

## <Online Clothing Shop>

### Software Process and Modeling

#### <Deliverable 1 >

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#### Project Team

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#### Work Distribution

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# Table of Contents

<b>1. INTRODUCTION</b>	<b>3,4</b>
1.1 project description	3
1.2 SCOPE	3,4
2 FUNCTIONAL REQUIREMENTS	4
3 REFERENCES TO SIMILAR PROJECTS	5
4 USE-CASE	5
4.1 USE CASE DIAGRAM	5,6
4.2 USE CASE DESCRIPTION	7,8
5 Class Diagram	9

## 1. Introduction:

### 1.1 project description:

Deep Colors Store is a company that owns clothing stores. The concept of the website is to allow customers to shop virtually using the internet and to buy items of their desire. The website processes the customer and the items are tracked and shipped to the address submitted by them. The website will be designed into two parts. The first part is for customers who wish to view, search or/and buy items. The other part concerns the storekeepers who maintain and update the items.

The website allows the customers to return the items after three days if they are not satisfied with them. The website should be secure in terms of

### 1.2 Scope:

Shops that provides an online portal where their customers can enjoy easy shopping from anywhere, shops won't be losing any more customers to the trending online shops. Since the website is available in the internet, it will be easily accessible for customers which will help us reach out for more customers and increase our profit.

## 2. Functional Requirements:

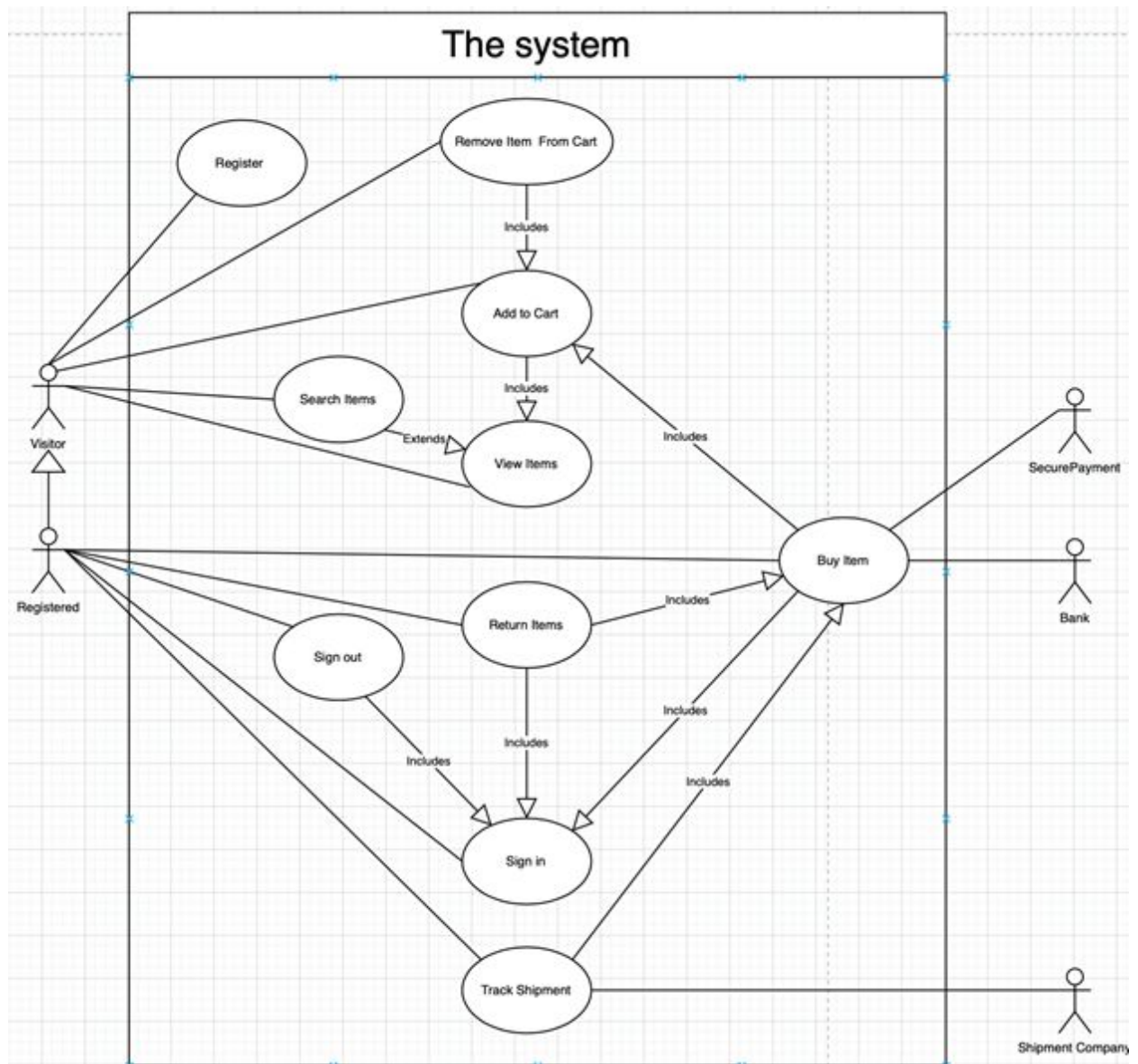
- 2.1 The system shall allow the user to register.
- 2.2 The system shall allow the user to sign in.
- 2.3 The system shall allow the user to sign out.
- 2.4 The system shall allow the employees to add items.
- 2.5 The system shall allow the employees to edit items.
- 2.6 The system shall allow the employees to remove items.
- 2.7 The system shall allow the user to view the items.
- 2.8 The system shall allow the user to add to the cart.
- 2.9 The system shall allow the signed in users to buy item/s.
- 2.10 The system shall allow the user to search for products.
- 2.11 The system shall allow the user to return items.
- 2.12 The system shall allow the user to remove items from the cart.
- 2.13 The system shall allow the user to track his shipments.

