**Detailed Software Technical Design (DSTD)**

**For**

VYNTRAMART

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**Document Revisions**

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**Document Revisions**

# Introduction

* 1. ***Purpose***

The objective of VyntraMart is to provide easy assistance to both the customer as well as the supplier with proper database and information.

* 1. ***Scope***

This application recommends a facility to accept the orders 24\*7 and a home delivery system which can make customers happy. It helps the user to know about the trends in the market.

* 1. ***Definitions, Acronyms and Abbreviations***

**Abbreviations**

ID – Identity number

PhNo-Phone number

**Definitions**

**Customer**– The customer reviews about the brand of clothes that are being available in product details and purchase the product through payment gateway. Each user has a User ID.

**Supplier**– Supplier add the stocks of various kinds of clothes of different brands using

Seller ID.

**Category**– It is the list that consist of all kinds of products.

**Administrator** – The entire system is being managed by the administrator.

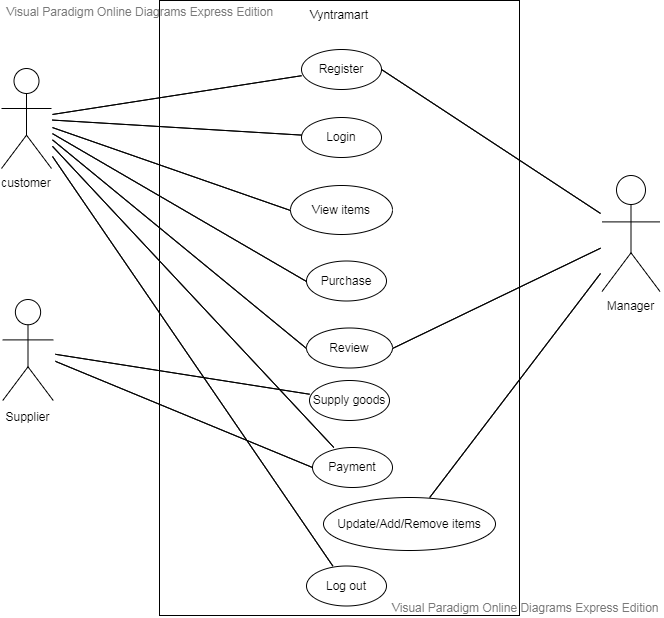
**Payment gateway** – This is a kind of zone where the entire purchase payment takes place

# Assumptions

* Assuming that customers get attracted with brands and price.
* Assuming that customers are interested in secure shopping.
* Assuming that customers will purchase products after looking into the feedback.

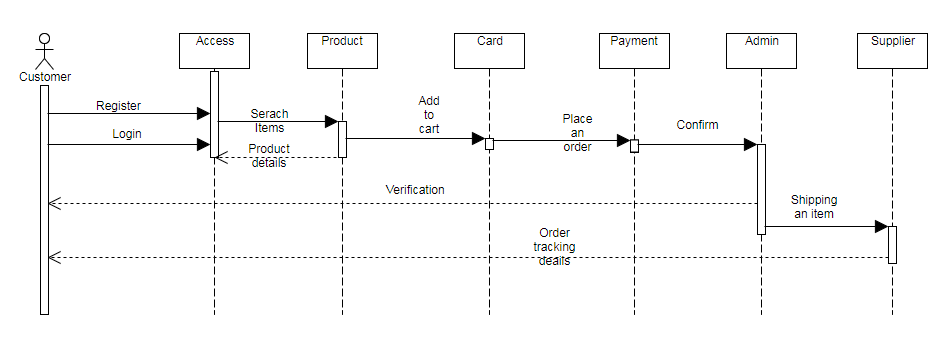
# Project Overview and Use Case Diagrams

* Any customer can register and view available products.
* Only registered customers can purchase multiple products regardless of quantity.
* There are three roles available: Visitor, User and Admin.
* Users can view and purchase products.
* Supplier supplies goods and payment will be received from Admin.
* An Admin has some extra privileges including all privileges of visitor and user.
* Admin can add products, edit product information and add/remove product.
* Admin can add users, edit user information and can remove users.
* Admin can ship orders to users based on order placed by sending confirmation mail.

