# DIAGRAMS

## USE CASES:-

- Register
- Login
- Add arts
- Manage arts
- Manage Order
- Events
- Sales
- Add Category
- View arts
- Place Order
- Payment

## Use Case :-Login

| | |
|---|---|
| Actor | User |
| Pre-condition | User must be registered in the corresponding site |
| Trigger | Use requests to login |
| Pre-condition | • User should have an account<br>• Provide network connection<br>• Users should login his/her site using their credentials and select the art. |
| Scenario | • User login to the system<br>• Enters Username and Password<br>• System authenticates<br>• User searches for the Arts,paintings |
| Alternate Paths | • Error occurs from the server side<br>• Invalid username or password<br>• Not Registered<br>• Forgot Password |

## Use Case: Add Arts

| | |
|---|---|
| Actor | Admin |
| Pre-Condition | Admin Should Login |
| Triggers | Admin selects the add arts option |
| Scenario | • Admin login using username and password<br>• Using the add button admin enters art name, price, quantity, image …….<br>• System checks the details in which the admin is given and it add the art into inventory list. |
| Alternate Paths | • Poor Internet Connection<br>• Invalid username and password<br>• Empty field |

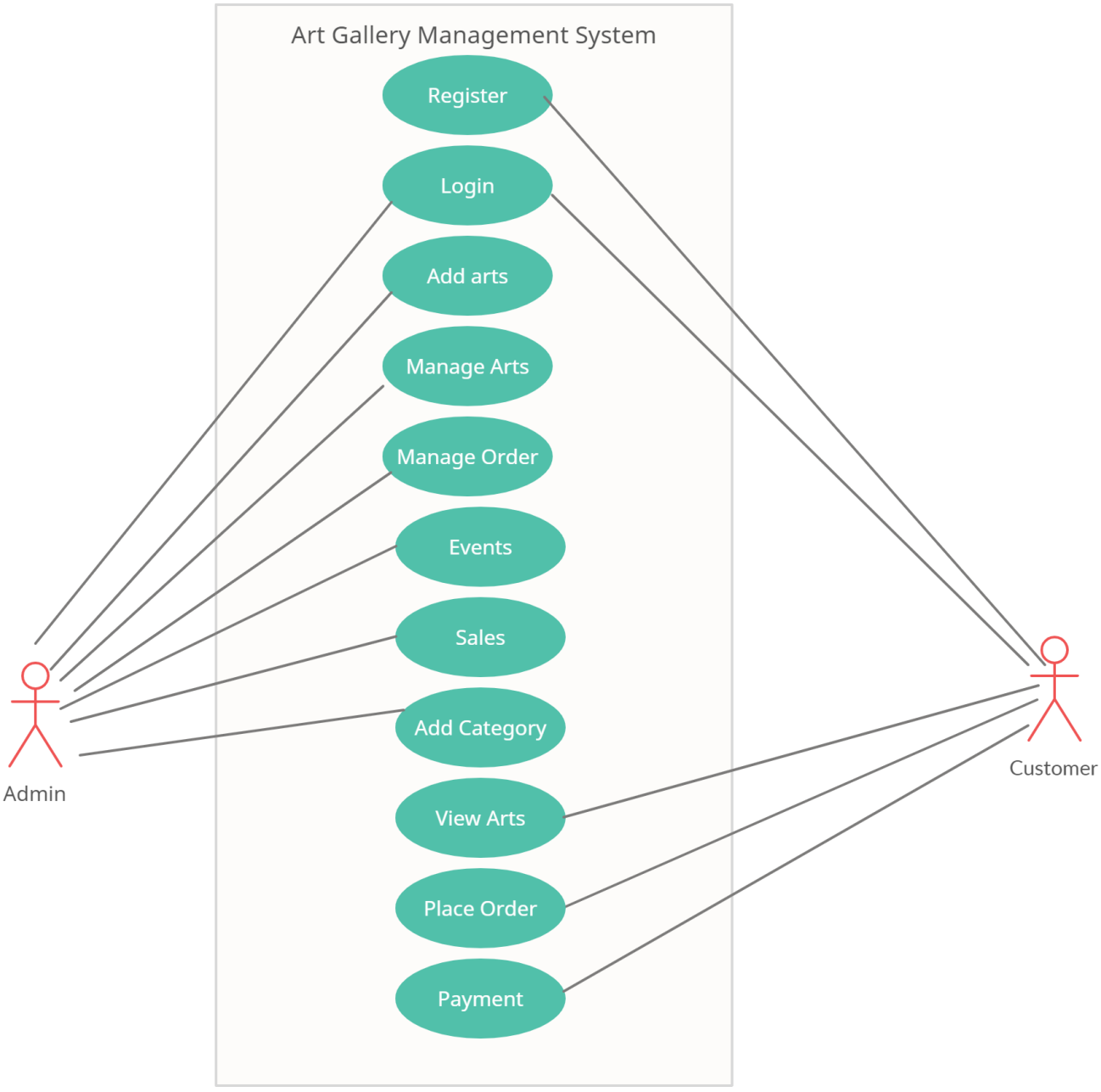
**Use case:-: Register**

| | |
|---|---|
| Actor | User |
| Precondition | User is not logged in |
| Trigger | User clicks on register button |
| Scenario | • User enters name and password<br>• While entering above details system check whether it is already use in or not. Found that already in use a message appears stating that already in use.<br>• System checks password matches. |
| Alternate Paths | Password doesn't match |

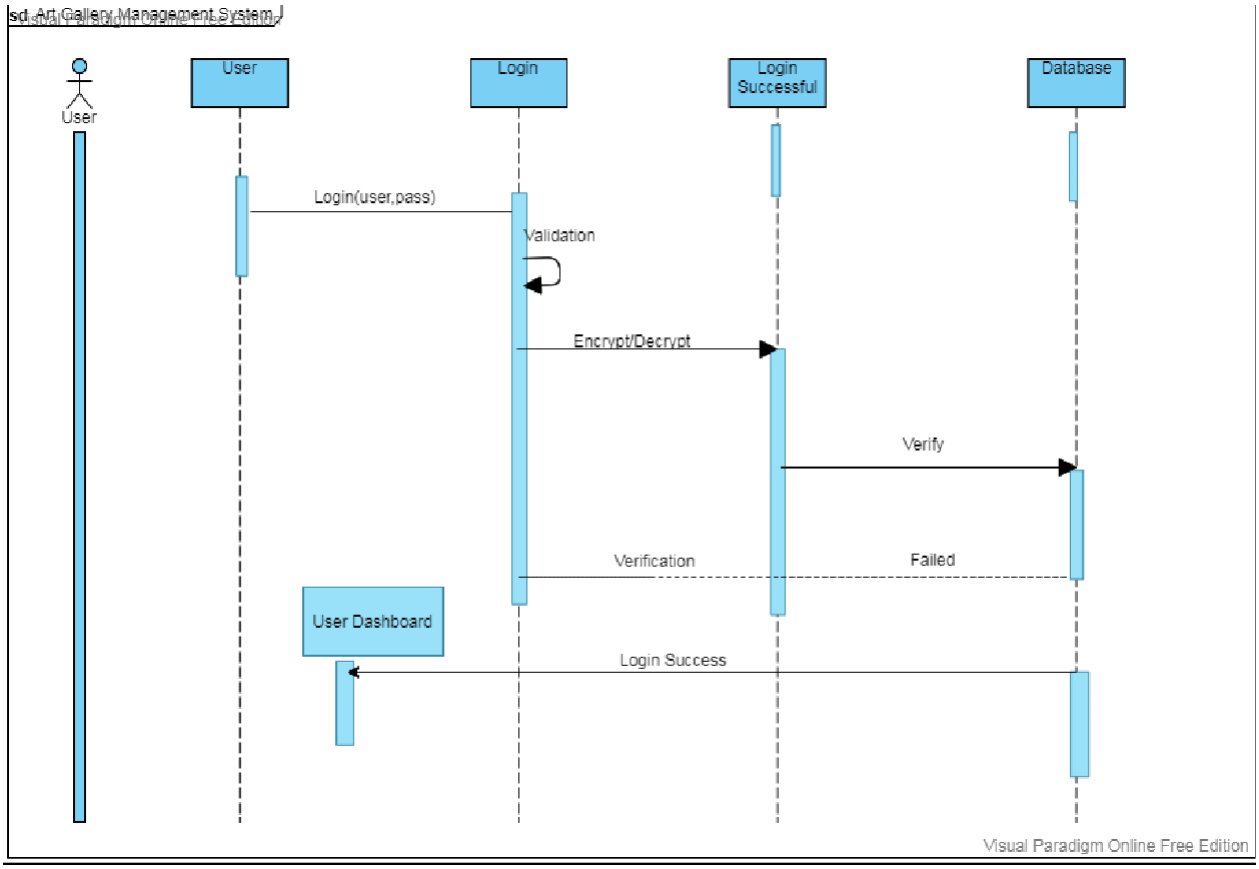
## Use Case: Make Payment

| | |
|---|---|
| Actor | User |
| Precondition | Users having a valid account |
| Trigger | After selecting art/paintings customer clicks on payment button |
| Scenario | • User clicks place order<br>• User enter credit/debit card details<br>• Click on confirm button for further processing<br>• Successful message displayed |
| Alternate Path | • Invalid Data<br>Mainly occurs in the situation where we enter wrong data. |

