

Shopping Cart Project

Design and Implementation of a Shopping Cart

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Project start date : 16-Feb-2022

Project end date : 23-Feb-2022

Shopping Cart Project

ACKNOWLEDGEMENTS

I would like to express my deepest appreciation and special gratitude to **thinkquotient** Management for his generous guidance, attentive support and encouragement during the Training session. I also like to extend my gratitude and my sincere thanks to Management for their kind support, guidance and willingness. Furthermore, I would like to thank to learner who extended their great support during training session. Finally, Thanks for each and every one who support me in various way to convert my thesis to successful thesis.

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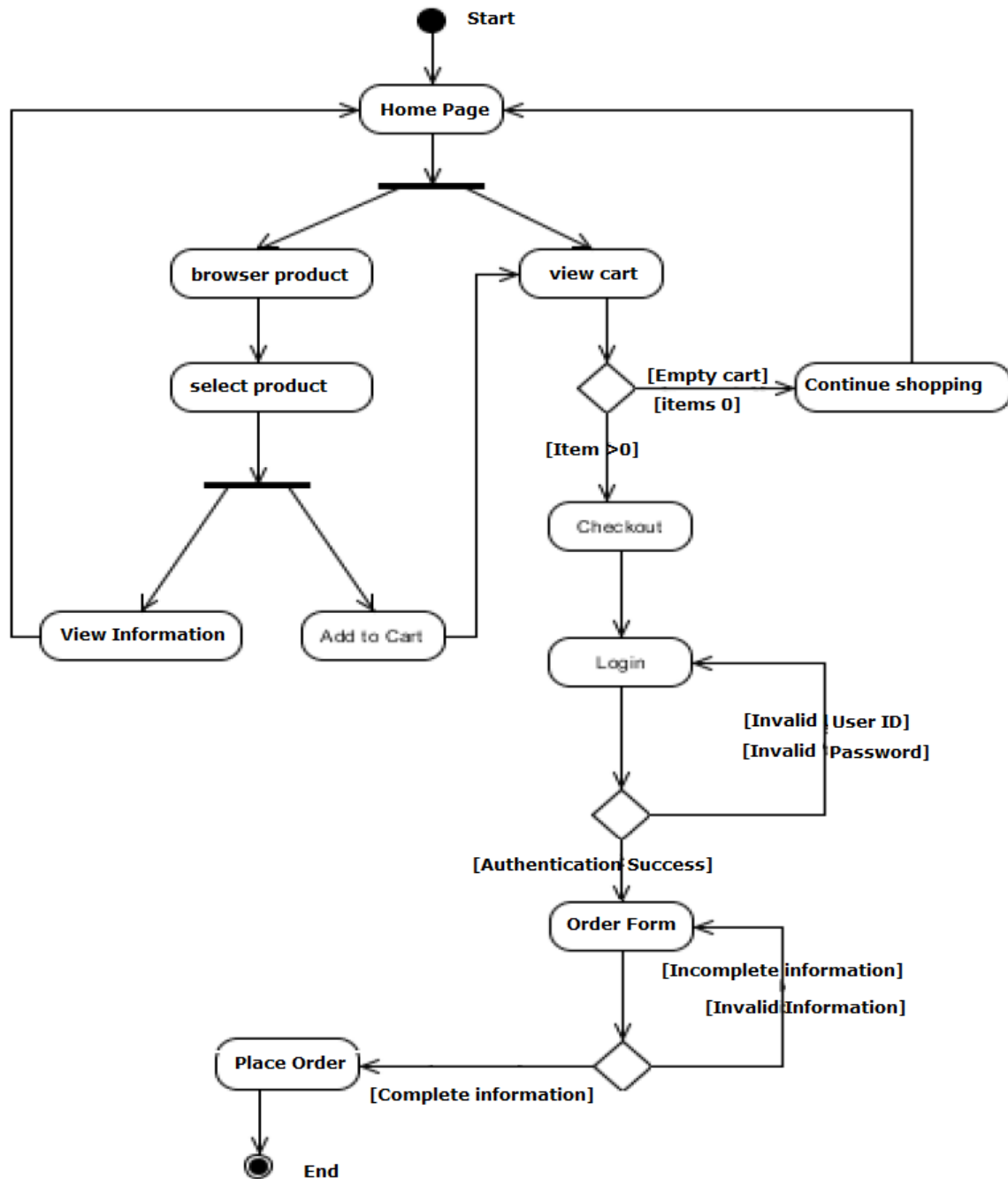
Introduction

Shopping cart Project have two section website and Web application (Admin).

Website : User can visit website and can buy product. At website on first page user can see product list and he can search product. There is add to card button on website. User can buy product by pressing add product to cart button. Once user added product in cart can see cart details by clicking cart icon. Finally he can place a order. At the order form there might be address and contact details which is mandatory.

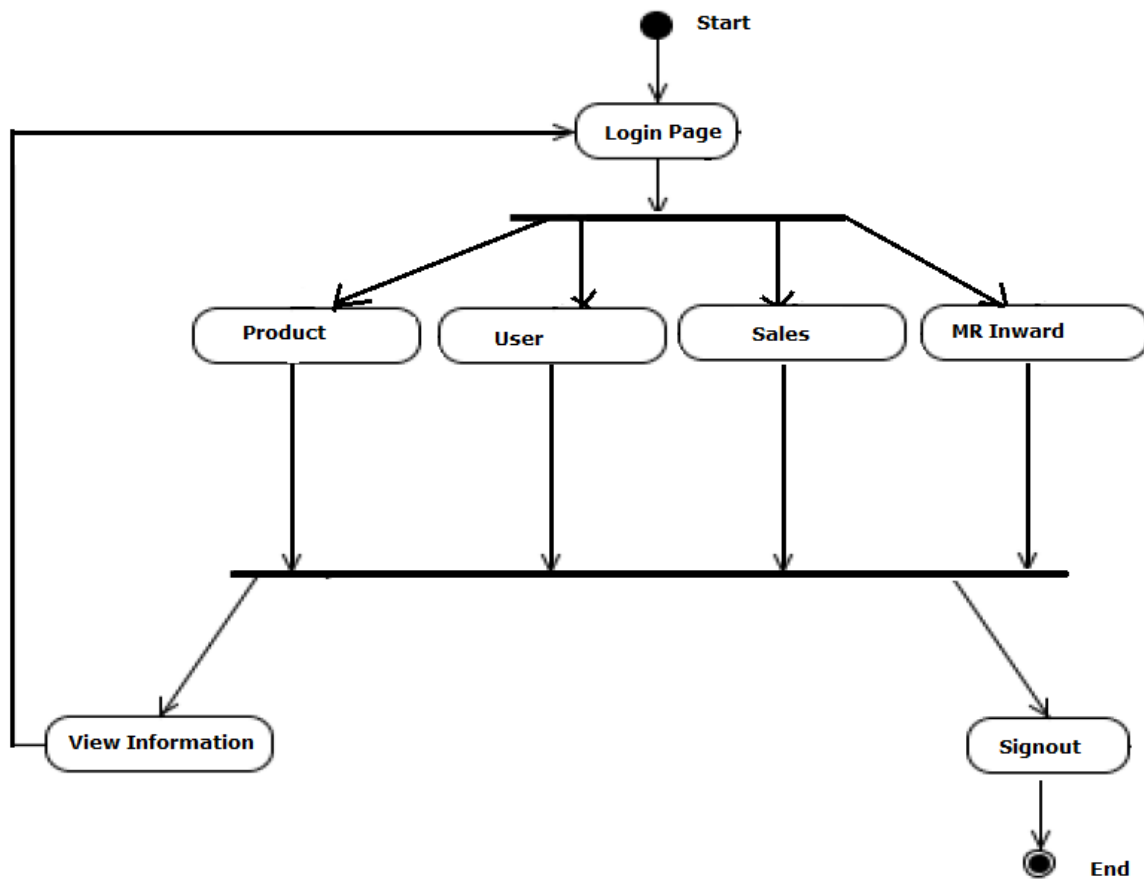
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Website activity diagram



Shopping Cart Project

Web Application Activity Diagram



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Login : user can login as admin right or as a guest user. If user login as admin it should show admin web application.

User model

Userid : string (ex. Admin123)

Password : string (ex Password123)

Status : string (Active or Disabled)

Admin : Boolean (true or false)

Login

User ID

Password

Submit

Shopping Cart Project

Signup : user can signup as a guest user, if user is already exist then user already exist message should be display.

User model

Userid : string (ex. Guest123)

Password : string (ex Pass123)

Admin : Boolean (false).

Signup

User ID

Password

Submit

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Product : admin user can add a new product, update a exist record, delete a record from product model. Admin user can view list of all product.

Product List

Product List

Product	Description	Price	Edit	Delete
Product 1	Description 1	5000	Edit	Delete
Product 2	Description 2	4000	Edit	Delete
Product 3	Description 3	6000	Edit	Delete

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Add New Product : Admin user can add a product by filling following field

Product Name might not be empty.

Product Name length 40 char maximum.

In case of Product is empty it should show message “please enter product name”

Description field is optional

Price is number type field might be greater than 0

Status will be true if product is active

Status will be false if product is disabled.

Add New Product

Product Name :

Description

Price

Status

Submit

Cancel

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Product Display Page

User can search product by entering text in search box

User can purchase a product by clicking add to cart button

Search		<input type="text"/>	Search
<div>Product 1 description Price <div>Add to Cart</div></div>	<div>Product 2 description Price <div>Add to Cart</div></div>	<div>Product 3 description Price <div>Add to Cart</div></div>	
Display More product			

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Cart Details Grid (Order Review)

end user can review order before place a order. User can place an order by completing the information in the order form only.

User might fill their Address in address box. This is mandatory field in place order form.

User might fill contact number. This is also mandatory fields.

Product	Price	Delete
Product 1	500	×
Product 2	500	×

Order Amount : 1000
Sales Tax : 100
Shipping Charges : 125
Total : 1225

Billing Address

Phone

Place Order

Cancel

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Material Receipt Inward

Admin User can add or receipt purchase material (product).

Admin user can Update exists record.

Admin User can delete existing record

Admin User can view list of all transaction

Material Receipt (Inward)

MR Date : MR No :

Supplier

Product	Qty	Rate	Amount
Product 1	3	425	1275
Product 2	1	500	500

1775

Submit

Cancel

Shopping Cart Project

Testing Website

Search

Login

Add to cart

Place a order

Testing Web Application

Login

Adding new user

Edit a user

Delete a user

Add new product

Edit existing product

Delete existing product

Add to cart

Place a order

MR Inward