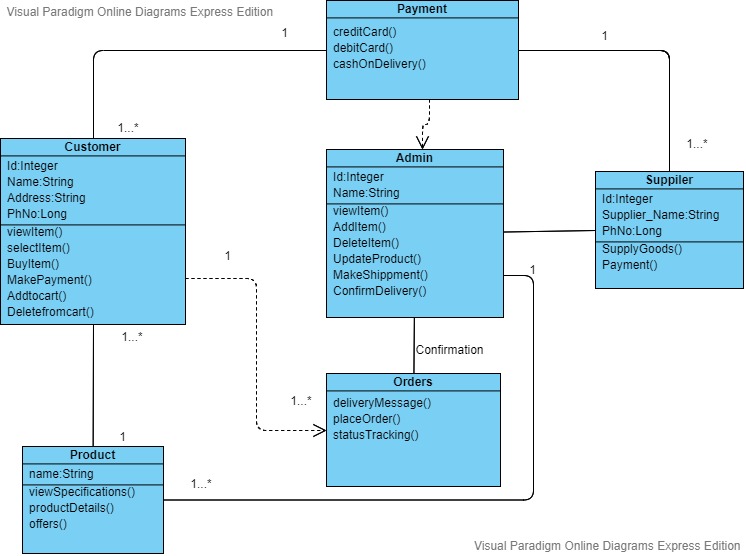


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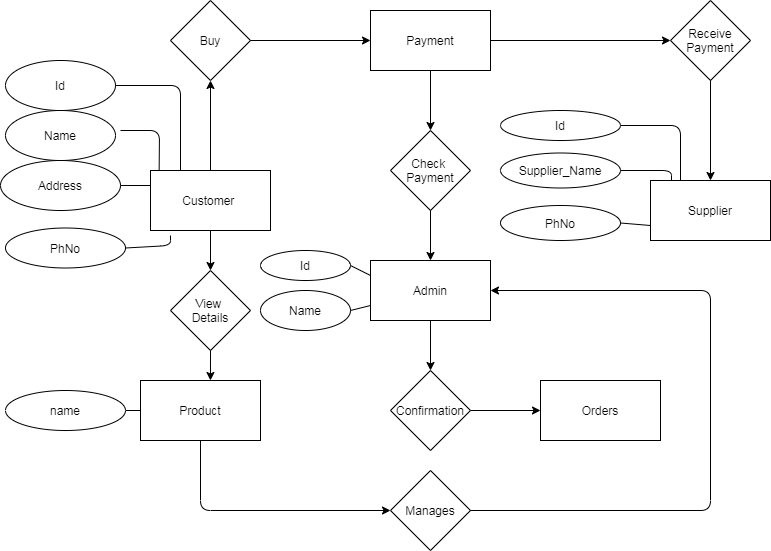
**4 Sequence diagram:**

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#### 5 Class Design

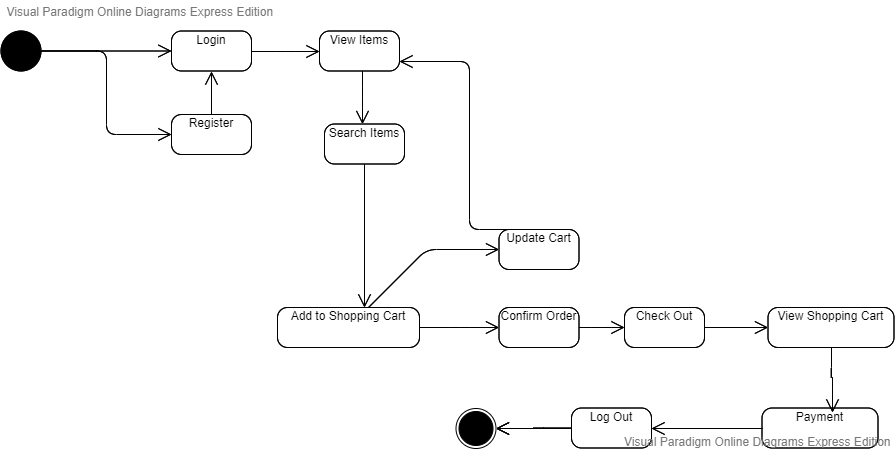
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**6 Entity Relationship Diagram**



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***7 State Chart Diagram***

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