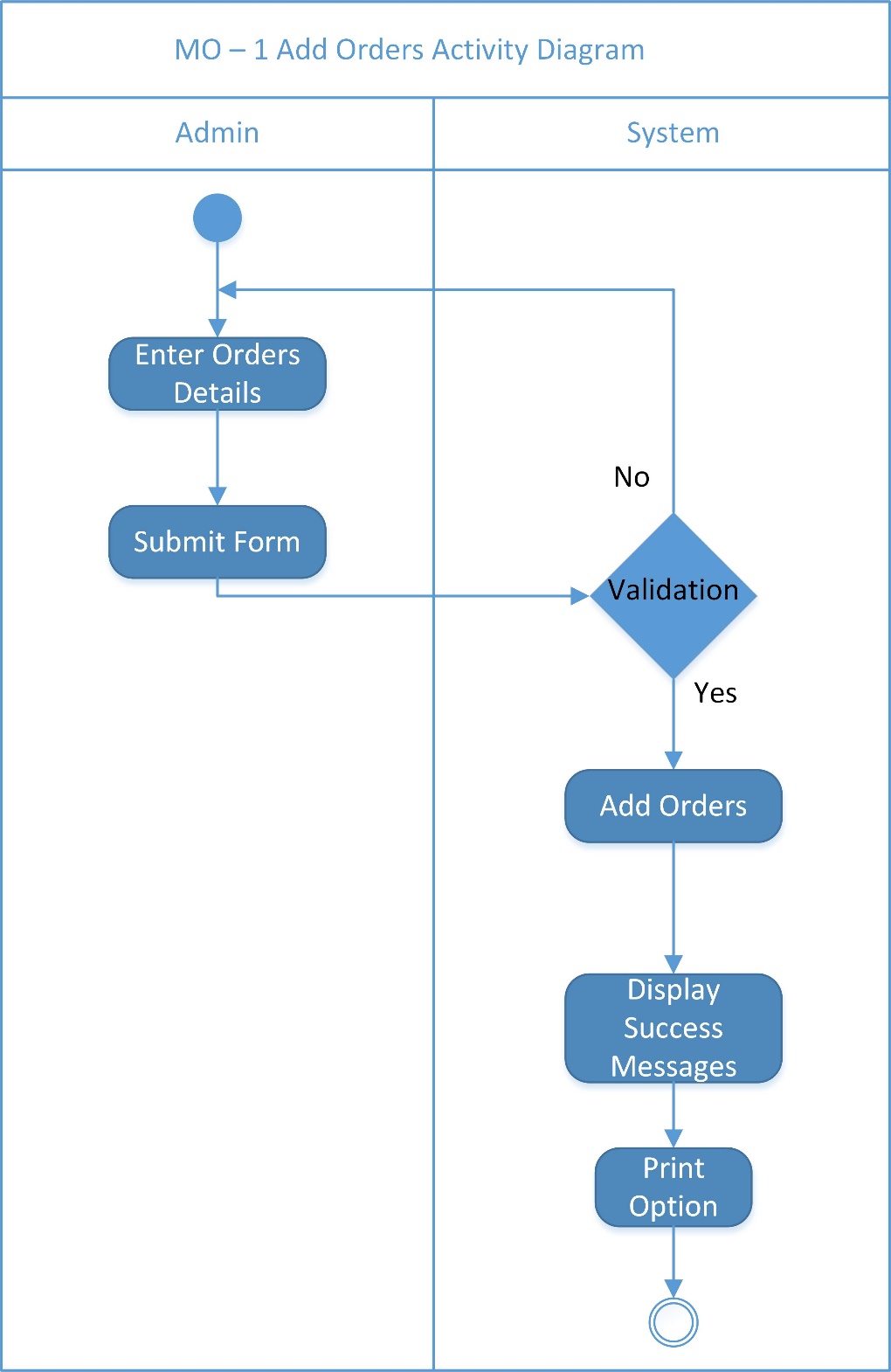


Figure Sequence Diagram of Print Orders

### Activity Diagram of Manage Orders

#### MO – 1 Add Orders Activity Diagram of Manage Orders

Figure Activity Diagram of Add Orders

#### MO – 2 Edit Orders Activity Diagram of Manage Orders

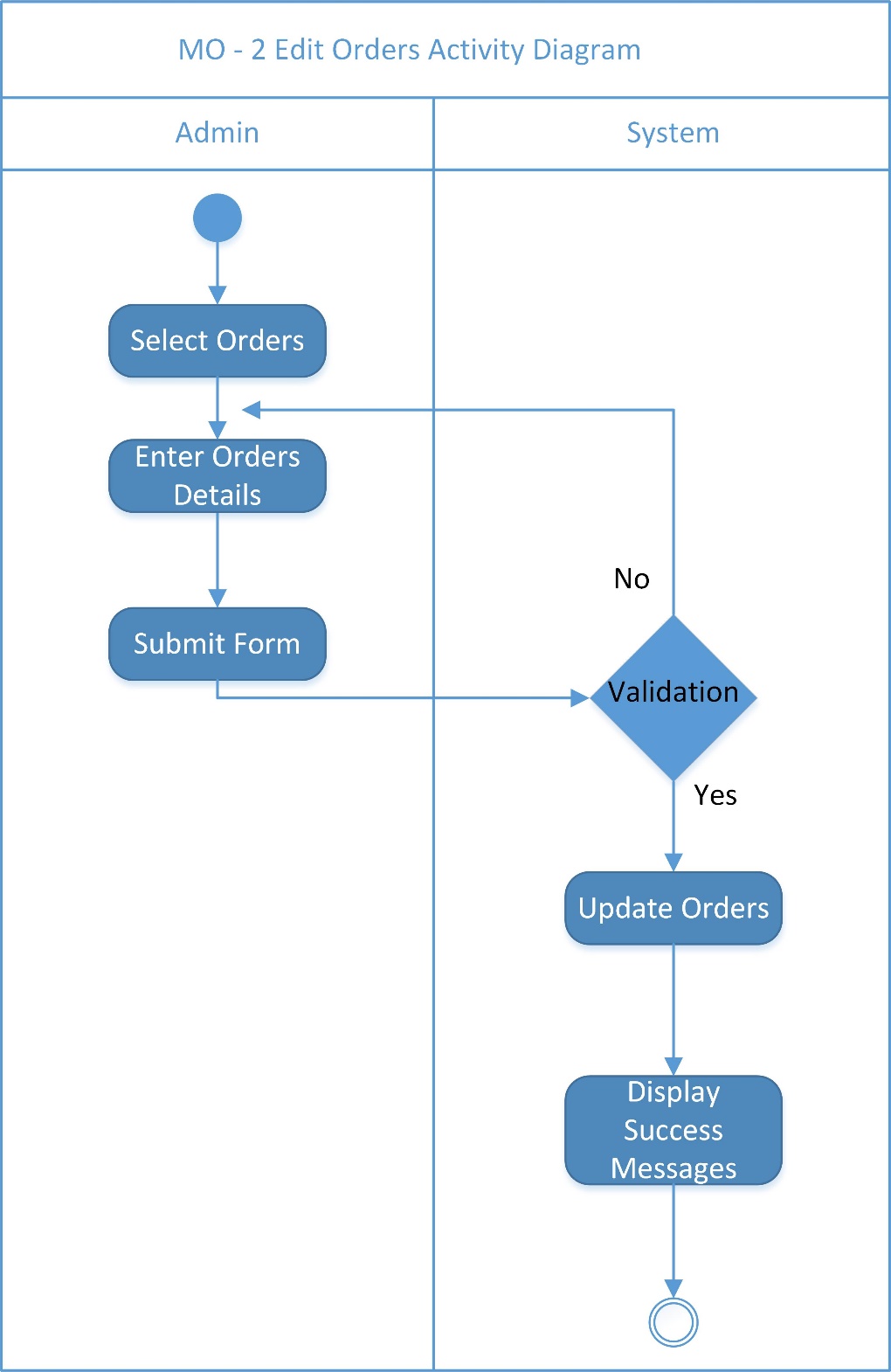


Figure Activity Diagram of Edit Orders

#### MO – 3 Remove Orders Activity Diagram of Manage Orders

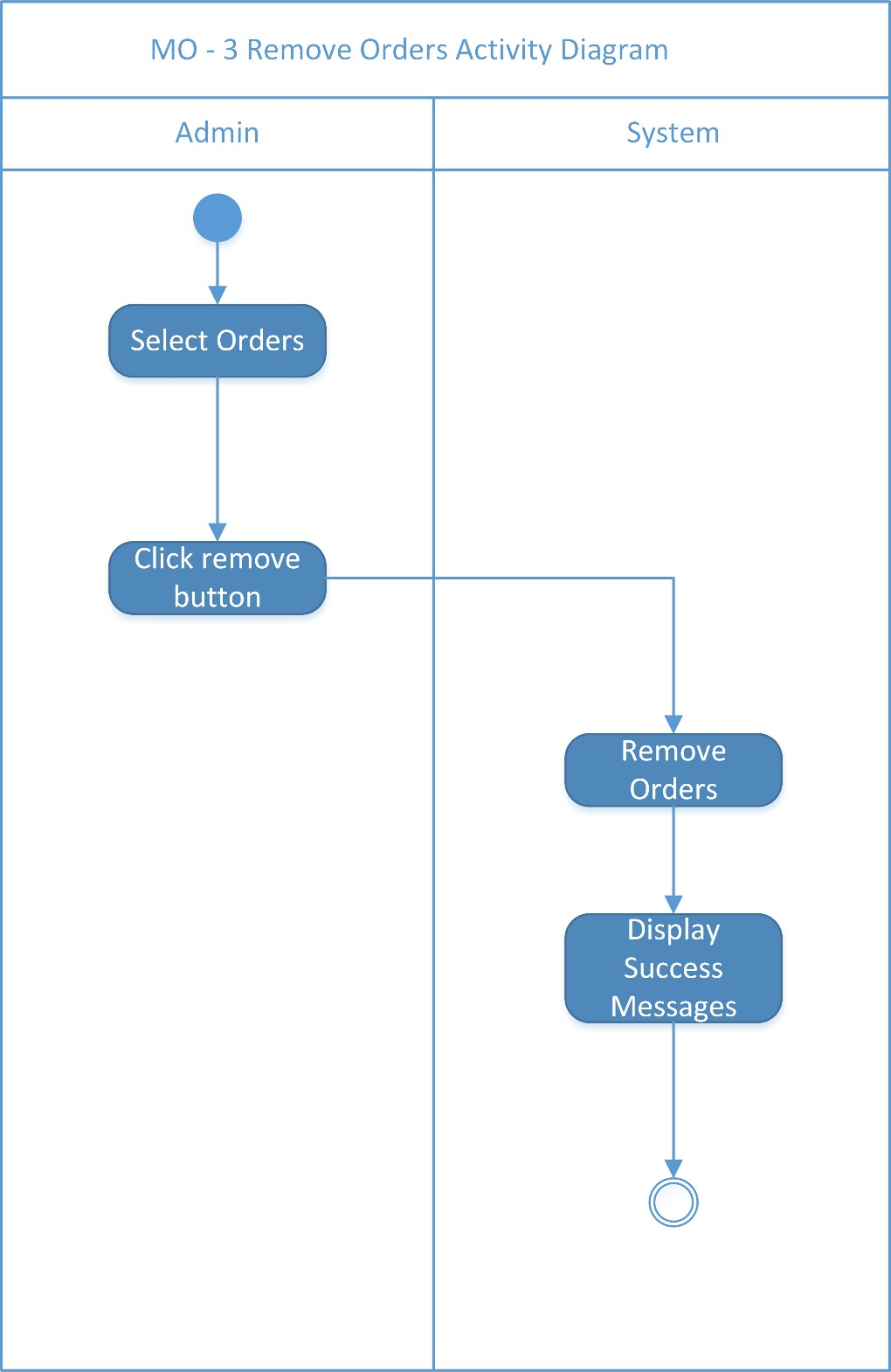


Figure Activity Diagram of Remove Orders

#### MO – 4 Display Orders Activity Diagram of Manage Orders

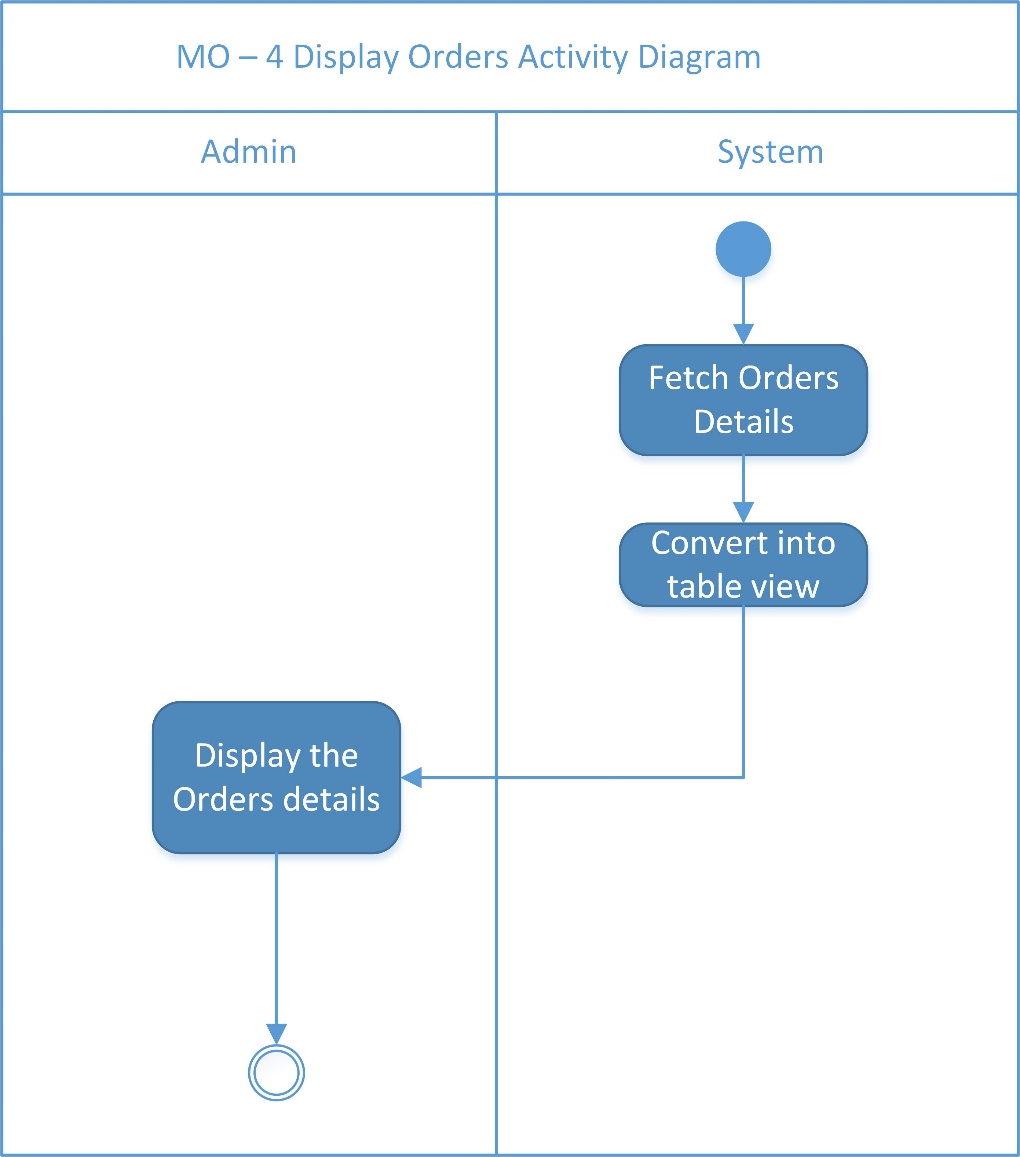


Figure Activity Diagram of Display Orders

#### MO – 5 Print Orders Bill Activity Diagram of Manage Orders

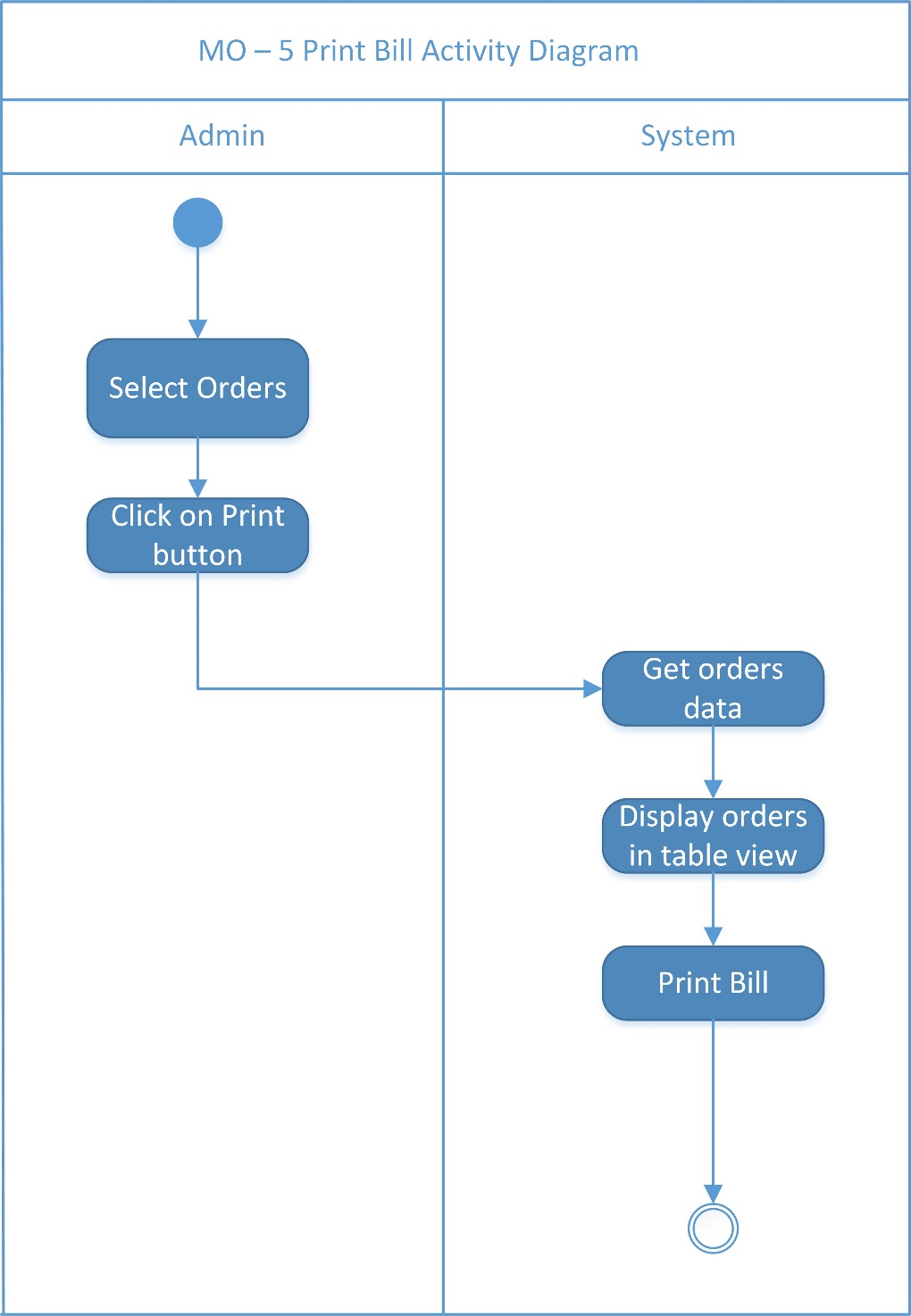


Figure Activity Diagram of Print Orders Bill

## Generate Orders Report [GOR]

### Use Case Diagram of Generate Orders Report

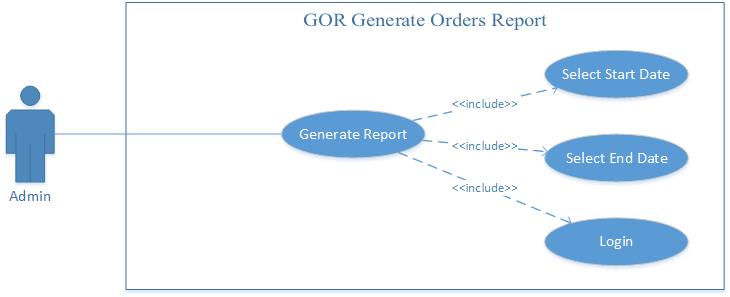


Figure Use Case Diagram of Generate Orders Report

### Collaboration Diagram of Generate Orders Report

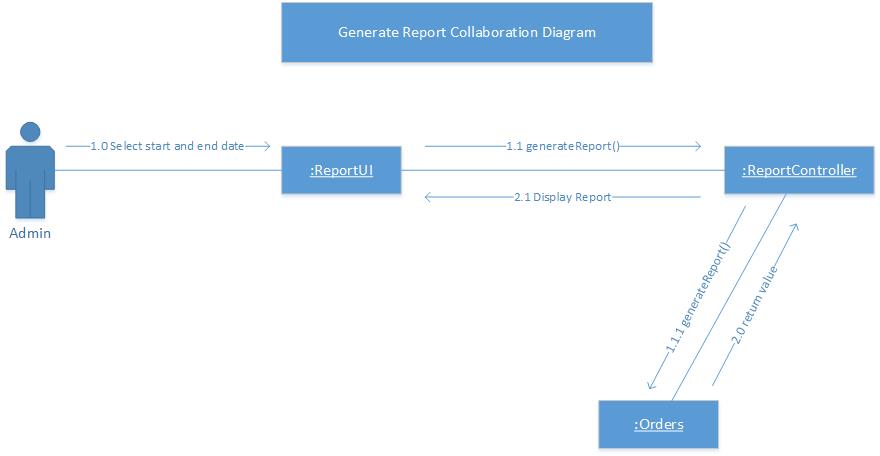


Figure Collaboration Diagram of Generate Report

### Sequence Diagram of Generate Orders Report

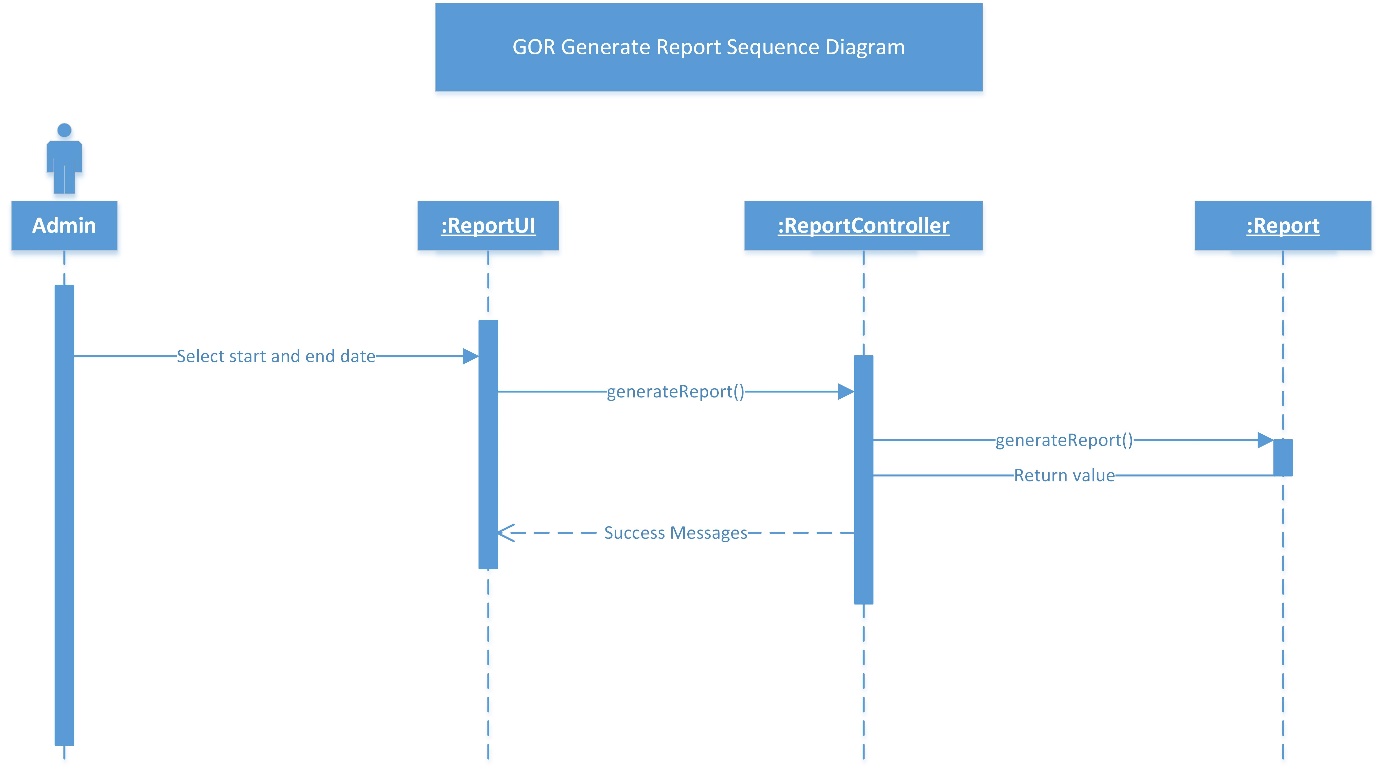


Figure Sequence Diagram of Generate Orders Report

### Activity Diagram of Generate Orders Report

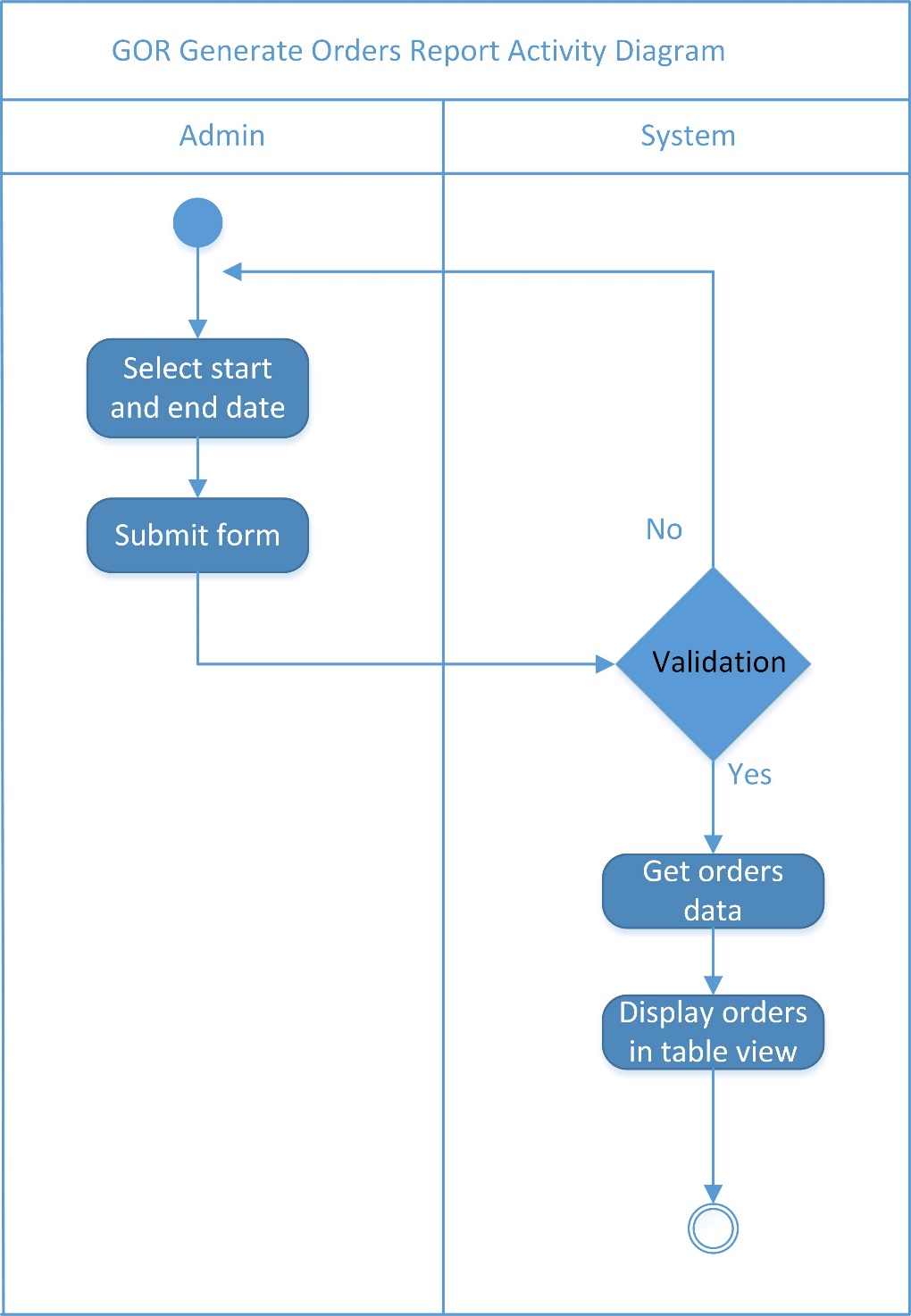


Figure Activity Diagram of Generate Orders Reports

## Entity Relationship Diagram

### List of Entities

There are 6 entities used in this system. All entities are listed below:

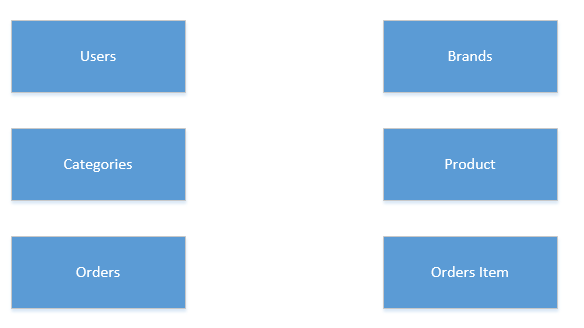


Figure List of Entities

### Relationship with Entities

The figures below shows the relationship between the entities:

#### Product – Brands

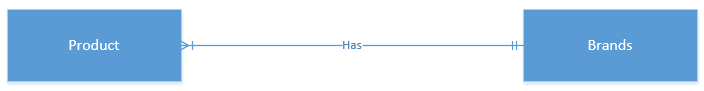


Figure Product - Brands Entity Relationship

* Product have one brands
* One Brands have Multiple Product

#### Product – Category

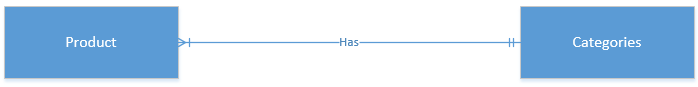


Figure Product – Category Entity Relationship

* Product have one category
* One category have multiple product

#### Orders Item – Product



Figure Orders Item – Product Entity Relationship

* An Orders Item have multiple products.
* One product have multiple Orders Item.

#### Orders Item – Orders



Figure Orders Item - Orders Entity Relationship

* An Orders Item have one orders.
* An orders have multiple orders item.

### ER – Diagram

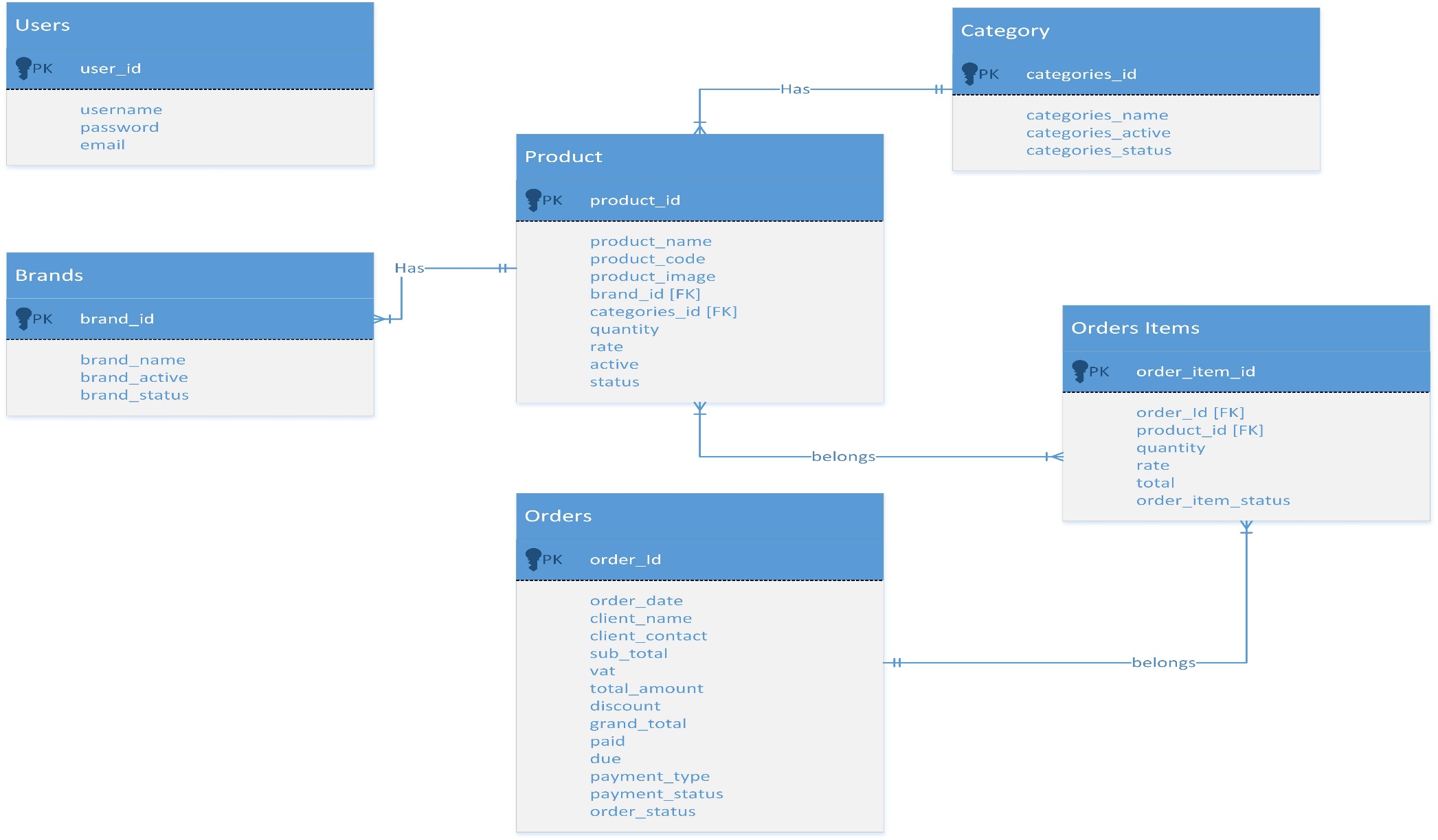


Figure Entity Relationship Diagram ERD

### Data Dictionary

A data dictionary is a collection of descriptions of the data objects or items in a data model for the benefit of programmers and others who need to refer to them. A first step in analyzing a system of objects with which users interact is to identify each object and its relationship to other objects. This process is called data modeling and results in a picture of object relationships. (TechTarget, 2005)