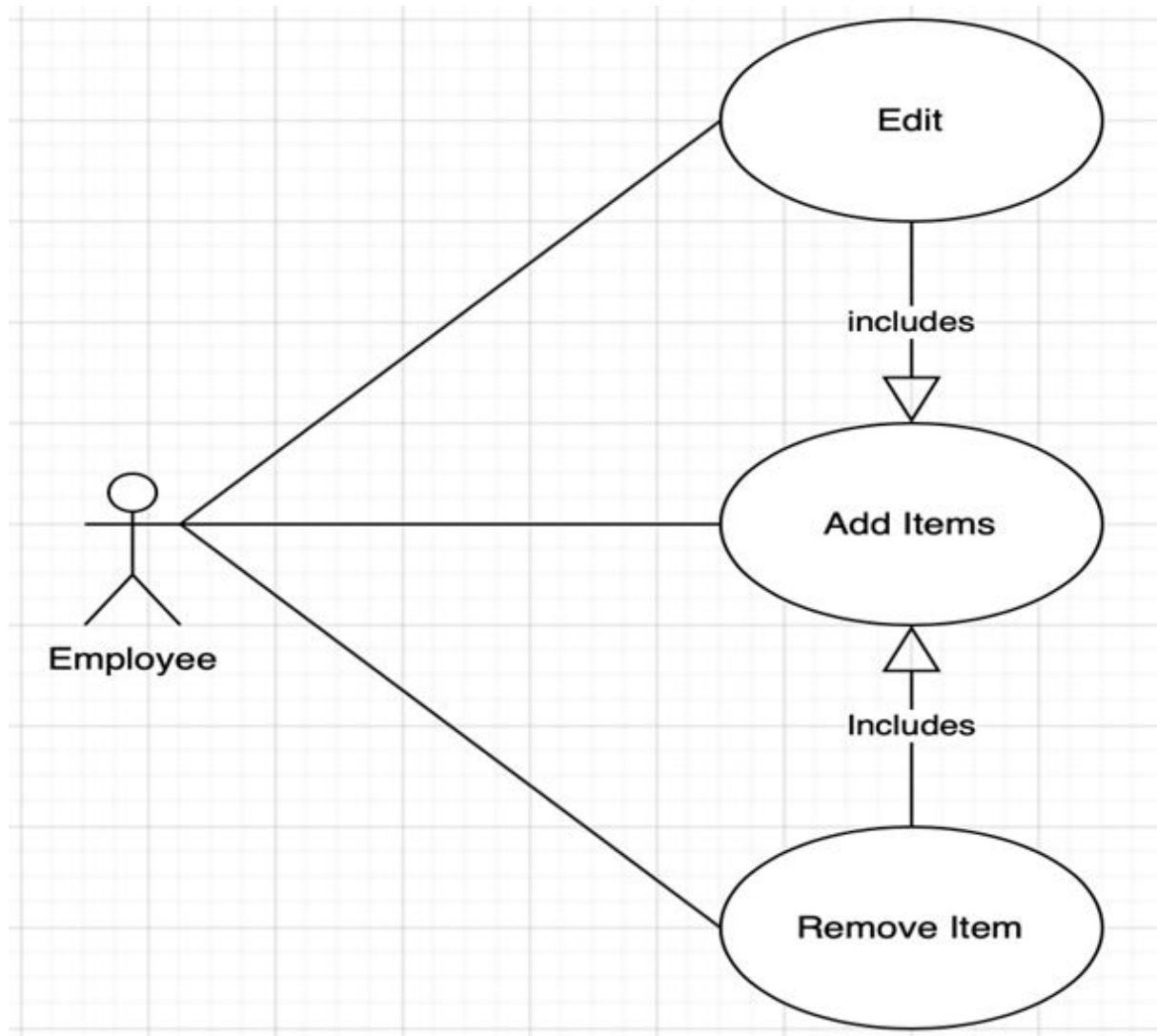
### 3. References to Similar Projects:

- 3.1 ar-sa.namshi.com – Online website, Recently arrived.
- 3.2 Shein.com – Online website

### 4. Use-Case:

#### 4.1 Use-Case Diagram:





#### 4.2 Use-Case Description:

Use Case Name: Buy Item.		ID Number: 7														
Importance Level: HIGH																
Short Description: allows the user to buy products from the store.																
Include: 1. Sign in    2.Add to Cart																
Primary actor(s): Registered User		Secondary actor(s): 1. SecurePayment 2. Bank														
Pre-condition: The user must be signed in.																
Major Inputs: <table border="1"> <thead> <tr> <th>Description</th> <th>Source</th> </tr> </thead> <tbody> <tr> <td>Payment Method.</td> <td>User</td> </tr> <tr> <td>Credit Card information.</td> <td>User</td> </tr> </tbody> </table>		Description	Source	Payment Method.	User	Credit Card information.	User	Major Outputs: <table border="1"> <thead> <tr> <th>Description</th> <th>Destination</th> </tr> </thead> <tbody> <tr> <td>Payment Status.</td> <td>Users</td> </tr> <tr> <td>Shipment Tracking Number.</td> <td>Users</td> </tr> <tr> <td>Bill.</td> <td>Users</td> </tr> </tbody> </table>	Description	Destination	Payment Status.	Users	Shipment Tracking Number.	Users	Bill.	Users
Description	Source															
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Bill.	Users															

<p>Major Steps Performed</p> <p>User</p> <p>1\ The user adds items to cart.</p> <p>2\ The user clicks on the checkout button.</p> <p>5\ The user chooses to pay in person.</p>	<p>System</p> <p>3\ The system displays the items and the price to the user.</p> <p>4\ the system asks the user to choose a payment method.</p> <p>6\ The system issues the bill and send it to the user through email.</p>	
<p>Alternative Flows:</p> <p>User</p> <p>5.1\ The user chooses to pay by credit card.</p> <p>7\ The user inputs his credit card information.</p> <p>9\ The user inputs the four digit code.</p>	<p>System</p> <p>6.1\ The system asks the user to input his credit card information.</p> <p>11\ The system issues the bill and send it to the user through email.</p>	<p>Bank</p> <p>8\ Bank will verifcat the data and send four digits code to the user.</p> <p>10\ The bank will check if there is enough balance.</p>
<p>Conclusion: The user receives the bill through his email.</p>		
<p>Post-condition(s): the cart gets cleared.</p>		



## 5. Class Diagram:

