

OneClicQ

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Chapter 1

INTRODUCTION

OneClicQ is an E-Commerce site for retailers to make their product at high reach within the system and for the customers who can search the product within the system very quickly. The customers can earn DQ coins after every purchase done within the system. OneClicQ, the place to find the best products for every taste and occasion. Working only with reliable suppliers so that you only receive the best quality product. The features that are provided in the proposed system are choosing products faster and easier way in one place. Saving time by traveling to the vendor/seller's place. Good/Trusted products are provided.

1.1 Objective

- The objective of the OneClicQ is to handle all the regional retailing shops and any random seller online.
- The system will generate the customer and order reports.
- The system will keep the information of the customers and the products.
- The system contains database where all the information will be stored safely.

Chapter 2

SYSTEM ANALYSIS

2.1 Existing System

OneClicQ is a startup company based on E-commerce which will provide selling of certain categories such as Mobile & Accessories, Laptop, and Computers, Electronic & Applications, Men's Wardrobe, Womens Wardrobe, Kids Fashion, Home & Kitchens, Beauty Products, Sports, Automobile Accessories & Spare parts, Grocery items, and a certain category will be added such as pathayapura products which are Kudumbashree's products developed in all over Kerala.

2.2 Proposed System

The system is fully handled by the admin in the case of giving a right to the vendors for adding the products or adding offers to the product or being a member of the system. Whenever a product is purchased by the customer the admin will collect the payment and then after admin will cut off his commission and payback to the vendors. The commission is based upon the categories which the admin can decide how much he wants from certain products. Sometimes for making the site reach high the admin can apply the discount to the products which the admin has to suffer the loss, not the vendors will get the amount for how much they publish on the site. The commission for the admin is based on the categories. This system will allow a wide range of categories to be added.

The discounts for the customers are percentage-based, price-based, and bulk purchase. The customers can earn the coins by purchasing goods from the site every 150 Rupees purchase can make the customers earn 2 DQ points(75 rupees purchase = 1 DQ is not possible). The generated DQ points can be used for purchasing anything from the site and no such validity is been there for DQ coins the coins will never expire it will be in the customer's account for lifelong. The admin can generate the reports on basis of customers where the vendors can generate the order reports and customer reports.

2.3 Module Description

2.3.1 Admin

The admin module has the main role over the system. The admin will permit the vendors for being a member of the system. The admin will approve or might reject the product which will be added by the vendors. The admin will approve or reject the offer provided by the vendors to certain products. All the rejected application, product, offers remains in the pending list. The admin can generate the report based on order and customers.

2.3.2 Vendors

The module vendors will first register into the system after getting approval from the admin and then the vendors can add the products based on the categories to the system. The products must get approval from the admin before publishing in into the system. The vendors can add the offers to the products which will be also examined by the admin and will decide to give permission or not. The rejected application, products, offers will be in pending list of the admin so if the vendors does any changes over application, products, offers then the vendors should notify the admin once again. The vendors can generate the reports based on customers and orders.

2.3.3 Customers

The customers can directly enter the system without registering. The customers can find the products, can view the product based on price, and can purchase the products by adding them to the wishlist. After every purchase, the customers will earn DQ points which can be used later in the future purchase, and at the time of purchasing the product, the customers need to register to the system. The generation of the DQ coin and how it can be used are shown below:

1. Points can be used as cash or a discount on orders. Customers can earn points through purchasing items.
2. Points have a validity period corresponding to the way in which they are earned.
3. Register to a member of DailyCliQ will get = 5 points
4. Every purchase of 150 Rupees = 2 DQ points.
5. DQ points will never expire.
6. Points will be added to your account balance after your order has been delivered.

2.4 Feasibility Study

Preliminary investigation examine project feasibility, the likelihood the system will be useful to the organization. The main objective of the feasibility study is to test the Technical, Operational and Economical feasibility for adding new modules and debugging old running system. There are aspects in the feasibility study portion of the preliminary investigation:

- Technical Feasibility
- Operation Feasibility
- Economical Feasibility

2.4.1 Operational Feasibility

Operational feasibility is a measure of how well a proposed system takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development operational. In the proposed system the admin will control the whole system the vendor will be under the admin, only performing any action towards the system after getting the approval. And the admin will easily manage the vendors and users the vendors can add the products easily and user can search the products from the search bar easily hence it is operationally feasible.

2.4.2 Technical Feasibility

The system is technically feasible since there will not be much difficulty in getting the required resources for maintaining the system as well. All the resources needed for the maintenance of the system available in the organization. In the proposed system the data managing and monitoring is all in a single web portal for admin, vendors, and customers. The admin, vendors, and customers will use Desktop with a web browser which is commonly available nowadays, with lower configuration. So the proposed system is more technically feasible.

2.4.3 Economical Feasibility

The system is highly economically feasible. The economical feasibility determines that the admin, vendors, & customers needs a system with a browser and internet. The system is economically feasible. It does not require any addition hardware or software. Since the interface for this system is developed using the existing resources and technologies which is already available, There is nominal expenditure and economical feasibility for certain..

2.5 System Environment

2.5.1 Hardware Requirements

1. Processor : Intel Core i3 and Above
2. RAM : 4GB
3. Storage : 500GB Hard Disk

2.5.2 Software Requirements

1. Operating System: Windows 10
2. Front end : Php(Laravel Framework)
3. Back end: My SQL
4. IDE: Visual Studio

2.5.3 User Requirements

1. Desktop (With Browser & Internet Connection)

2.6 Actors and Their Roles

2.6.1 Admin

1. Sign in to the system.
2. Approve/reject the application form of vendors.
3. Approve/reject the products added by the vendors.
4. Approve/reject the offers added to the products by the vendors.
5. Admin will get a notification from the rejected task such as vendor's application forms, products, and offers.
6. Admin can generate the reports of customers.

2.6.2 Vendors

1. Registering to the system.
2. Login to the system.
3. Sending notification regarding rejected task such as application forms, products, and offers.
4. Adding the products based on categories.
5. Adding the offers to the products.
6. Generating the reports based on customers.
7. Generate the reports based on orders.

2.6.3 Customers

1. View the System.
2. Search the product from the system.
3. Compare the product in basis of price within the system.
4. Add the product in to wishlist.
5. Registration to the system.
6. Earning DQ coins after every purchase and the time of registering to the system.

Chapter 3

METHODOLOGY

3.1 Introduction

This project follows Agile methodology. Agile software development comprises various approaches to software development under which requirements and solutions evolve through the collaborative effort of self organizing and cross functional teams and their customers/end users. It advocates adaptive planning, evolutionary development, early delivery and continuous improvement and it encourage rapid and flexible response to change.