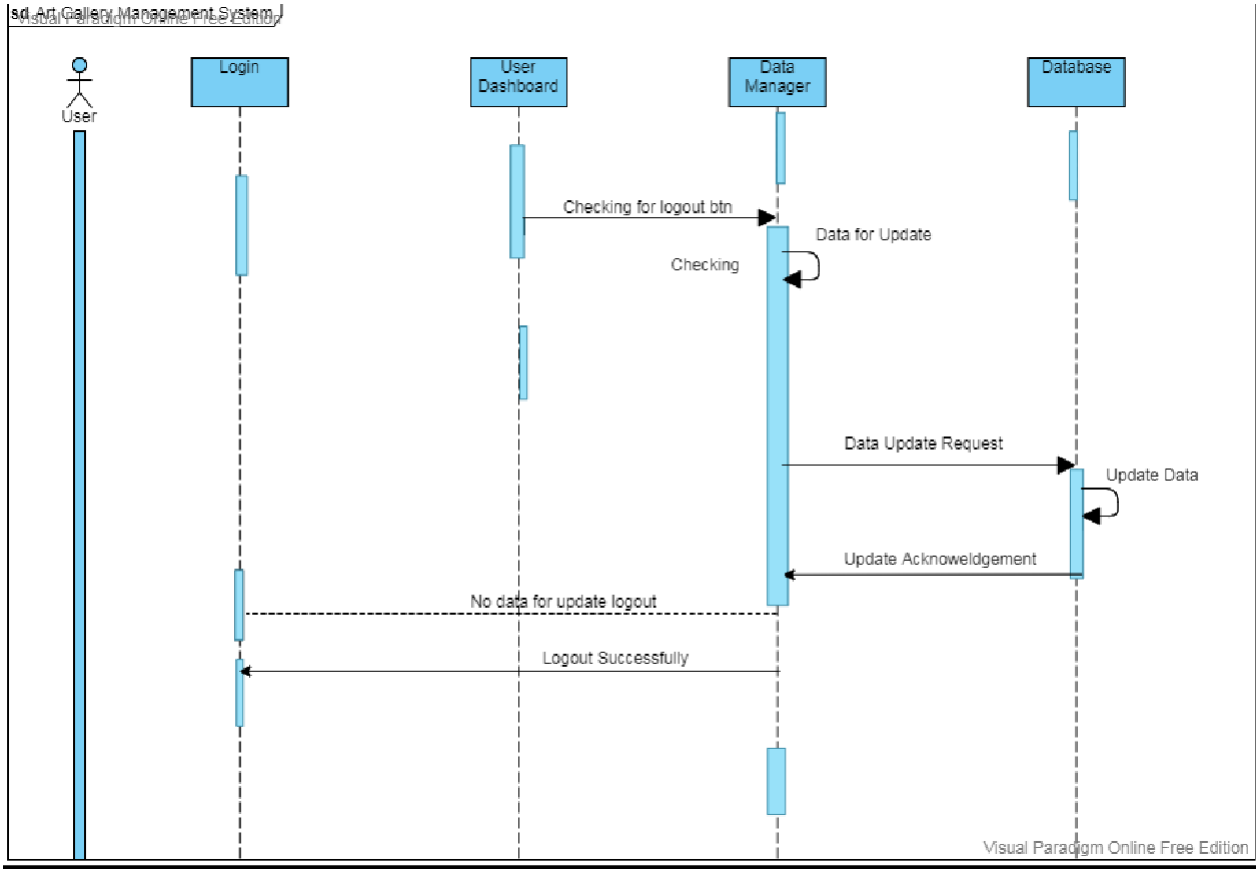
## USE CASE DIAGRAM