#### Table: Users

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** | **MIME** |
| user\_id | INT(11) | No |  |  |  |
| username | VARCHAR(255) | No |  |  |  |
| password | VARCHAR(255) | No |  |  |  |
| email | VARCHAR(255) | No |  |  |  |

Table Table: Users

#### Table: Brand

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** | **MIME** |
| brand\_id | INT(11) | No |  |  |  |
| brand\_name | VARCHAR(255) | No |  |  |  |
| brand\_active | INT(11) | No | 0 |  |  |
| brand\_status | INT(11) | No | 0 |  |  |

Table Table: Brand

#### Table: Category

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** | **MIME** |
| categories\_id | INT(11) | No |  |  |  |
| categories\_name | VARCHAR(255) | No |  |  |  |
| categories\_active | INT(11) | No | 0 |  |  |
| categories\_status | INT(11) | No | 0 |  |  |

Table Table: Category

#### Table: Product

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** | **MIME** |
| product\_Id | INT(11) | No |  |  |  |
| product\_name | VARCHAR(255) | No |  |  |  |
| product\_image | VARCHAR(255) | No |  |  |  |
| brand\_id | INT(11) | No |  |  |  |
| categories\_id | INT(11) | NO |  |  |  |
| quantity | VARCHAR(255) | NO |  |  |  |
| rate | VARCHAR(255) | No |  |  |  |
| active | INT(11) | No | 0 |  |  |
| status | INT(11) | No | 0 |  |  |

Table Table: Product

#### Table: Orders

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** | **MIME** |
| order\_id | INT(11) | No |  |  |  |
| order\_date | DATE | No |  |  |  |
| client\_name | VARCHAR(255) | No |  |  |  |
| client\_contact | VARCHAR(255) | No |  |  |  |
| sub\_total | VARCHAR(255) | No |  |  |  |
| vat | VARCHAR(255) | No |  |  |  |
| total\_amount | VARCHAR(255) | No |  |  |  |
| discount | VARCHAR(255) | No |  |  |  |
| grand\_total | VARCHAR(255) | No |  |  |  |
| paid | VARCHAR(255) | No |  |  |  |
| due | VARCHAR(255) | No |  |  |  |
| payment\_type | INT(11) | No |  |  |  |
| payment\_status | INT(11) | No |  |  |  |
| order\_status | INT(11) | No | 0 |  |  |

Table Table: Orders

#### Table: Orders Item

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** | **MIME** |
| order\_item\_id | INT(11) | No |  |  |  |
| order\_id | INT(11) | No | 0 |  |  |
| product\_id | INT(11) | No | 0 |  |  |
| quantity | VARCHAR(255) | No |  |  |  |
| rate | VARCHAR(255) | No |  |  |  |
| total | VARCHAR(255) | No |  |  |  |
| order\_item\_status | INT(11) | No | 0 |  |  |

Table Table: Orders Item

## Wireframe Design

### Login

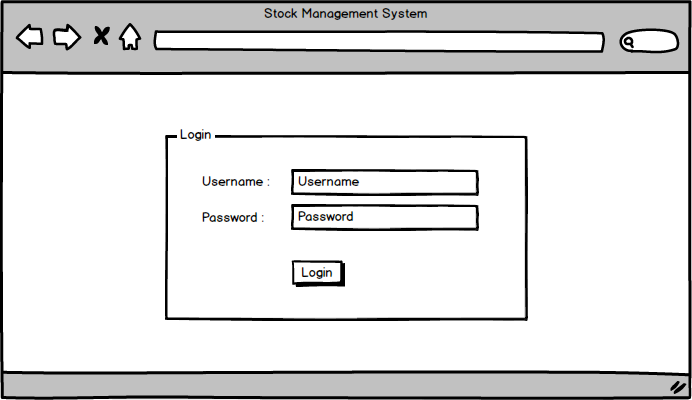


Figure Wireframe Design of Login

### Dashboard

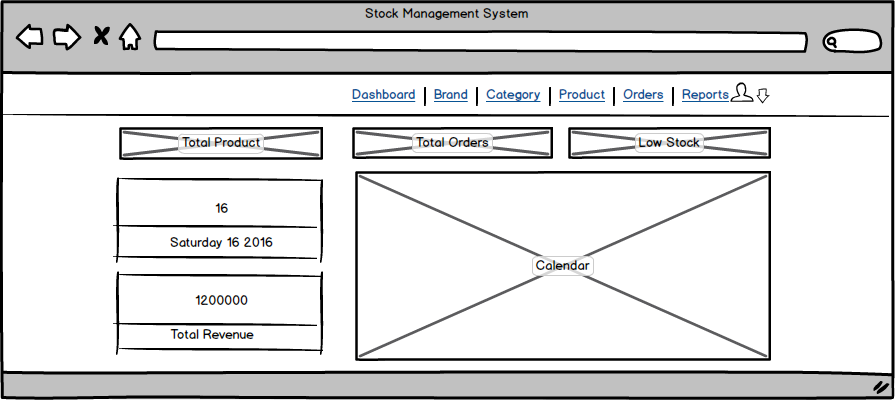


Figure Wireframe Design of Dashboard

### Manage Brands

#### Add Brands

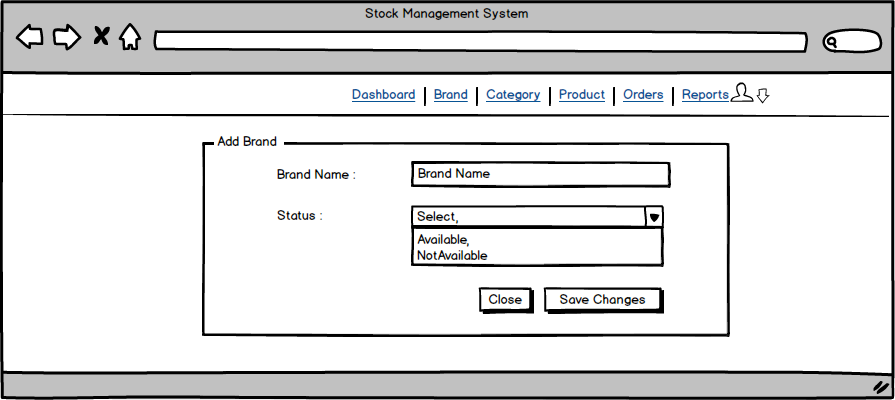


Figure Wireframe Design for Add Brands

#### Edit Brands

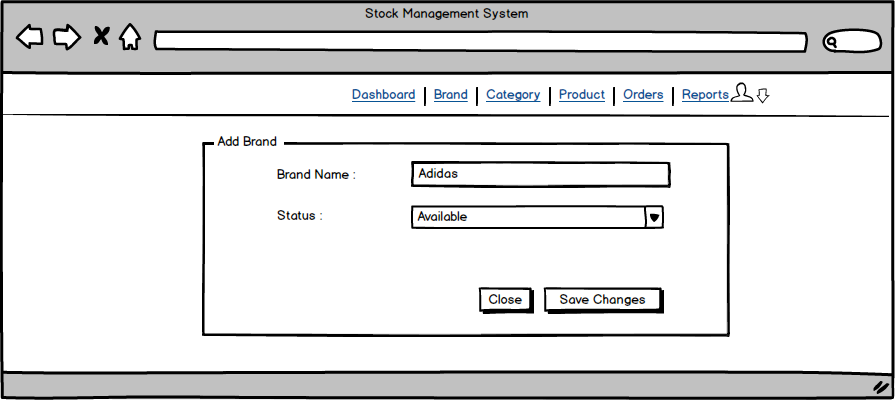


Figure Wireframe Design for Edit Brands

#### Remove Brands

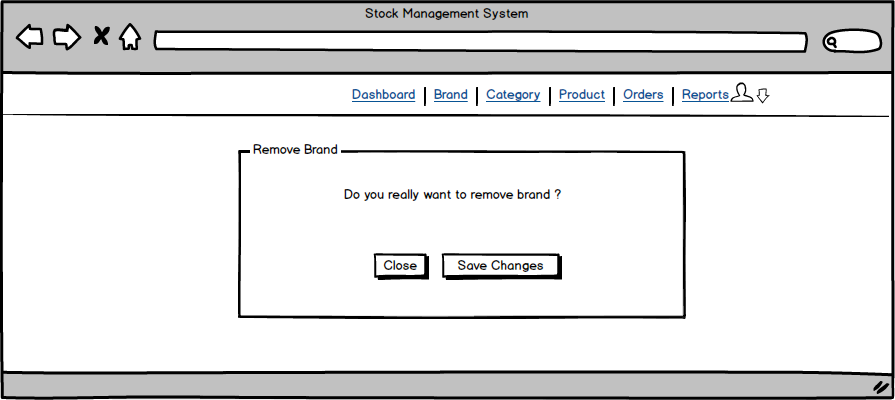


Figure Wireframe Design for Remove Brand

#### Display Brands

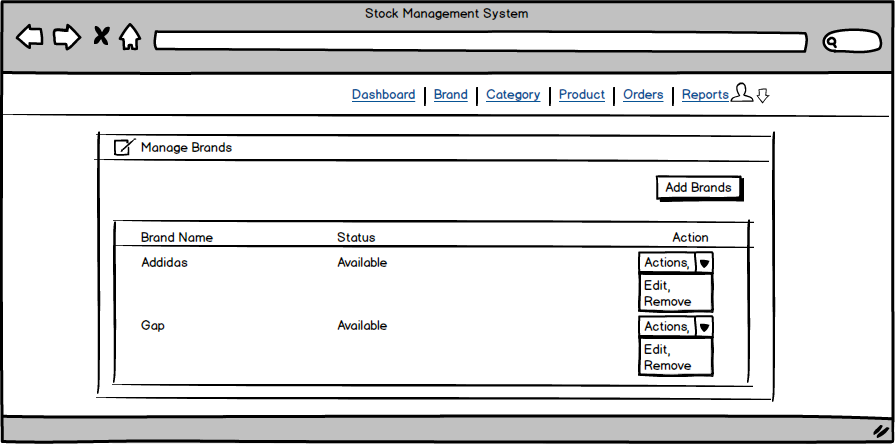


Figure Wireframe Design for Display Brands

### Manage Category

#### Add Category

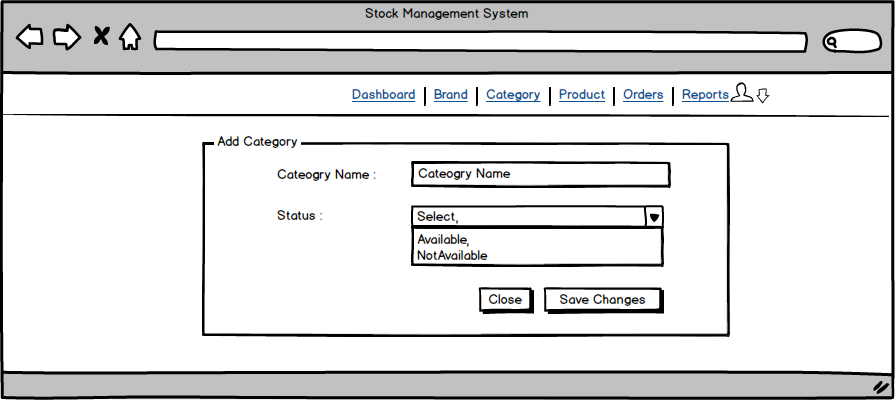


Figure Wireframe Design for Add Category

#### Edit Category

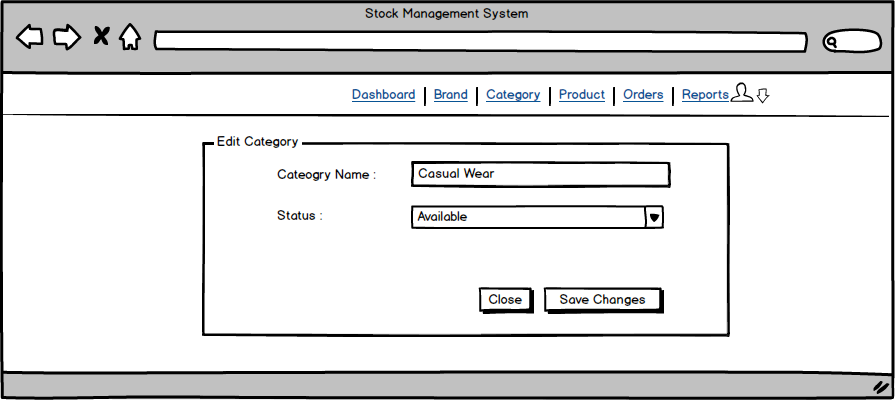


Figure Wireframe Design for Edit Category

#### Remove Category

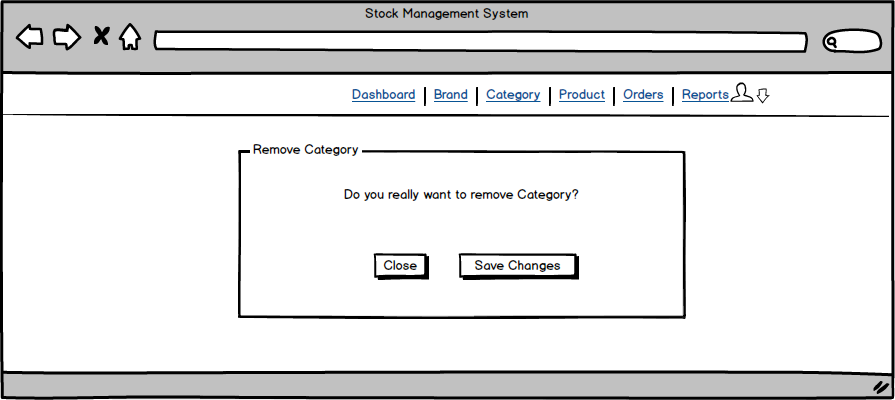


Figure Wireframe Design for Remove Category

#### Display Category



Figure Wireframe Design for Display Category

### Manage Product

#### Add Product

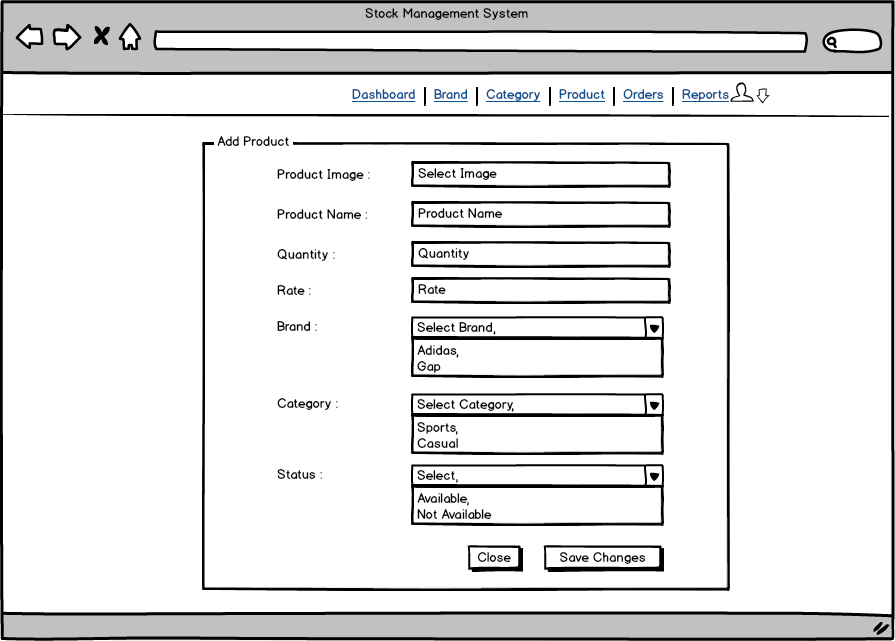


Figure Wireframe Design for Add Product