3.2 Uml Diagrams

3.2.1 Activity Diagram

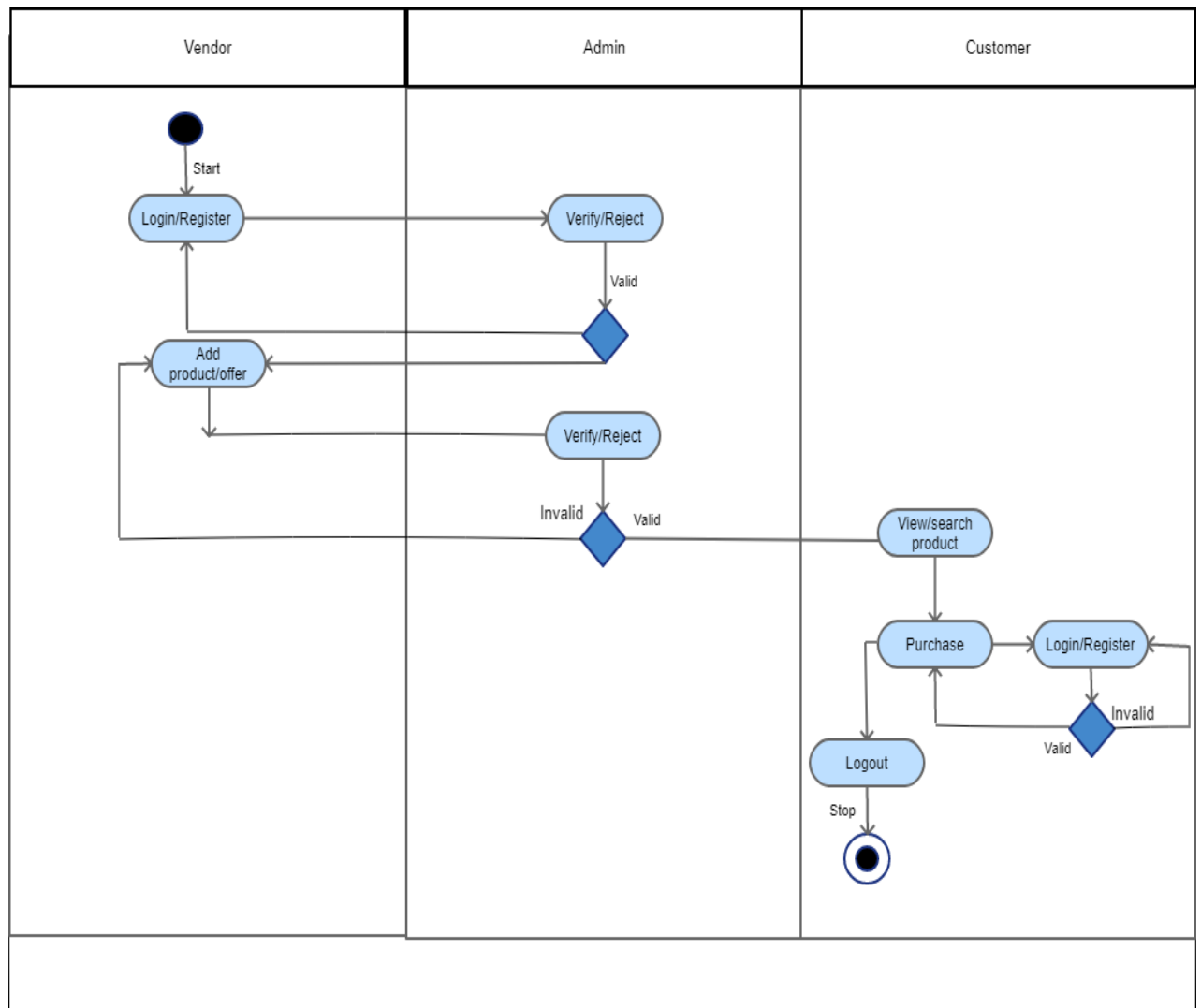


Figure 3.1: Admin, Vendor, Customer's Activity Diagram

3.2.2 Class Diagram

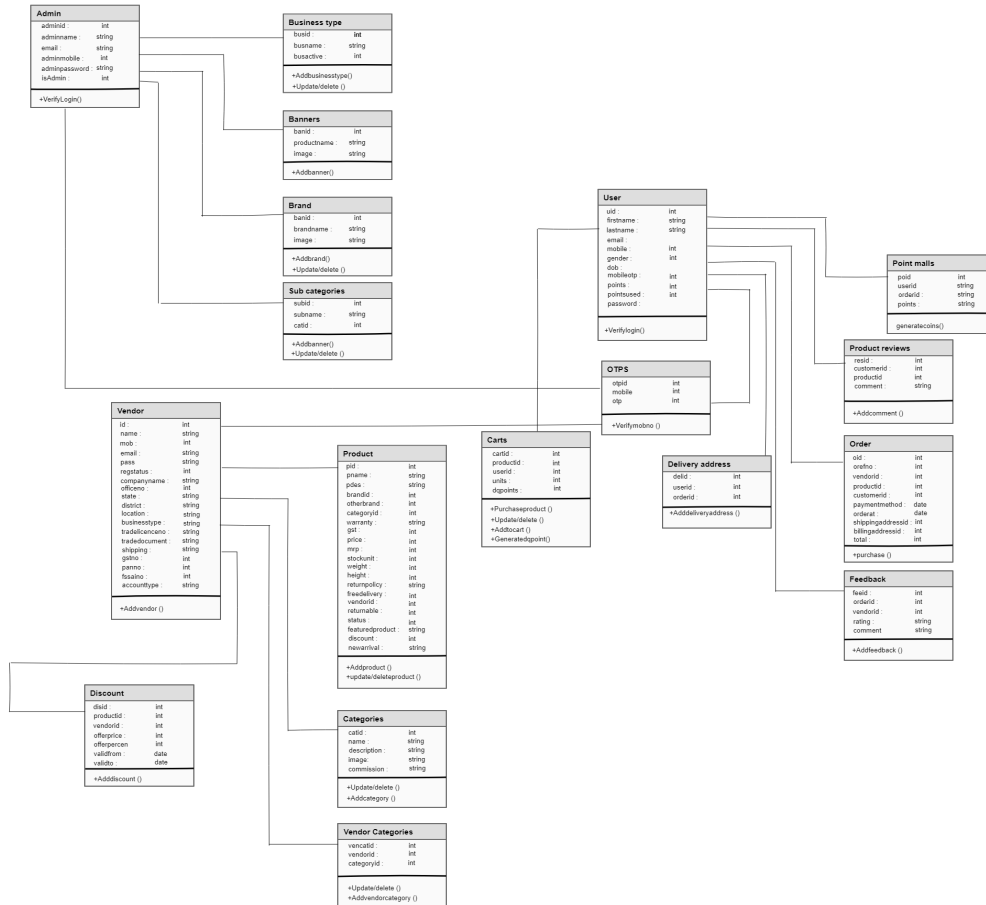


Figure 3.2: Class diagram of Admin, Vendor, Customer's

3.2.3 Use Case Diagram

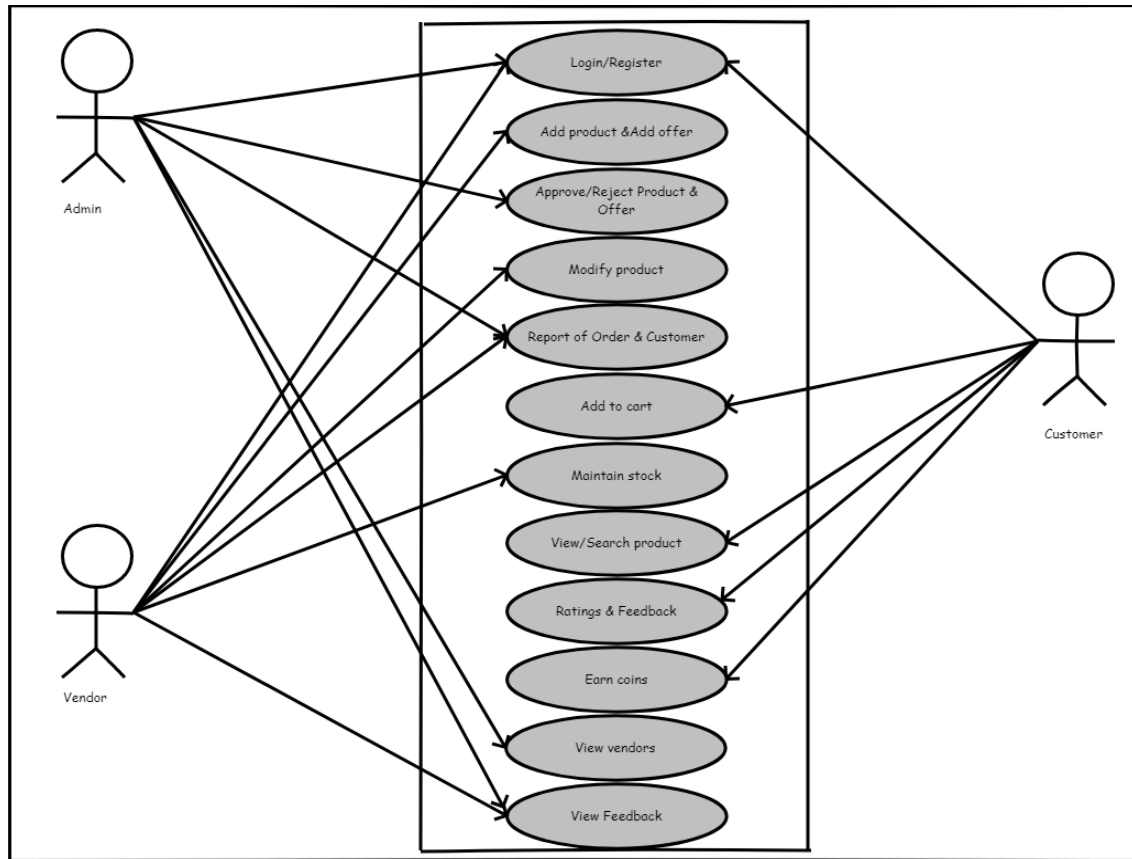


Figure 3.3: Use Case Diagram of Admin, Vendor and Customer

3.3 User Story

User story ID	As a <Type of Users >	I want to <Perform some task >	So that I can <Achieve some goal >
1	Admin	Login	Access to the system.
2	Admin	Home page	Home pages for admin.
3	Vendor	Login	Vendor login in to the system.
4	Vendor	Registering	Vendor registering in to the vendor's portal the registered information will be provided to admin.
5	Admin	Approve/ Reject the vendor registration	The approval of vendor's registration or rejecting the vendor's registration will be performed by the admin.
6	Admin	Add category	Admin adding the category.
7	Admin	Delete/Update category	Admin performing deletion or updation over category.
8	Admin	Add Sub category	Admin adding sub category based on category.
9	Admin	Delete/Update sub category	Admin performing deletion or updation over sub category.
10	Admin	Add Business type	Admin adding Business types.

User story ID	As a <Type of Users >	I want to <Perform some task >	So that I can <Achieve some goal >
11	Admin	Delete/Update business type	Admin performing deletion or updation over Business types.
12	Admin	Add Brand	Admin adding Brand.
13	Admin	Delete/Update Brand	Admin performing deletion or updation over brand.
14	Vendor	Add products to the system based on categories.	Now the vendor will add the product to the system based on the categories after getting the approval from the admin.
15	Admin	Approve/Reject the product.	The product added by the vendor now will be transfer to the admin side for the approval of placing the product in the site.
16	Admin	View the pending product.	Viewing the rejected product.
17	Admin	View the approved product.	Viewing the approved product.
18	Vendor	Delete the product.	Deletion action over the added products.
19	Vendor	Update the product.	Updation performing over the added products.
20	Vendor	Add offer	Adding offer to the products based on certain occasion.

User story ID	As a <Type of Users >	I want to <Perform some task >	So that I can <Achieve some goal >
21	Admin	Allow/ Reject the offer	If an offer is not valid then the admin can reject that offer.
22	Admin	View approved offer	Viewing the approved offer.
23	Admin	Rejected offer	Viewing the rejected offer.
24	Customers	Login	Customers login into the system either register to the system.
25	Customers	Login	Customers register to the system.
26	Customers	View	View the product on the basis of categories.
27	Customers	Search	Searching the product.
28	Customers	Add to cart	Purchasing the product will redirect the add to cart page.
29	Customers	Rating	Giving rating with feedback to the product.
30	Admin	Rating	Viewing the feedback related to the product.
31	Admin	Rating	Viewing the feedback related to the product.
32	Customer	Earn coin	The Customers can earn coins on basis of purchasing goods from the system.
33	Vendor	Manage order	Managing the order details(Report generation)
34	Admin	Manage user	Managing the user details(Report generation)
35	Admin	Manage order	Managing the order details(Report generation)

3.4 Product Backlog

USER STORY ID	PRIORITY (LOW,HIGH, MEDIUM)	SIZE	SPRINT	STATUS (PLANNED, PRO-GRESSED, COM-PLETED)	RELEASE DATE	RELEASE GOAL
1	HIGH	6	1	Completed	23-03-2021	Home Page for Admin, customer and vendor
2	HIGH	5		Completed	25-03-2021	Access to the system
3	HIGH	10		Completed	28-03-2021	Vendor registering in to the vendor's portal
4	HIGH	7		Completed	31-03-2021	Approval of vendor's registration
5	HIGH	10		Completed	2-04-2021	Add the product to the system based
6	HIGH	9		Completed	3-04-2021	Approval of product
7	LOW	8	2	Completed	06-04-2021	Deletion or updation over product
8	HIGH	6		Completed	08-04-2021	Adding offer to the products.
9	High	8		Completed	10-04-2021	Allow/ Reject the offer
10	HIGH	6		Completed	12-04-2021	Customers earn coin
11	HIGH	7		Completed	15-04-2021	Customers login into the system.

Table 3.1: Product Backlog

USER STORY ID	PRIORITY (LOW,HIGH, MEDIUM)	SIZE	SPRINT	STATUS (PLANNED, PRO-GRESSED, COM-PLETED)	RELEASE DATE	RELEASE GOAL
12	MEDIUM	9	3	Completed	20-04-2021	View/Searching the product on the basis of categories.
13	HIGH	9		Completed	23-4-2021	Purchasing the product will redirect the add to cart page.
14	HIGH	5		Completed	25-04-2021	Giving rating with feedback to the product.
15	HIGH	6		Completed	29-04-2020	Managing the order de-tails(Vendor)
16	HIGH	6		Completed	01-05-2021	Managing the user de-tails(Admin)
17	HIGH	5		Completed	03-05-2021	Managing the order de-tails(Admin)

Table 3.2: Product Backlog

3.5 Sprint Backlog

Backlog items	Completion date	Original estimated hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
			23/03/21	25/03/21	28/04/21	31/04/21	02/04/21	03/04/21	06/04/21	08/04/21	10/04/21	12/04/21
User story 1												
Form design	23/03/21	2	2									
Table creation	23/03/21	2	2									
Coding	23/03/21	3	3									
Testing	23/03/21	1	1									
User story 2												
Form design	25/03/21	2		2								
Table creation	25/03/21	2		2								
Coding	25/03/21	3		3								
Testing	25/03/21	1		1								
User story 3												
Form design	28/04/21	3			3							
Table creation	28/04/21	2			2							
Coding	28/04/21	5			5							
Testing	28/04/21	1			1							
User story 4												
Form design	31/04/21	2				2						
Table creation	31/04/21	1				1						
Coding	31/04/21	3				3						
Testing	31/04/21	1				1						

User story 5												
Form design	02/04/21	2					2					
Table creation	02/04/21	1					1					
Coding	02/04/21	4					4					
Testing	02/04/21	1						1				
User story 6												
Form design	03/04/21	2						2				
Table creation	03/04/21	1						1				
Coding	03/04/21	4							4			
Testing	03/04/21	1							1			
User story 7												
Form design	06/04/2021	2								2		
Table creation	06/04/2021	1								1		
Coding	06/04/2021	4								4		
Testing	06/04/2021	1									1	
User story 8												

User story 8												
Form design	08/04/2021	2										2
Table creation	08/04/2021	1										1
Coding	08/04/2021	5										
Testing	08/04/2021	1										
User story 9												
Form design	10/04/2021	2										
Table creation	10/04/2021	1										
Coding	10/04/2021	4										
Testing	10/04/2021	1										
User story 10												
Form design	12/04/2021	2										
Table creation	12/04/2021	1										
Coding	12/04/2021	4										
Testing	12/04/2021	1										

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Backlog items	Completion date	Original estimated hours	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
			15/04/21	20/04/21	23/04/21	25/04/21	29/04/21	01/05/21	03/05/21
User story 11									
Form Design	15/04/21	2	2						
Table creation	15/04/21	1	1						
Coding	15/04/21	4	4						
Testing	15/04/21	1		1					
User story 12									
Form Design	20/04/21	2		2					
Table creation	20/04/21	2		1					
Coding	20/04/21	5			5				
Testing	20/04/21	1			1				
User story 13									
Form Design	23/04/21	3			3				
Table creation	23/04/21	2			2				
Coding	23/04/21	5				5			
Testing	23/04/21	1				1			

User story 14									
Form Design	25/04/21	2				2			
Table creation	25/04/21	1					1		
Coding	25/04/21	3					3		
Testing	25/04/21	1					1		
User story 15									
Form Design	29/04/21	2					2		
Table creation	29/04/21	1					1		
Coding	29/04/21	4					4		
Testing	29/04/21	1					2		
User story 16									
Form Design	01/05/21	2					3		
Table creation	01/05/21	1					2		
Coding	01/05/21	4						5	
Testing	01/05/21	1						1	
User story 17									
Form Design	03/05/21	2						2	
Table creation	03/05/21	1						1	
Coding	03/05/21	4						4	
Testing	03/05/21	1							1

Figure 3.4: Sprint Backlog

3.6 Database Design

3.6.1 Admin

Foreign key

No.	Name	Type	Constraints	Description
1	adminid	int(20)	Primary key	Id no
2	adminname	Varchar(80)	Not Null	Name of admin
3	email	Varchar(100)	Not Null	Email-Id of admin
4	adminmobile	varchar(20)	Not Null	Mobile no of admin
5	adminpassword	varchar(100)	Not Null	Password of admin
6	isAdmin	tinyint(1)	Not Null	To check whether admin or not

Table 3.3: Table of Admin

3.6.2 Banners

No.	Name	Type	Constraints	Description
1	banid	int(11)	Primary key	Product's id
2	productname	varchar(100)	Not Null	Product's name
3	image	varchar(100)	Not Null	Product's image

Table 3.4: Table of Banners

3.6.3 Brands

No.	Name	Type	Constraints	Description
1	brandid	bigint(20)	Primary key	Brand id
2	brandname	varchar(255)	Not Null	Image of brand
3	brandlogo	varchar(250)	Not Null	Logo of brand

Table 3.5: Table of Brands

3.6.4 Business types

No.	Name	Type	Constraints	Description
1	busid	bigint(20)	Primary key	Business type's id
2	busname	varchar(50)	Not Null	Business type's name
3	busactive	tinyint(1)	Not Null	To check wether business type is active or not

Table 3.6: Table of Business types

3.6.5 Carts

No.	Name	Type	Constraints	Description
1	catid	bigint(20)	Primary key	Cart's id
2	productid	bigint(20)	Foreign key	Product's id
3	userid	bigint(20)	Foreign key	User's id
4	units	int(11)	Not Null	Number of product
5	dqpoint	varchar(55)	Not Null	Dairy Queen points

Table 3.7: Table of Carts

3.6.6 Categories

No.	Name	Type	Constraints	Description
1	catid	bigint(20)	Primary key	Category's id
2	name	varchar(200)	Not Null	Category name
3	description	varchar(200)	Not Null	Category Description
4	image	varchar(510)	Not Null	Category image
5	commission	varchar(150)	Not Null	Commision for admin based on product

Table 3.8: Table of Categories

3.6.7 Sub categories

No.	Name	Type	Constraints	Description
1	id	bigint(20)	Primary key	Sub Category's id
2	name	varchar(200)	Not Null	Sub Category name
3	category id	bigint(20)	Foreign key	Category id

Table 3.9: Table of sub Categories

3.6.8 Delivery addresses

No.	Name	Type	Constraints	Description
1	delid	int(20)	Primary key	Delivery address's id
2	userid	bigint(20)	Foreign key	Customer's id
3	orderid	bigint(20)	Foreign key	Order's id

Table 3.10: Table of Delivery Address

3.6.9 Discounts

No.	Name	Type	Constraints	Description
1	disid		Primary key	Discount's id
2	productid	bigint(20)	Foreign key	Product's id
3	vendorid	bigint(20)	Foreign key	Vendors's id
4	offerprice	double	Not Null	Offer price
5	offerpercentage	double	Not Null	Offer percentage
6	validfrom	datetime	Not Null	Validity from
7	validto	datetime	Not Null	Validity to

Table 3.11: Table of Discounts

3.6.10 Feedback

No.	Name	Type	Constraints	Description
1	feedid	int(11)	Primary key	Feedback's id
2	orderid	bigint(20)	Foreign key	Order's id
3	vendorid	bigint(20)	Foreign key	Vendor's id
4	rating	decimal(12,6)	Not Null	Rating
5	comment	text	Not Null	Comments

Table 3.12: Table of Feedback

3.6.11 Orders

No.	Name	Type	Constraints	Description
1	oid	bigint(20)	Primary key	Order's id
2	orderrefnumber	varchar(500)	Not Null	Order reference number
3	vendorid	bigint(20)	Foreign key	Vendor's id
4	productid	bigint(20)	Foreign key	Product's id
5	customerid	bigint(20)	Foreign key	Customer's id
6	paymentmethod	bigint(20)	Not Null	Payment methods
7	orderat	timestamp	Not Null	When was order placed
8	shippingaddressid	bigint(20)	Not Null	Shipping address id
9	billingaddressid	bigint(20)	Not Null	Billing address id
10	total	decimal(15,8)	Not Null	Total amount

Table 3.13: Table of Orders

3.6.12 OTPS

No.	Name	Type	Constraints	Description
1	otpid	bigint(20)	Primary key	OTP's id
2	mobile	varchar(191)	Not Null	Mobile no to which otp is send
3	otp	varchar(191)	Not Null	OTP number

Table 3.14: Table of OTP

3.6.13 Point Malls

No.	Name	Type	Constraints	Description
1	id	bigint(20)	Primary key	Point's id
2	userid	bigint(20)	Foreign key	User's id
3	orderid	bigint(20)	Foreign key	orderid
4	points	int(50)	Not Null	Points

Table 3.15: Table of Point Malls

3.6.14 Vendor

No.	Name	Type	Constraints	Description
1	id	int(10)	Primary key	Vendor's id
2	name	varchar(25)	Not Null	Vendor's name
3	mob	varchar(25)	Not Null	Vendor's mobile no
4	email	varchar(25)	Not Null	Vendor's email
5	pass	varchar(25)	Not Null	Vendor's password
6	regstatus	varchar(25)	Not Null	Vendor's registration status
7	companyname	varchar(25)	Not Null	Vendor's company name
8	officeno	int(10)	Not Null	Vendor's office no
9	state	varchar(25)	Not Null	Vendor's state
10	district	varchar(25)	Not Null	Vendor's district
11	location	varchar(25)	Not Null	Vendor's location
12	businesstype	varchar(25)	Not Null	Vendor's business type
13	tradelicenceno	int(10)	Not Null	Trade licence number
14	tradedocument	varchar(50)	Not Null	Trade document
15	shipping	varchar(25)	Not Null	Vendor's shipping mode
16	gstno	varchar(25)	Not Null	Vendor's GST no.
17	panno	varchar(25)	Not Null	PAN number
18	fssaino	varchar(25)	Not Null	FSSAI number
19	vendorname	varchar(25)	Not Null	Vendor full name
20	accounttype	varchar(25)	Not Null	Bank account type

Table 3.16: Table of Vendor

Vendor(Remaining..)