#### Edit Product

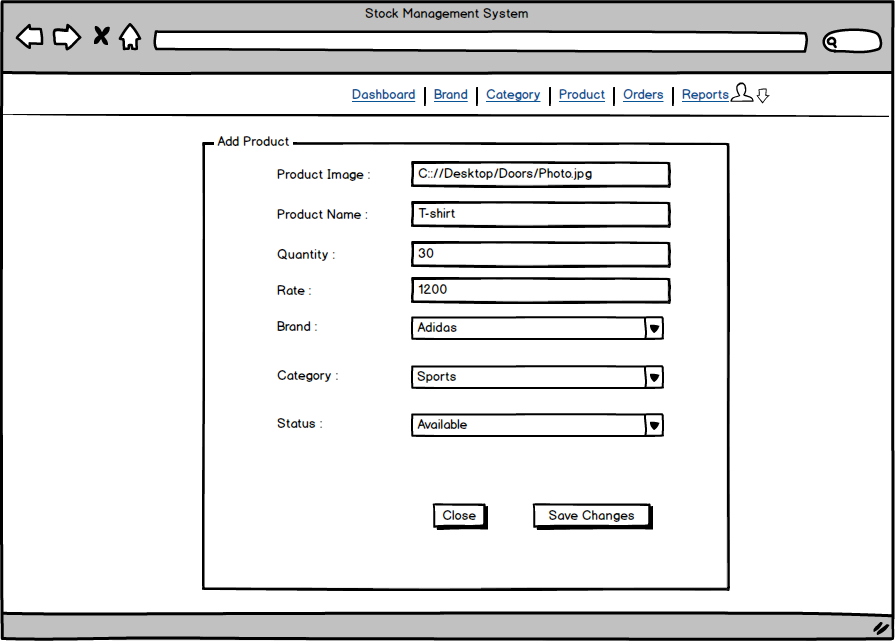


Figure Wireframe Design for Edit Product

#### Remove Product

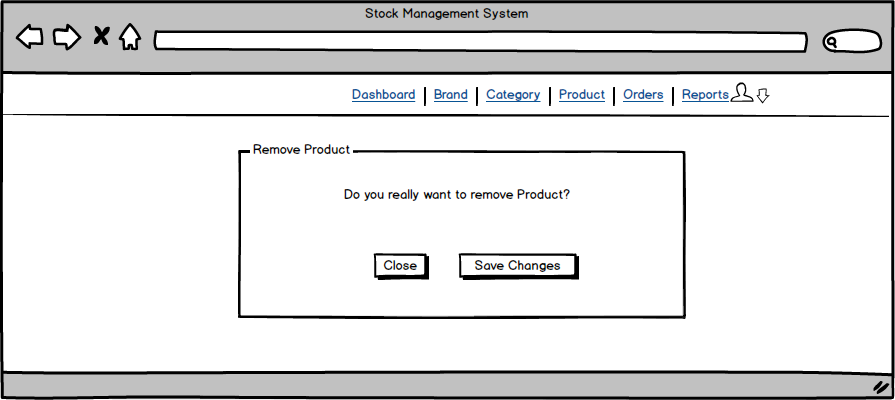


Figure Wireframe Design for Remove Product

#### Display Product

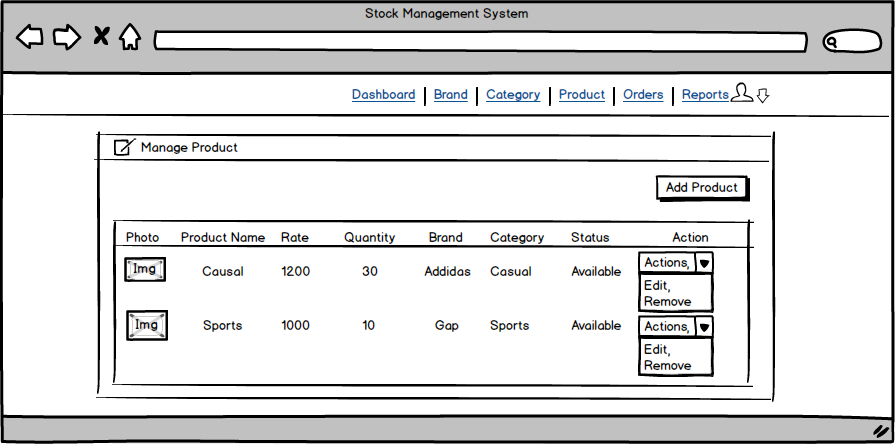


Figure Wireframe Design for Display Product

### Manage Orders

#### Add Orders

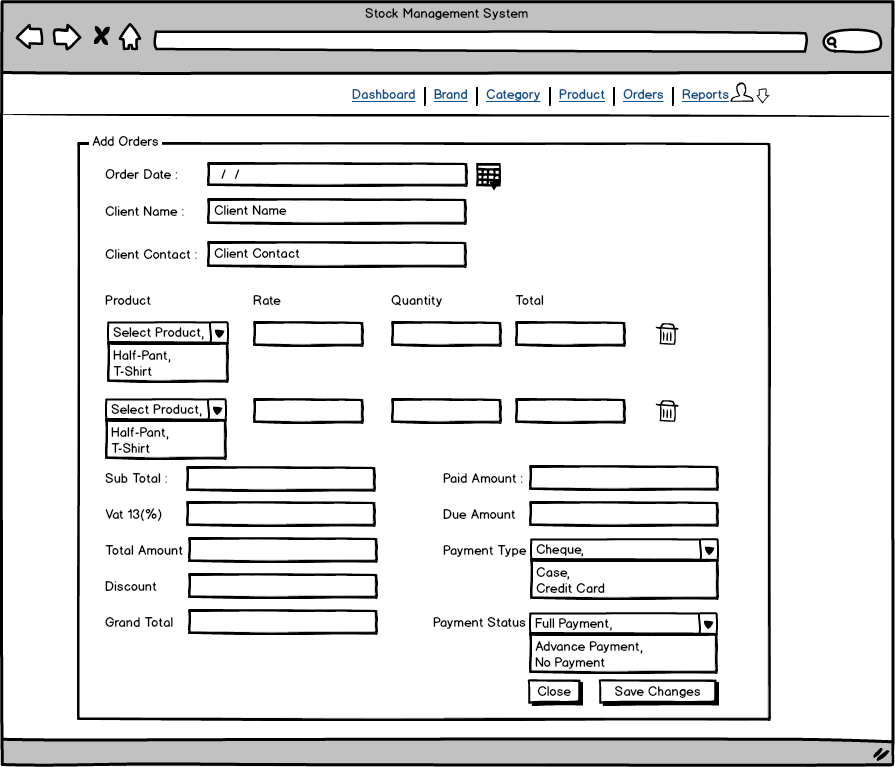


Figure Wireframe Design for Add Orders

#### Edit Orders

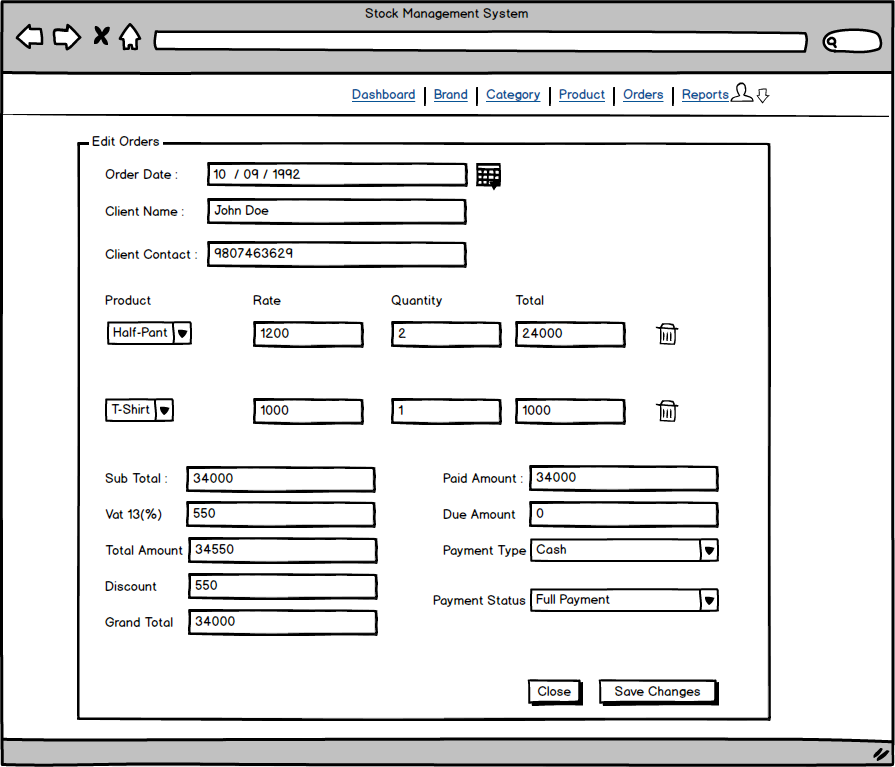


Figure Wireframe Design for Edit Orders

#### Remove Orders



Figure Wireframe Design for Remove Orders

#### Display Orders

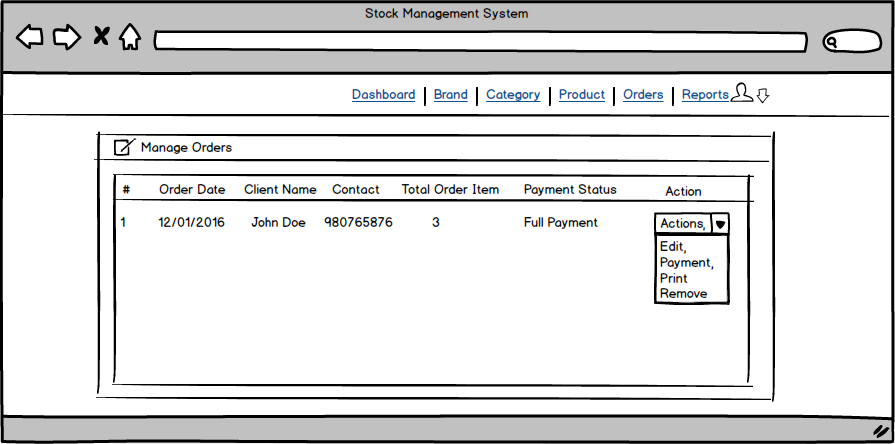


Figure Wireframe Design for Display Orders

#### Payment



Figure Wireframe Design for Payment

#### Print Orders Bill

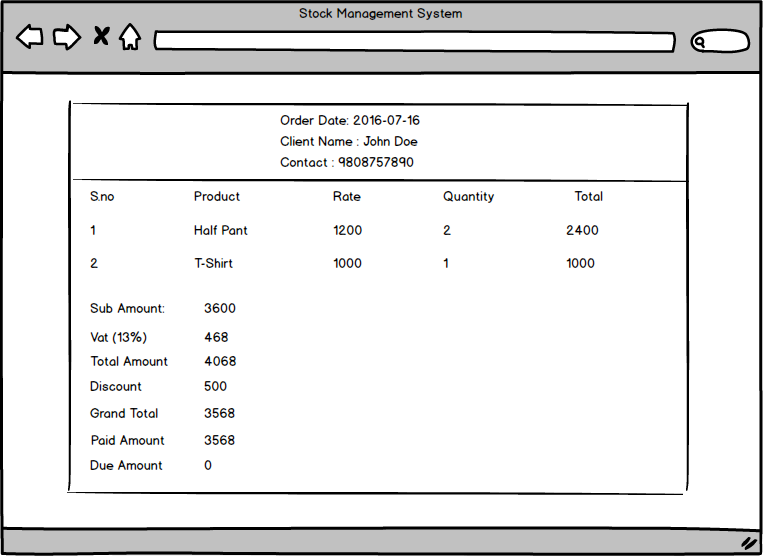


Figure Wireframe Design for Print Order Bill

### Generate Orders Report

#### Generate Orders Report Form

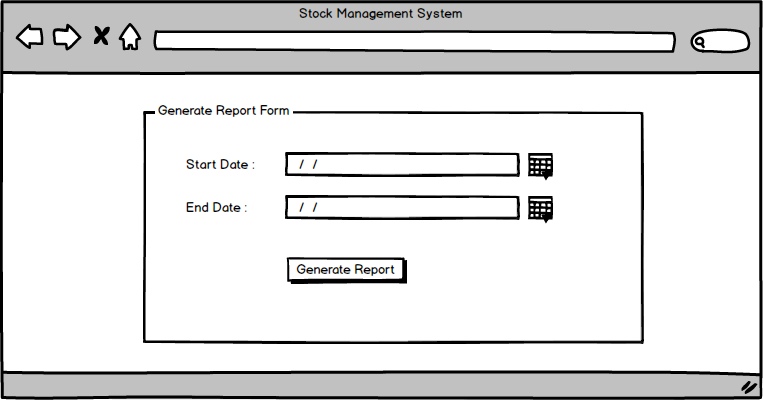


Figure Wireframe Design for Generate Order Report Form

#### Layout of Report

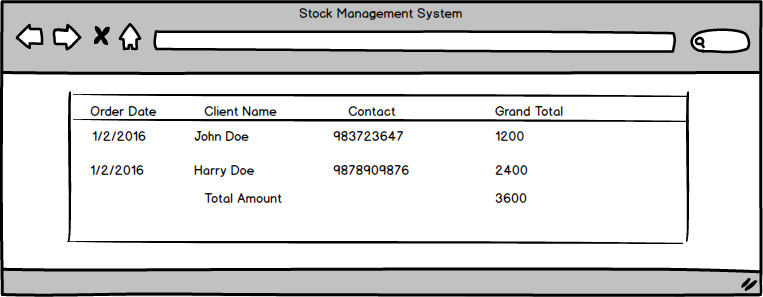


Figure Wireframe Design for Layout of Report

### Setting

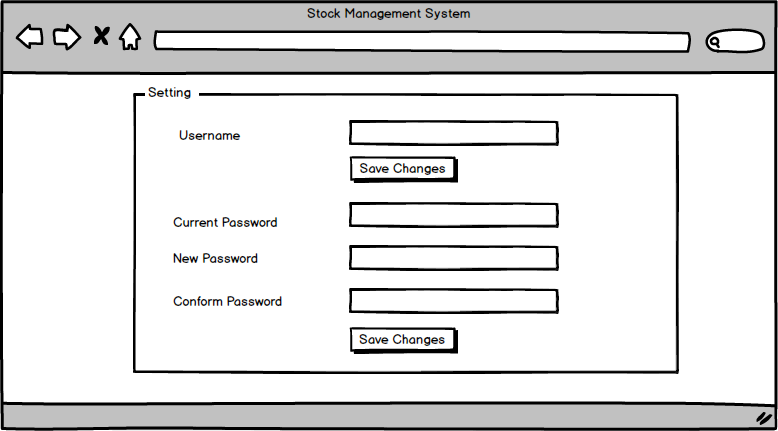


Figure Wireframe Design for Setting

# Implementation

## Screenshots of Final System

### User Login

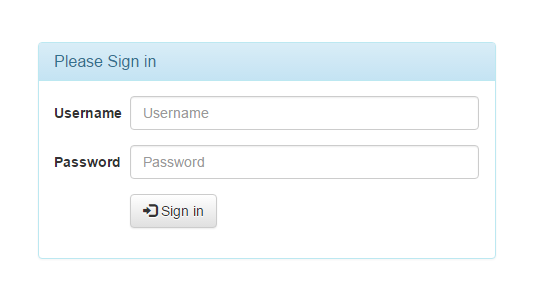


Figure Screenshots of Login

### Dashboard

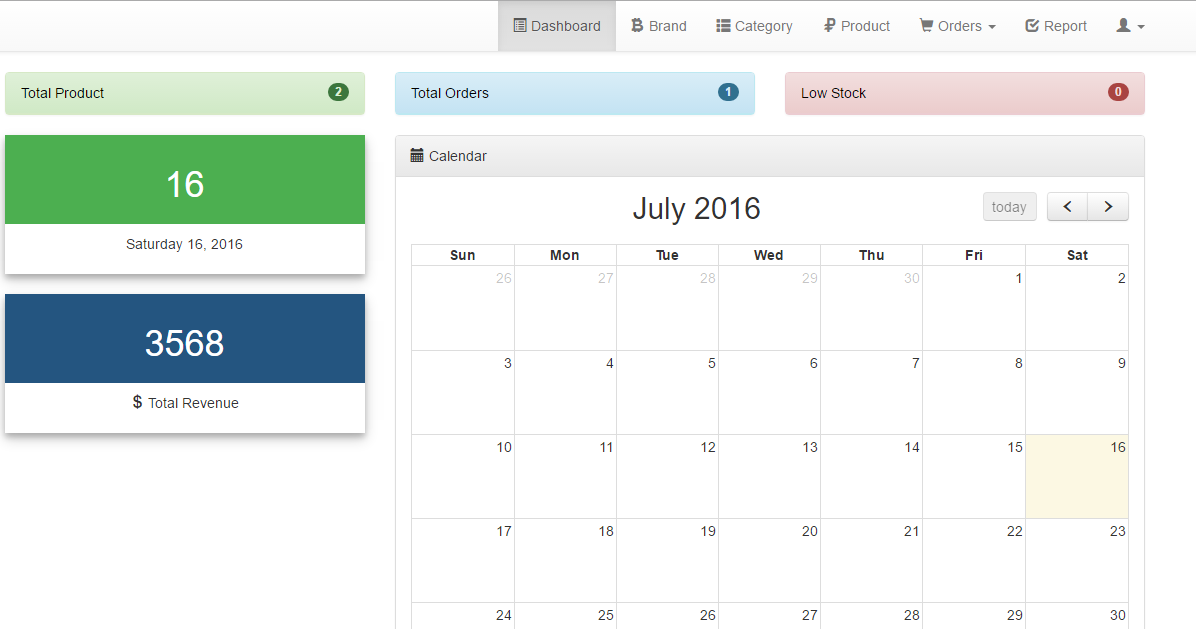


Figure Screenshots of Dashboard

### Manage Brands

#### Add Brand

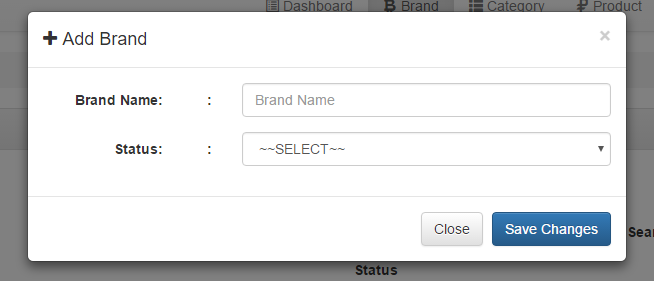


Figure Screenshots of Add Brand

#### Edit Brand

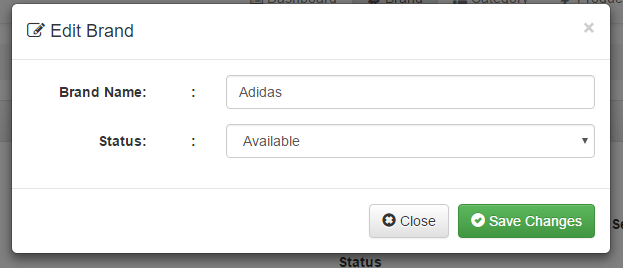


Figure Screenshots of Edit Brand

#### Remove Brand

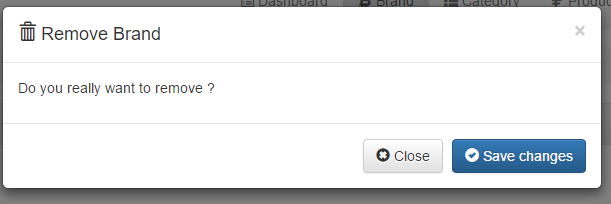


Figure Screenshots of Remove Brand

#### Display Brands

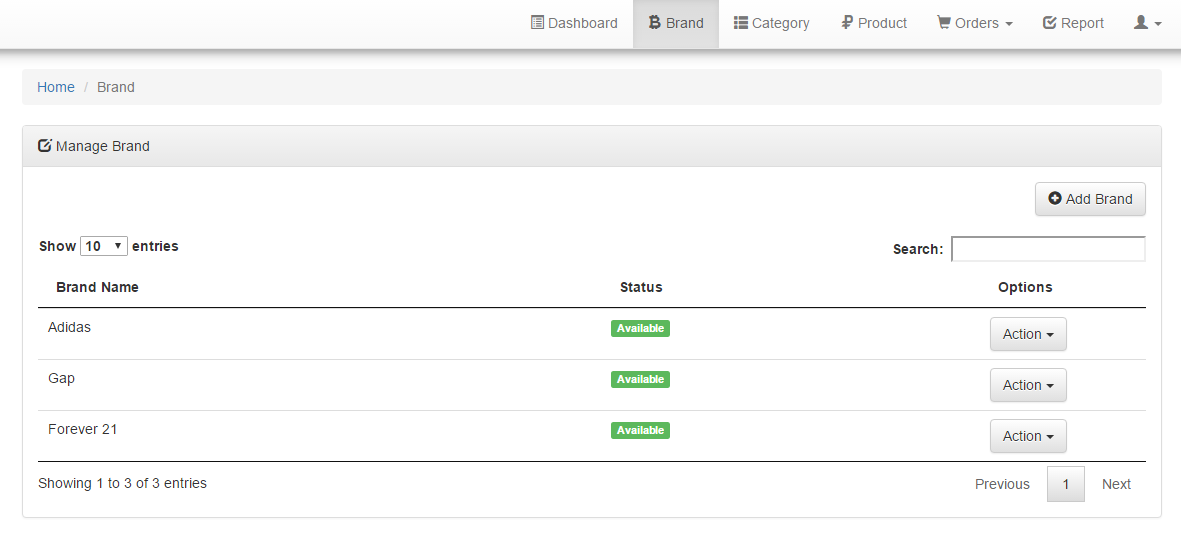


Figure Screenshots of Manage Brands

### Manage Category

#### Add Category

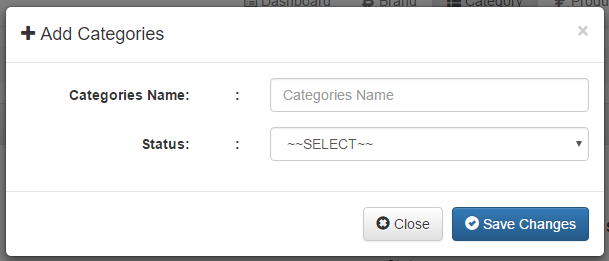


Figure Screenshots of Add Category

#### Edit Category

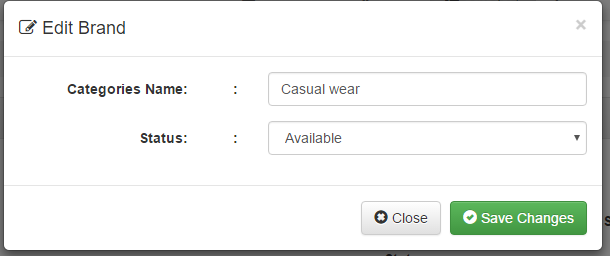


Figure Screenshots of Edit Category

#### Remove Category

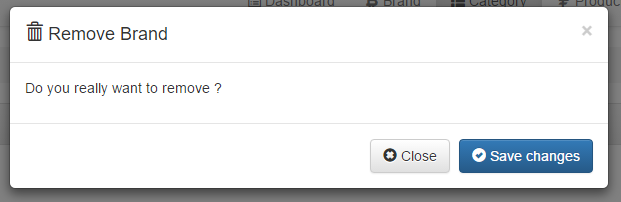


Figure Screenshots of Remove Brand

#### Display Category

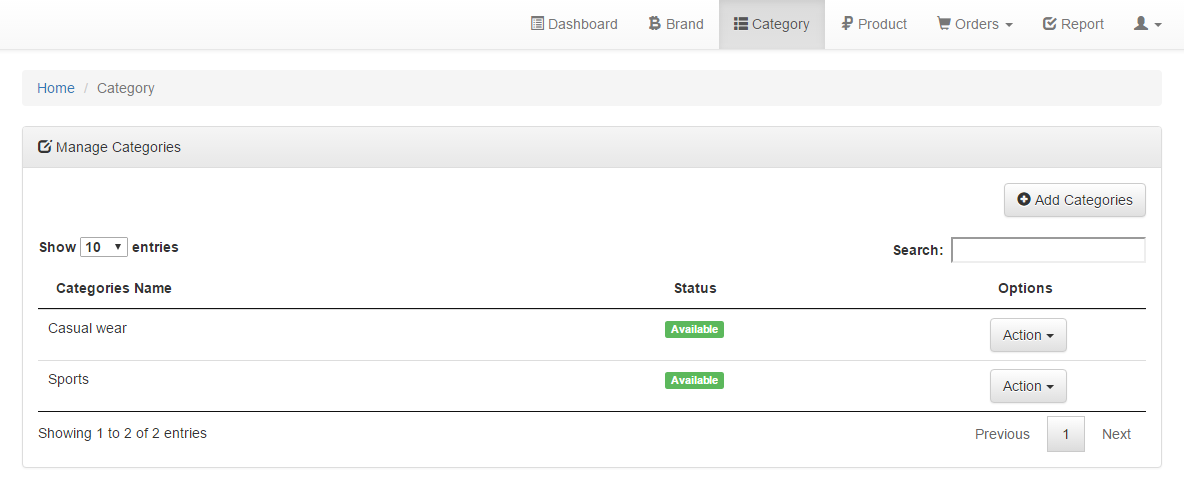


Figure Screenshots of Display Category

### Manage Products

#### Add Product

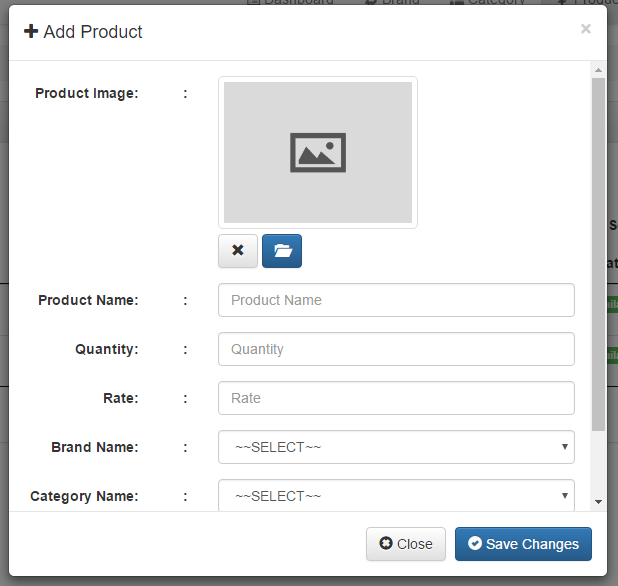


Figure Screenshots of Add Product

#### Edit Product

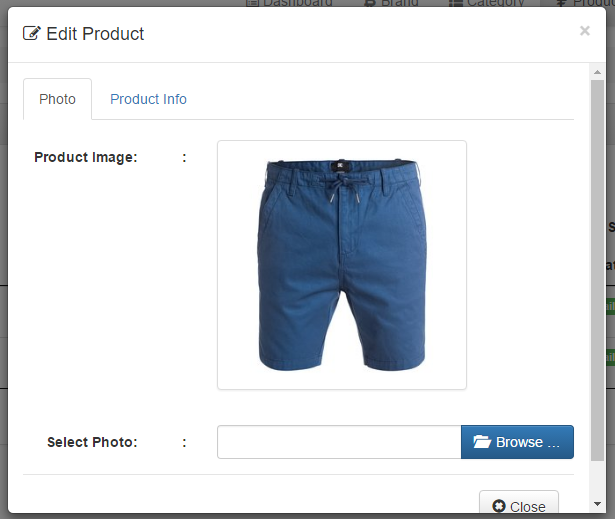


Figure Screenshots of Edit Product

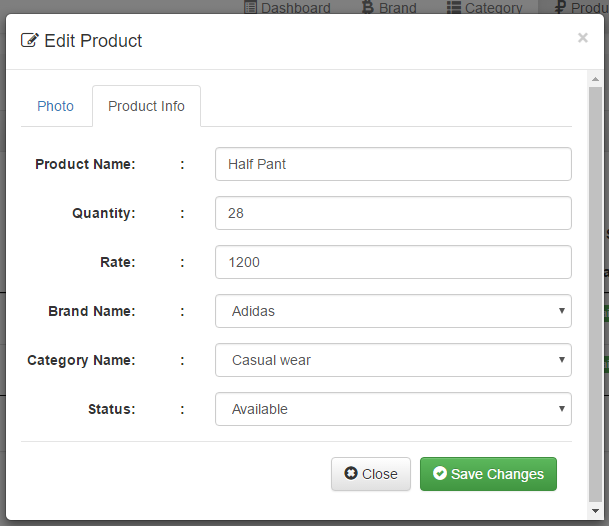


Figure Screenshots of Edit Product

#### Remove Product

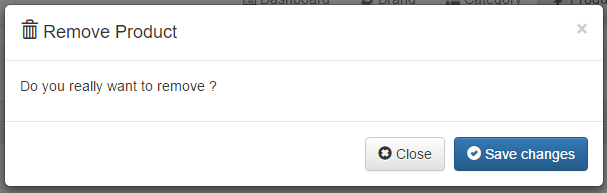


Figure Screenshots of Remove Product

#### Display Products

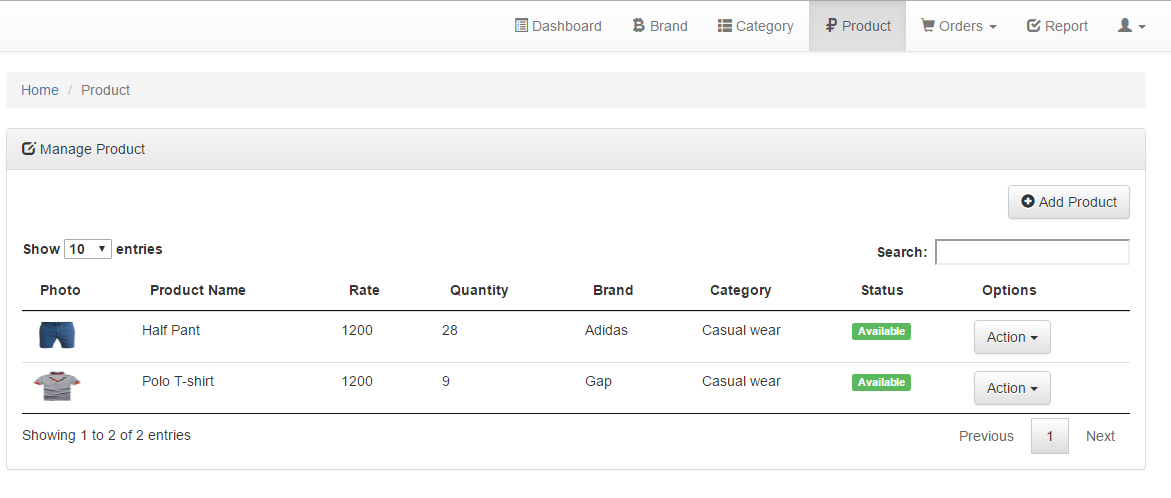


Figure Screenshots of Display Products

### Manage Orders

#### Add Orders

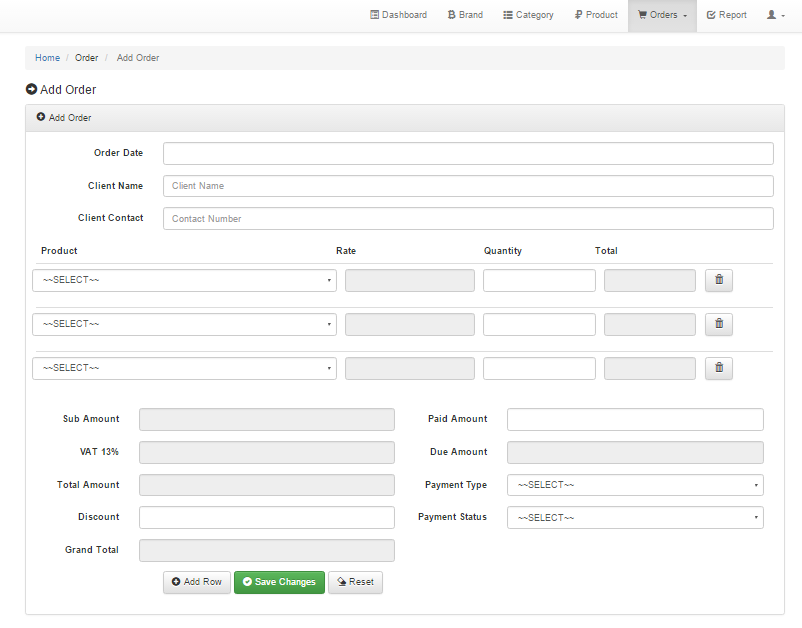


Figure Screenshots of Add Orders

#### Edit Orders

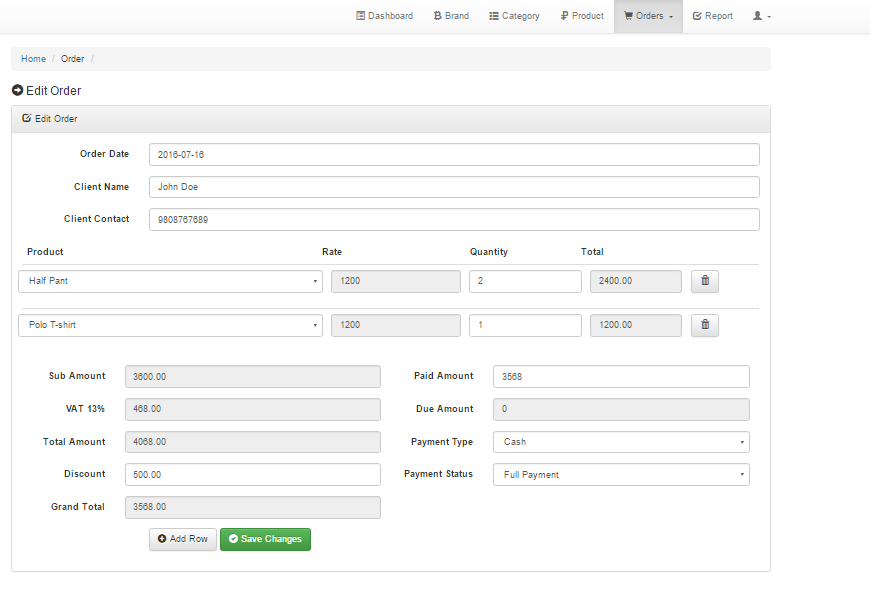


Figure Screenshots of Edit Orders

#### Remove Orders

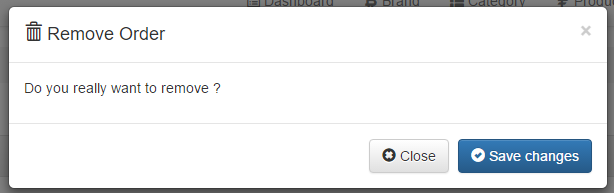


Figure Screenshots of Remove Orders

#### Display Orders

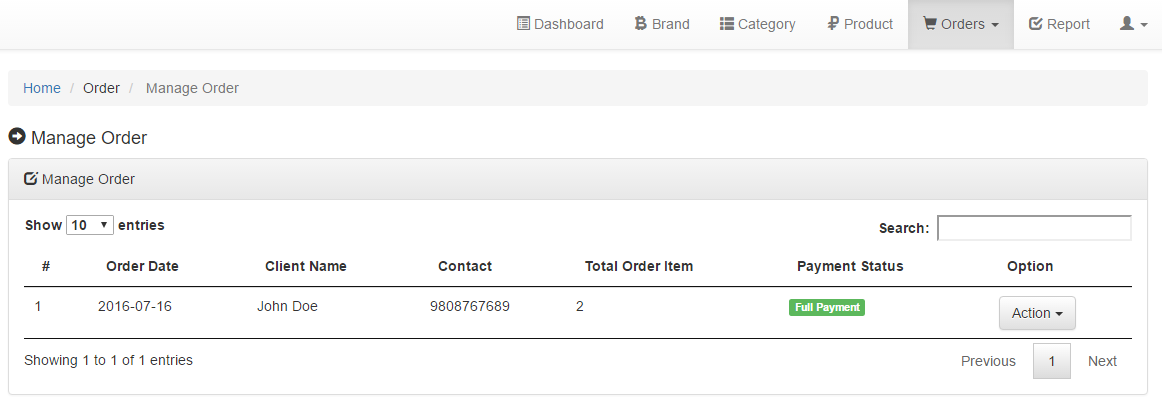


Figure Screenshots of Display Orders

### Generate Orders Report

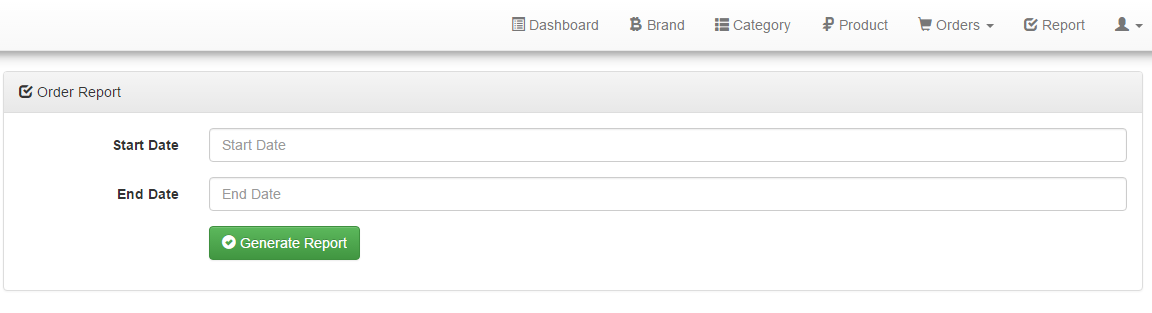


Figure Screenshots of Generate Report Form

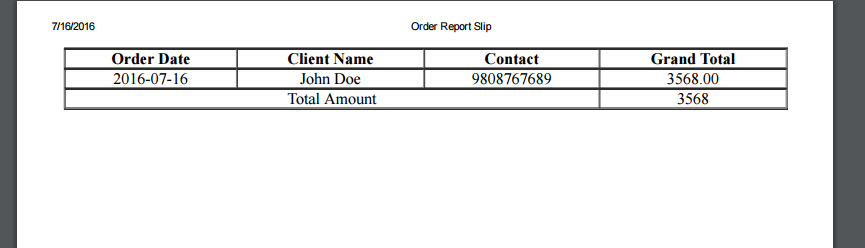


Figure Screenshots of Generate Report Layout

### Setting



Figure Screenshots of Setting

# References

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