No.	Name	Type	Constraints	Description
21	storename	varchar(25)	Not Null	Store name
22	sellingcat	varchar(25)	Not Null	Selling categories
23	pandocument	varchar(25)	Not Null	PAN Documents
24	adminstatus	varchar(20)	Not Null	Admin status
25	signature	varchar(25)	Not Null	Vendor's signature
26	cancelledcheque	varchar(25)	Not Null	Cancelled cheque
27	ifsccode	varchar(25)	Not Null	IFSC code
28	accountno	varchar(25)	Not Null	Bank account number
29	nameinbank	varchar(25)	Not Null	Name in bank document
30	gstdocument	varchar(25)	Not Null	GST document
31	iddocument	varchar(25)	Not Null	Id Document
32	storelogo	varchar(25)	Not Null	Store's logo

Table 3.17: Table of Vendor

3.6.15 Vendor Categories

No.	Name	Type	Constraints	Description
1	vencatid	bigint(20)	Primary key	Vendor category's id
2	vendorid	bigint(20)	Foreign key	Vendor's id
3	categoryid	bigint(20)	Foreign key	Category id

Table 3.18: Table of Vendor Categories

3.6.16 Product Reviews

No.	Name	Type	Constraints	Description
1	reid	bigint(20)	Primary key	Review id
2	customerid	bigint(20)	Foreign key	Customer's id
3	productid	bigint(20)	Foreign key	Product's id
4	comment	longtext	Not Null	Comment

Table 3.19: Table of Product Reviews

3.6.17 Users

No.	Name	Type	Constraints	Description
1	uid	bigint(20)	Primary key	User's id
2	firstname	varchar(50)	Not Null	User's first name
3	lastname	varchar(50)	Not Null	User's last name
4	email	varchar(191)	Not Null	User's email id
5	mobile	varchar(30)	Not Null	User's mobile no.
6	gender	varchar(100)	Not Null	User's gender
7	dob	varchar(100)	Not Null	User's date of birth
8	mobileotp	varchar(4)	Not Null	User's OTP
9	points	int(11)	Not Null	User's point
10	pointsused	int(200)	Not Null	Point used by user
11	password	varchar(191)	Not Null	User's password

Table 3.20: Table of Users

3.6.18 Product

No.	Name	Type	Constraints	Description
1	pid	bigint(20)	Primary key	Product id
2	pname	varchar(191)	Not Null	Product name
3	pdescription	longtext	Not Null	Product description
4	brandid	bigint(20)	Foreign key	Brand id
5	otherbrand	varchar(50)	Not Null	Other brand
6	categoryid	int(50)	Foreign key	Category id
7	warrantydetails	longtext	Not Null	Warranty details
8	gst	decimal(15,2)	Not Null	GST no.
9	price	decimal(15,2)	Not Null	Product's price
10	mrp	decimal(15,2)	Not Null	Product's MRP
11	stockunit	bigint(20)	Not Null	Product stock unit
12	weight	varchar(200)	Not Null	Product's weight
13	length	varchar(200)	Not Null	Product's length
14	width	varchar(200)	Not Null	Product's width
15	height	varchar(200)	Not Null	Product's height
16	returnpolicy	int(50)	Not Null	Product's return policy
17	freedelivery	tinyint(1)	Not Null	Free delivery
18	vendorid	bigint(20)	Foreign key	Vendor id
19	returnable	int(50)	Not Null	Returnable
20	status	int(50)	Not Null	Status of Product
21	featuredproduct	tinyint(1)	Not Null	Featured product
22	discount	int(50)	Not Null	Product's discount
23	newarrival	int(50)	Not Null	New arrival

Table 3.21: Table of Product

3.7 Forms

3.7.1 Admin

Signin

The admin sign in to the system with the E-mail and password.



The screenshot shows a web browser window titled "Untitled Frame" with a light beige background. On the left side, the text "OneClicQ" is displayed in a large, black, sans-serif font. To the right of the text, there is a logo consisting of two interlocking circles. Below the logo, there are two input fields: the first is labeled "Enter your E-mail" and the second is labeled "Enter your Password". Below these fields, there is a link that says "Forget password ?". At the bottom of the form, there is a button labeled "Sign in".

Figure 3.5: Admin's signin page

Homepage

After the sign in process the admin will redirect to the dashboard page.

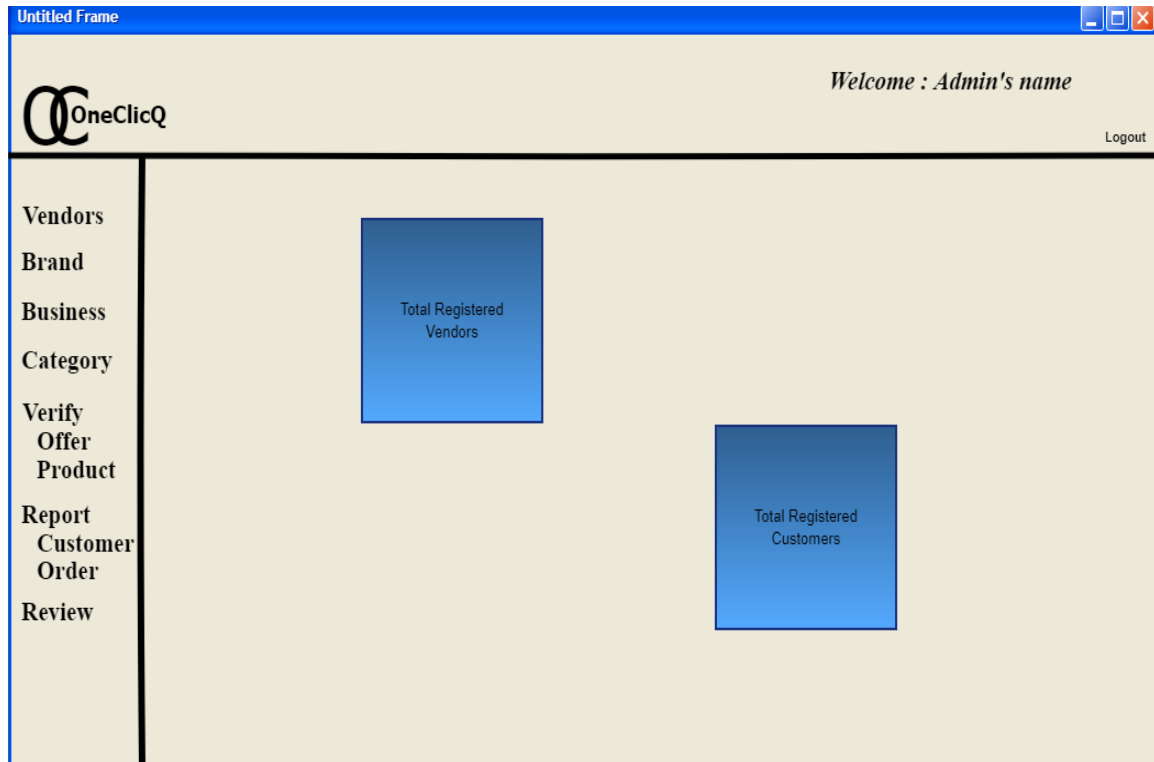


Figure 3.6: Admin's homepage

Verify vendor

In this page the admin will either reject or approve the vendors registration.

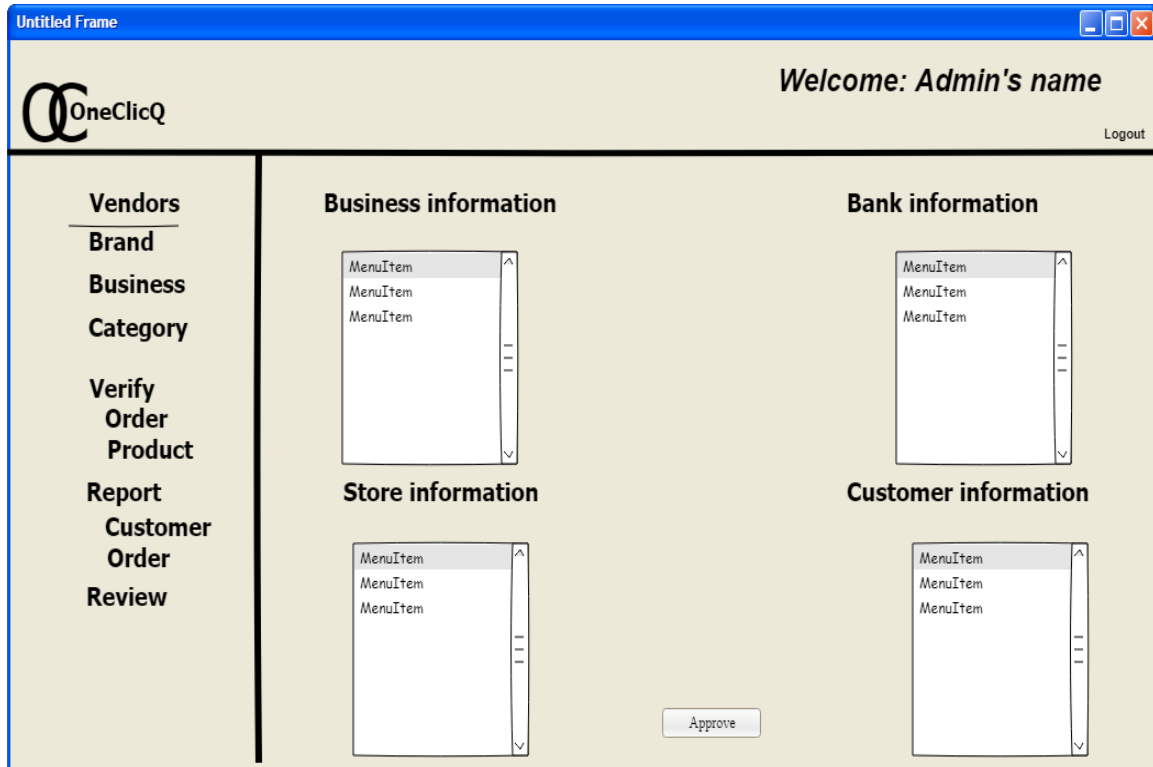


Figure 3.7: Admin's verify page of vendor

Add category

In this page the admin will add the category which will be later show in the vendor's side.

The screenshot shows a web application window titled "Untitled Frame". The header bar is light beige and contains the "OneClicQ" logo on the left, the text "Welcome: Admin's name" in the center, and a "Logout" link on the right. A vertical sidebar on the left lists navigation options: "Vendors", "Brand", "Business", "Category" (which is underlined), "Sub category", "Verify", "order", "product", "Report", "Customer", and "Order". The main content area is also light beige and is divided into two sections. The left section, titled "Category", lists "Denim" and "Raymond". The right section, titled "Add Category", contains a form with three text input fields labeled "name", "description", and "commission", followed by an "image" input field. Below these fields is a "Submit" button.

Figure 3.8: Admin adding category

Add sub category

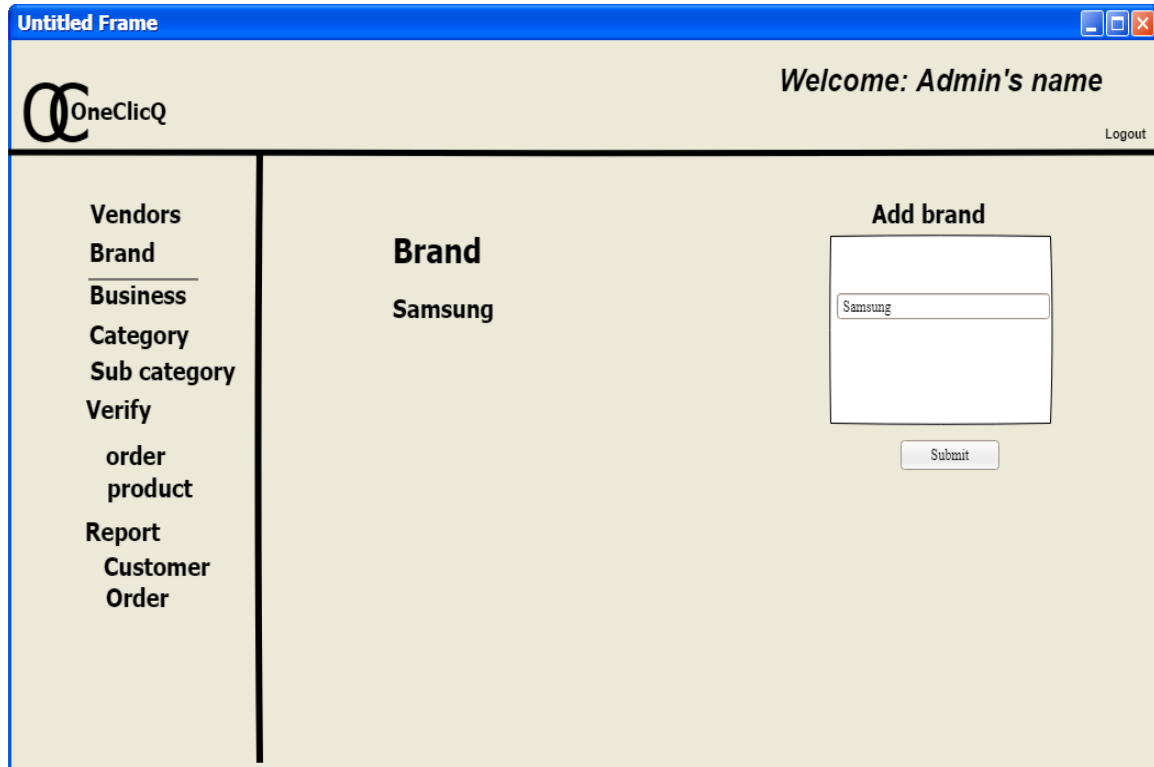
In this page the admin will add the sub category based on certain category which will be later show in the vendor's side.

The screenshot shows a web application window titled 'Untitled Frame'. The header bar is light beige and contains the 'OneClicQ' logo on the left, the text 'Welcome: Admin's name' in the center, and a 'Logout' link on the right. A vertical sidebar on the left lists navigation options: 'Vendors', 'Brand', 'Business', 'Category', 'Sub category' (which is underlined), 'Verify', 'order', 'product', 'Report', 'Customer', and 'Order'. The main content area is divided into two sections. The left section, titled 'Category', displays 'Men's Wardrobe' and a sub-item '• Denim'. The right section, titled 'Add sub category', features a text input field containing the word 'denim' and a 'Submit' button below it.

Figure 3.9: Admin adding sub category

Add brand

In this page the admin will add the brand which will be later show in the vendor's side.



The screenshot shows a web application window titled "Untitled Frame". The header bar is light beige and contains the "OneClicQ" logo on the left, the text "Welcome: Admin's name" in the center, and a "Logout" link on the right. A vertical sidebar on the left lists navigation options: "Vendors", "Brand" (which is underlined), "Business", "Category", "Sub category", "Verify", "order", "product", "Report", "Customer", and "Order". The main content area is also light beige and displays the word "Brand" in large bold text, with "Samsung" below it. On the right side of the main area, there is a form titled "Add brand". This form includes a text input field containing the word "Samsung" and a "Submit" button located below the input field.

Figure 3.10: Admin adding brand

Add business type

In this page the admin will add the type of business which will be later show in the vendor's side.

The screenshot shows a web application window titled "Untitled Frame". The header bar is light beige and contains the "OneClicQ" logo on the left, the text "Welcome: Admin's name" in the center, and a "Logout" link on the right. A vertical sidebar on the left lists navigation options: "Vendors", "Brand", "Business" (which is underlined), "Category", "Sub category", "Verify", "order", "product", "Report", "Customer", and "Order". The main content area has a title "Business types" and a subtitle "Solo/ Individuals". On the right side of this area, there is a form titled "Add business type". The form contains a text input field with the value "Solo/ Individuals" and a "Submit" button below it.

Figure 3.11: Admin adding business type

View review

In this page the admin will view the review and ratings given by the customers based on product.

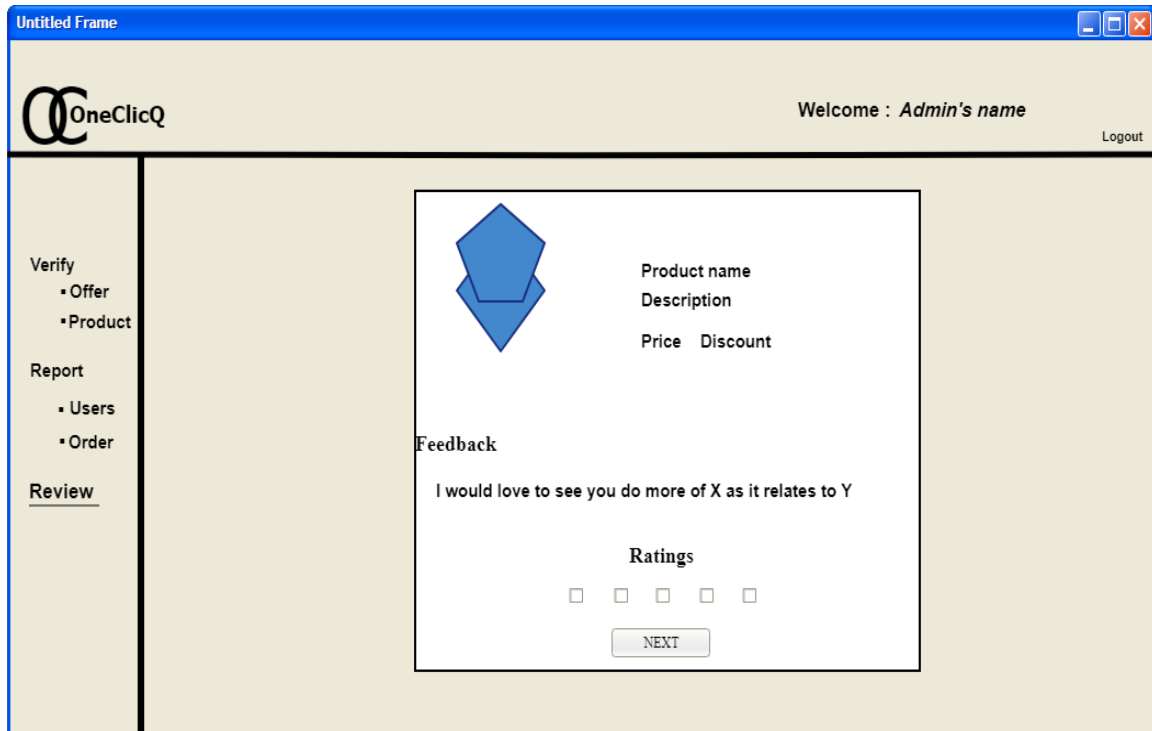


Figure 3.12: Admin view review

Product verify

In this page the admin will either reject or approve the vendors added product.

The screenshot shows a web application window titled "Untitled Frame". The header bar is light beige and contains the "OneClicQ" logo on the left, the text "Welcome : Admin's name" in the center, and a "Logout" link on the right. A vertical sidebar on the left is dark beige and contains the following menu items: "Verify" (with sub-items "• Offer" and "• Product", where "Product" is underlined), "Report" (with sub-items "• Users" and "• Order"), and "Review". The main content area is light beige and features a "Product" verification form. The form is a light gray box with the following fields: "Product name" (text input), "category" (text input), "weight" (text input), "height" (text input), "return policy" (text input), "gst" (text input), "width" (text input), "length" (text input), "free delivery" (text input), "brand" (text input), "description" (text input), "discount" (text input), "warranty details" (text input), and "price" (text input). Below the form are three buttons: "Approve", "Reject", and "NEXT".

Figure 3.13: Admin verify product

Order report

This form will be used by the admin for seeing how much sale done by certain vendors.

The screenshot displays a web application window titled "Untitled Frame". The header bar is light beige and contains the "OneClicQ" logo on the left, a "Welcome : Admin's name" message in the center, and a "Logout" link on the right. A vertical sidebar on the left side of the main content area lists navigation options: "Verify" (with sub-items "Offer" and "Product"), "Report" (with sub-items "Users" and "Order", where "Order" is underlined), and "Review". The main content area is also light beige and features the title "Sales Report" in bold. Below the title, it specifies the date range "From 01-02-2021" and "To 05-05-2021". At the bottom of this section is a button labeled "Generate report".

Figure 3.14: Order report generation

Verify Offer

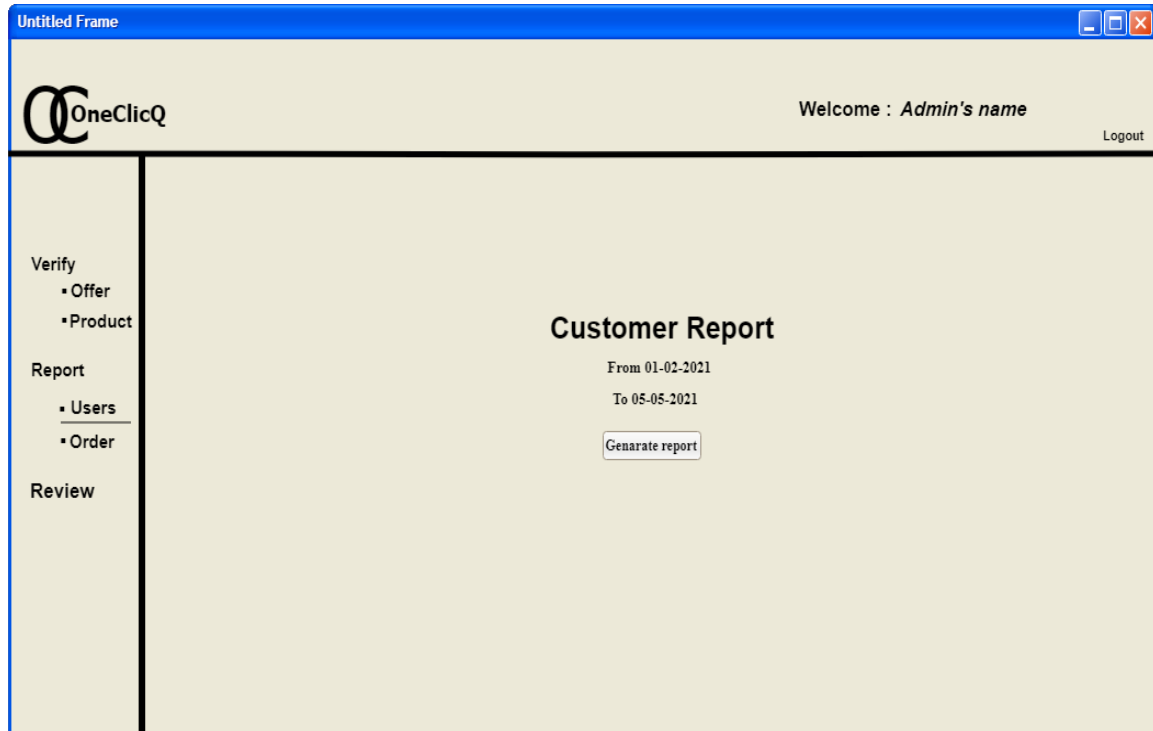
In this page the admin will either reject or approve the vendors added offers to the product.

The screenshot shows a web application window titled "Untitled Frame". The header bar is light beige and contains the "OneClicQ" logo on the left, the text "Welcome : Admin's name" in the center, and a "Logout" link on the right. A vertical sidebar on the left contains a menu with the following items: "Verify" (with sub-items "• Offer" and "• Product"), "Report" (with sub-items "• Users" and "• Order"), and "Review". The main content area is also light beige and features a central grey box titled "Offers". Inside this box is a form with the following elements: a "Product name" input field, an "Offer details" text area, an "Offer from" input field, an "Offer to" input field, two buttons labeled "Approve" and "Reject", and a "NEXT" button at the bottom.

Figure 3.15: Verify the offer

Customer report

This form will be used by the admin for seeing how customers are there in the system.



The screenshot shows a web application window titled "Untitled Frame". The header bar is light beige and contains the "OneClicQ" logo on the left, a "Welcome : Admin's name" message in the center, and a "Logout" link on the right. A vertical sidebar on the left side of the main content area lists navigation options: "Verify" (with sub-items "Offer" and "Product"), "Report" (with sub-items "Users" and "Order"), and "Review". The "Report" section is currently active. The main content area is light beige and displays the "Customer Report" title. Below the title, it shows the date range "From 01-02-2021" and "To 05-05-2021". At the bottom of this section is a button labeled "Generate report".

Figure 3.16: Customer's report generation

3.7.2 Customer

Homepage

The Customer's homepage where the customer can view the product.

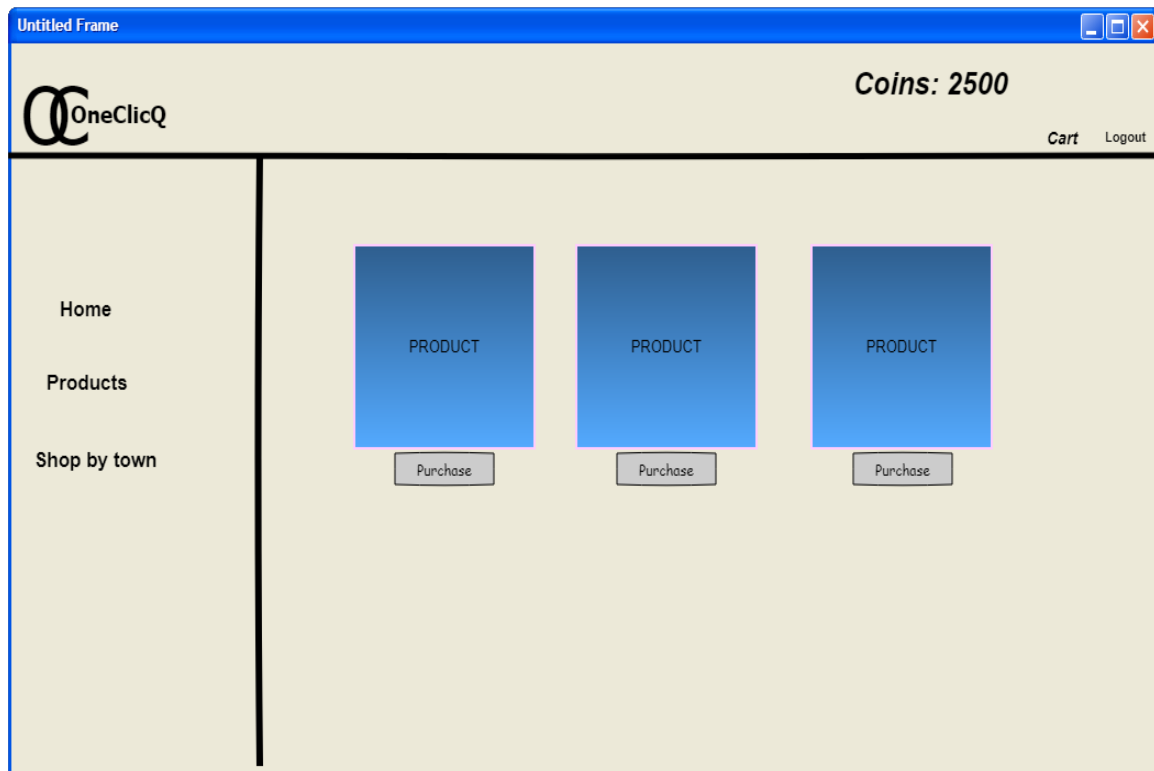


Figure 3.17: Customer's homepage

View categories

In this the customer can view the product by certain product with sub category.



Figure 3.18: View product by category

View product by shop

In this the customer can view the product by shop.

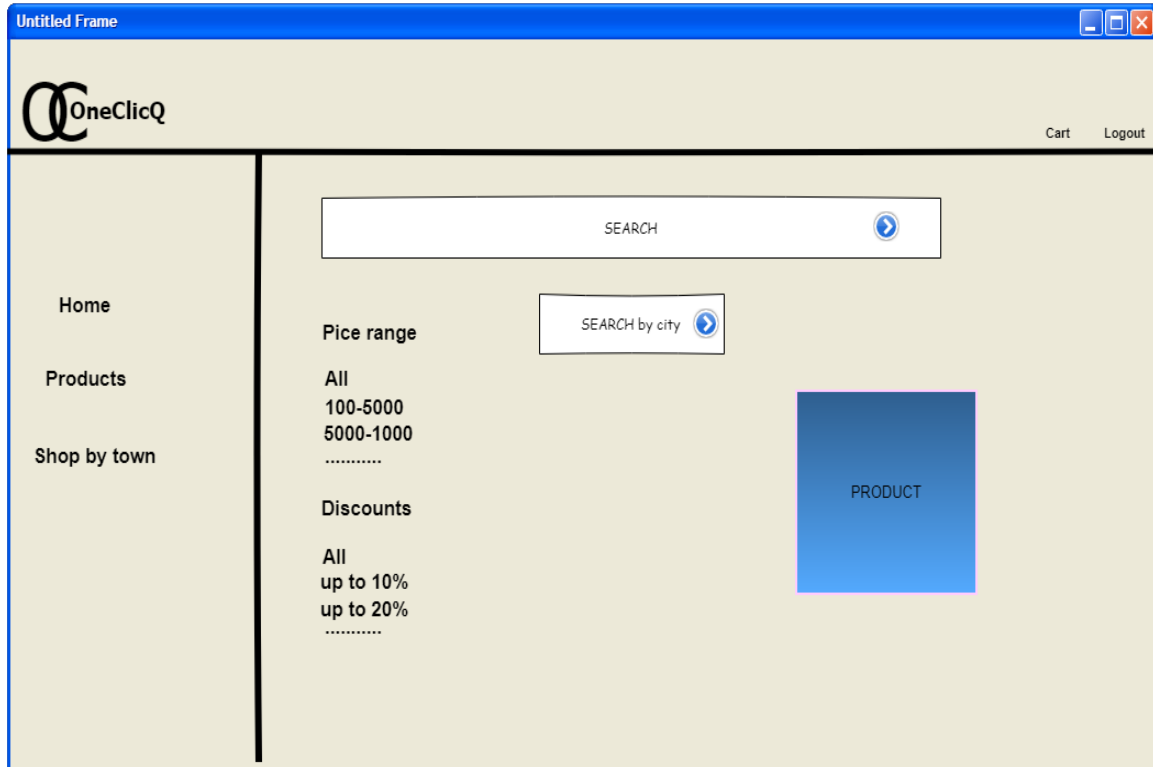


Figure 3.19: View product by shop

Add to cart

This form contain all the product purchased by the customers.

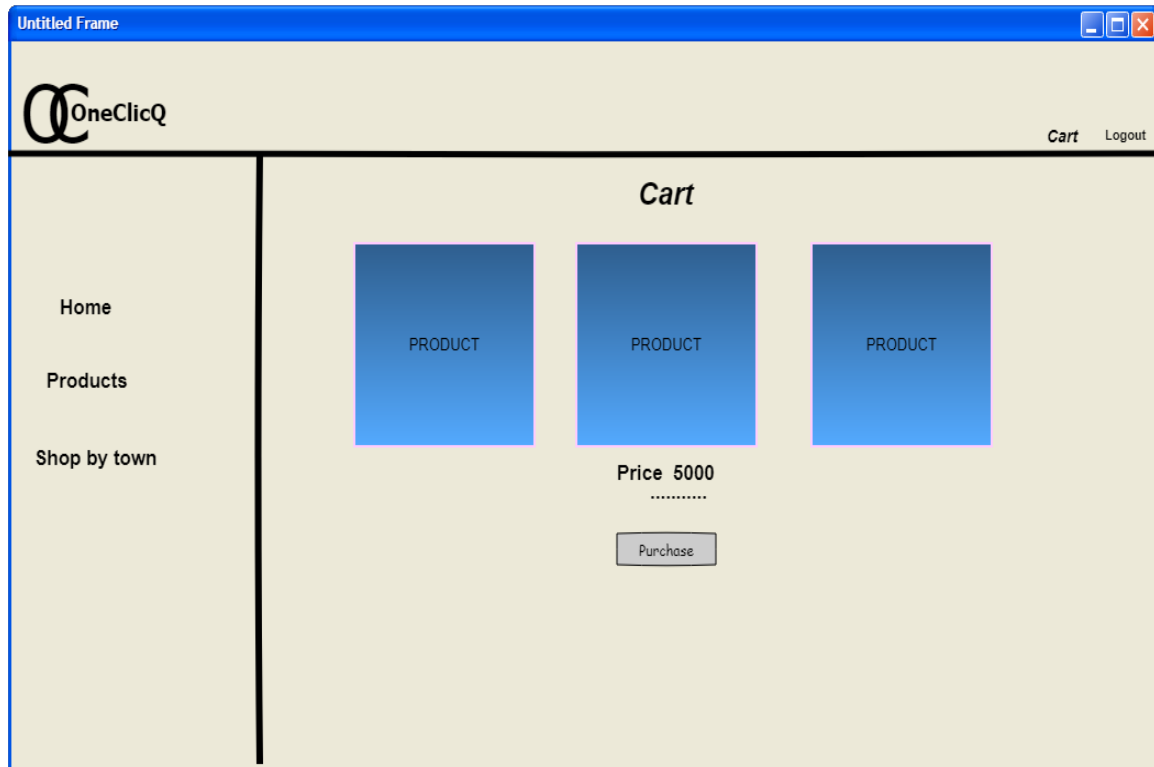



Figure 3.20: Add product to cart

Sign in

While purchasing the system will request for getting sign in with email and password.



The image shows a web browser window titled "Untitled Frame" with a light beige background. On the left side, the text "OneClicQ" is displayed in a large, black, sans-serif font. To the right of the text, there is a logo consisting of two interlocking circles. Below the logo, there are two input fields: the first is labeled "Enter your E-mail" and the second is labeled "Enter your Password". Below these fields, there is a link that says "Forget password ?". At the bottom of the sign-in section, there is a "Sign in" button and a "Register" link.

Figure 3.21: Sign in page of customer

Registration

If the customer is new then the customer will be needed to input all the basic details.



The image shows a web browser window titled "Untitled Frame" with a light beige background. On the left side, the text "OneClicQ" is displayed in a large, black, sans-serif font. To the right of this text, there is a logo consisting of two interlocking circles. Below the logo, the heading "Customer Information" is centered. Underneath this heading, there is a vertical stack of input fields: "First name", "Last name", "E-mail", "Mobile no.", "Gender" (a dropdown menu with a downward arrow), "DOB", and "Password". At the bottom of this stack is a "Submit" button.

Figure 3.22: Customer registration

Earned coin

After the successfully sign in the customer can view their current available DQ coins.

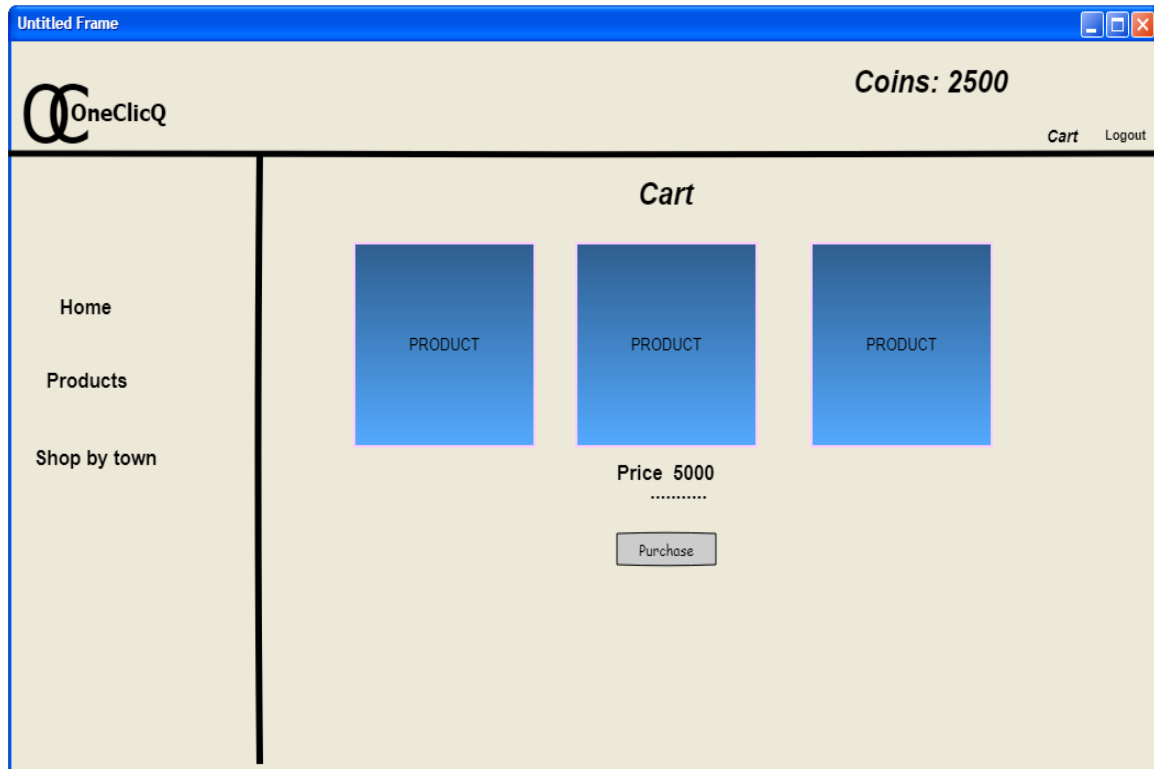


Figure 3.23: View the earned coin

3.7.3 Vendor

Sign in

In this page the vendor is requested to sign in for redirecting to dashboard.



The screenshot shows a web browser window titled "Untitled Frame" with a light beige background. On the left side, the text "OneClicQ" is displayed in a large, black, sans-serif font. On the right side, there is a sign-in form. At the top of the form is a logo consisting of two interlocking circles. Below the logo are two input fields: "Enter your E-mail" and "Enter your Password". Under the password field is a link that says "Forgot password ?". Below the link is a "Sign in" button. At the bottom of the form is a "Register" link.

Figure 3.24: Vendor sign in

OTP

In this page the otp is achieved based on vendor's contact no.



Untitled Frame

OneClicQ

Enter your Mobile no

Enter OTP

Log in

Figure 3.25: OTP

Personal Detail

In this page the vendor is requested to add the personal details to the system.



The screenshot shows a web browser window titled "Untitled Frame". The background is a light beige color. On the left side, the text "OneClicQ" is displayed in a large, black, sans-serif font. To the right of this text, there is a stylized "OC" logo consisting of two interlocking circles. Below the logo, there are four input fields stacked vertically, each with a label inside: "Enter your Name", "Mobile number", "Email", and "Password". Below these fields is a "Submit" button. The browser window has a blue title bar and standard window control buttons (minimize, maximize, close) in the top right corner.

Figure 3.26: Vendor's information

Bank detail

In this page the vendor is requested to add the bank details to the system.



The screenshot shows a web application window titled "Untitled Frame". On the left side, the text "OneClicQ" is displayed. On the right side, there is a form titled "Bank information" with a logo consisting of two interlocking circles above it. The form contains the following fields and buttons:

- Name in bank document
- Account type (dropdown menu)
- Bank account number
- Your bank IFSC code
- Cancelled cheque
- Signature
- Submit

Figure 3.27: Vendor's Bank info

Business information

In this page the vendor is requested to add the business details to the system.



The screenshot shows a web application window titled "Untitled Frame". On the left side, the text "OneClicQ" is displayed. On the right side, under the heading "Business information", there is a vertical stack of input fields and buttons. The fields are: "Trade License Number", "Trade License Document", "Gst Number", "Pan number", "FSSAI no", and "Shipping mode" (which is a dropdown menu). Between these fields are buttons labeled "Gst document", "Pan document", and "ID proof". At the bottom of the form is a "Submit" button.

Figure 3.28: Vendor's Business info

Company information

In this page the vendor is requested to add the company details to the system.



The screenshot shows a web application window titled "Untitled Frame". On the left side, the text "OneClicQ" is displayed. On the right side, there is a form titled "Comapny Details" (note the typo). The form contains the following fields:

- Company name (text input)
- Office number (text input)
- KERALA (text input)
- District (dropdown menu)
- Location (text input)
- Business Type (dropdown menu)
- Submit (button)

Figure 3.29: Vendor's Company info

Store information

In this page the vendor is requested to add the store details to the system.



The screenshot shows a web application window with a blue title bar labeled "Untitled Frame". The main content area has a light beige background. On the left side, the text "OneClicQ" is displayed in a large, black, sans-serif font. To the right of this text, there is a logo consisting of two interlocking circles. Below the logo, the text "Store information" is centered. Underneath, there are two input fields: "Store name" and "Selling categories". Below these fields is a button labeled "Store Logo". At the bottom of the form is a "Submit" button.

Figure 3.30: Vendor's Store info

Homepage

This is the homepage of the vendor which will be available only after inserting all details regarding vendor and business.

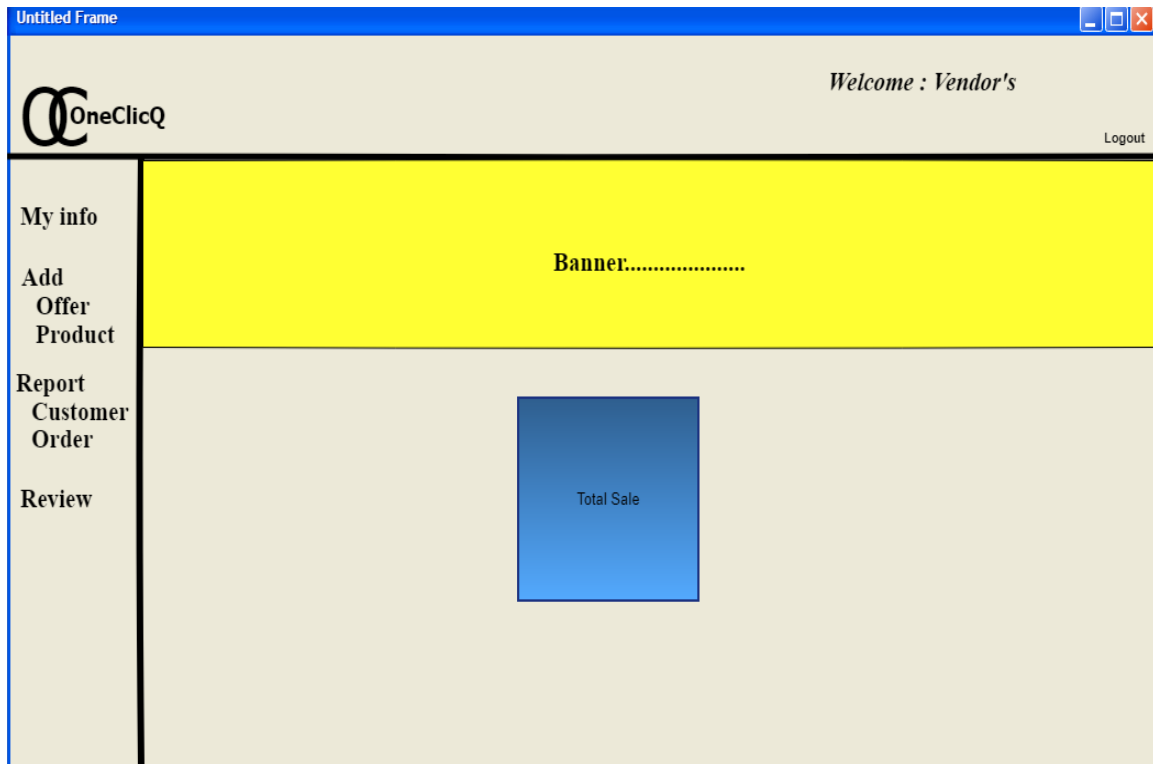


Figure 3.31: Vendor's homepage

Add Product

From this page the vendor will add the product to the system.

The screenshot shows a web application window titled "Untitled Frame". The header bar is light beige and contains the "OneClicQ" logo on the left, the text "Welcome: Admin's name" in the center, and a "Logout" link on the right. A vertical black line separates the header from a left sidebar. The sidebar contains a list of menu items: "My info", "Add", "Offer", "Product", "Report", "Customer", "Order", and "Review". The main content area is also light beige and titled "Add product". It features a large white rectangular form with a vertical scrollbar on the right side. At the bottom center of this form is a "Submit" button.

Figure 3.32: Vendor adding product

Add Offer

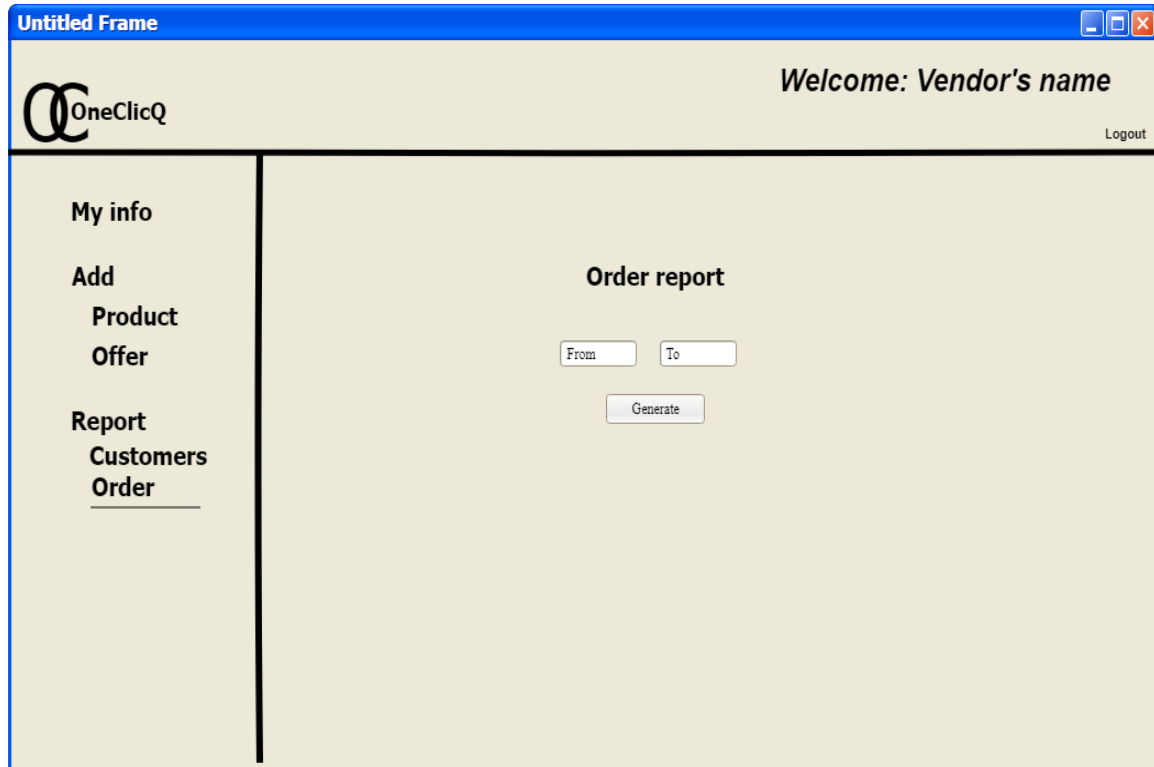
From this page the vendor will add the offer to the certain product.

The screenshot shows a web application window titled 'Untitled Frame'. The header bar is light beige and contains the 'OneClicQ' logo on the left, the text 'Welcome: Admin's name' in the center, and a 'Logout' link on the right. A vertical sidebar on the left lists navigation options: 'My info', 'Add', 'Offer', 'Product', 'Report', 'Customer', 'Order', and 'Review'. The main content area is titled 'Add Offer' and features a form with a red 'Product' label, a 'Type offer' text input field, and a 'Submit' button.

Figure 3.33: Vendor adding offer to product

Order report

From this page the vendor will generate the report based on order.



The screenshot shows a web application window titled "Untitled Frame". The interface has a light beige background. At the top left is the "OneClicQ" logo. At the top right, it says "Welcome: Vendor's name" and "Logout". A vertical sidebar on the left contains the following menu items: "My info", "Add", "Product", "Offer", "Report", "Customers", and "Order" (which is underlined). The main content area is titled "Order report" and contains two input fields labeled "From" and "To", followed by a "Generate" button.

Figure 3.34: Vendor generating order report

Customer report

From this page the vendor will generate the report based on customer.

The screenshot shows a web application window titled "Untitled Frame". The interface has a light beige background. At the top left is the "OneClicQ" logo. At the top right, it says "Welcome: Vendor's name" and "Logout". A vertical sidebar on the left contains the following menu items: "My info", "Add", "Product", "Offer", "Report", "Customers" (which is underlined), and "Order". The main content area is divided into two sections. The top section is titled "Add business type". The bottom section is titled "Customers report" and contains two input fields. The first input field is followed by a "SEARCH" button. The second input field is followed by a "Generate" button.

Figure 3.35: Vendor generating customer report