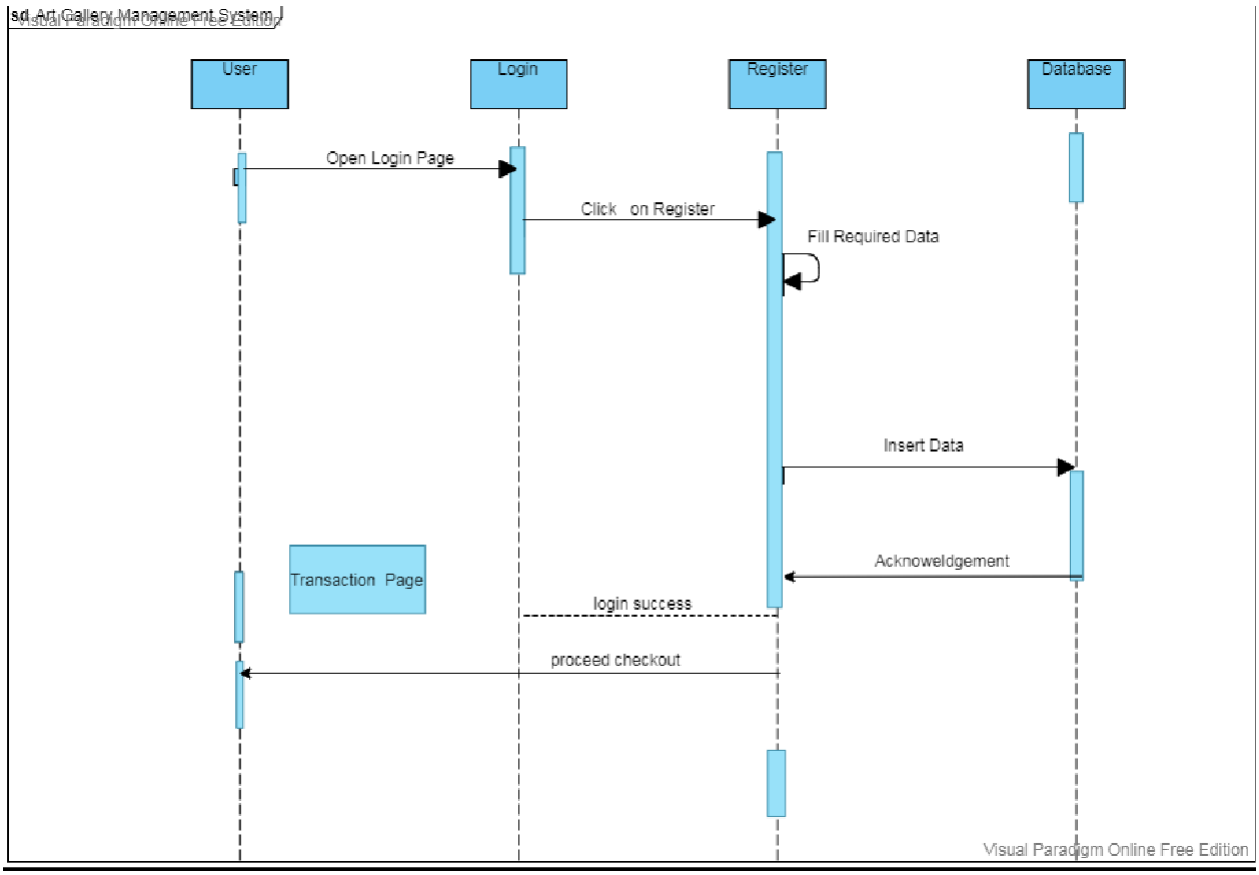
**SEQUENCE DIAGRAM (login)**



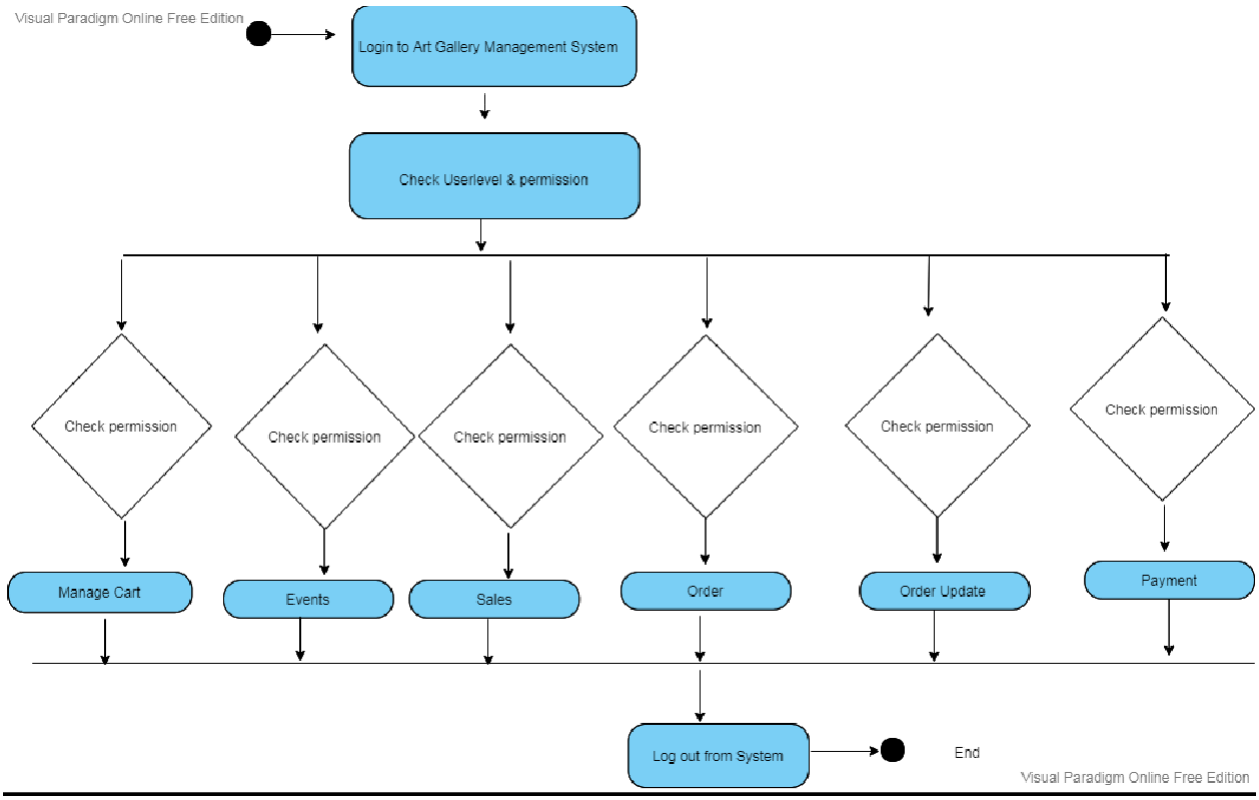

# Logout



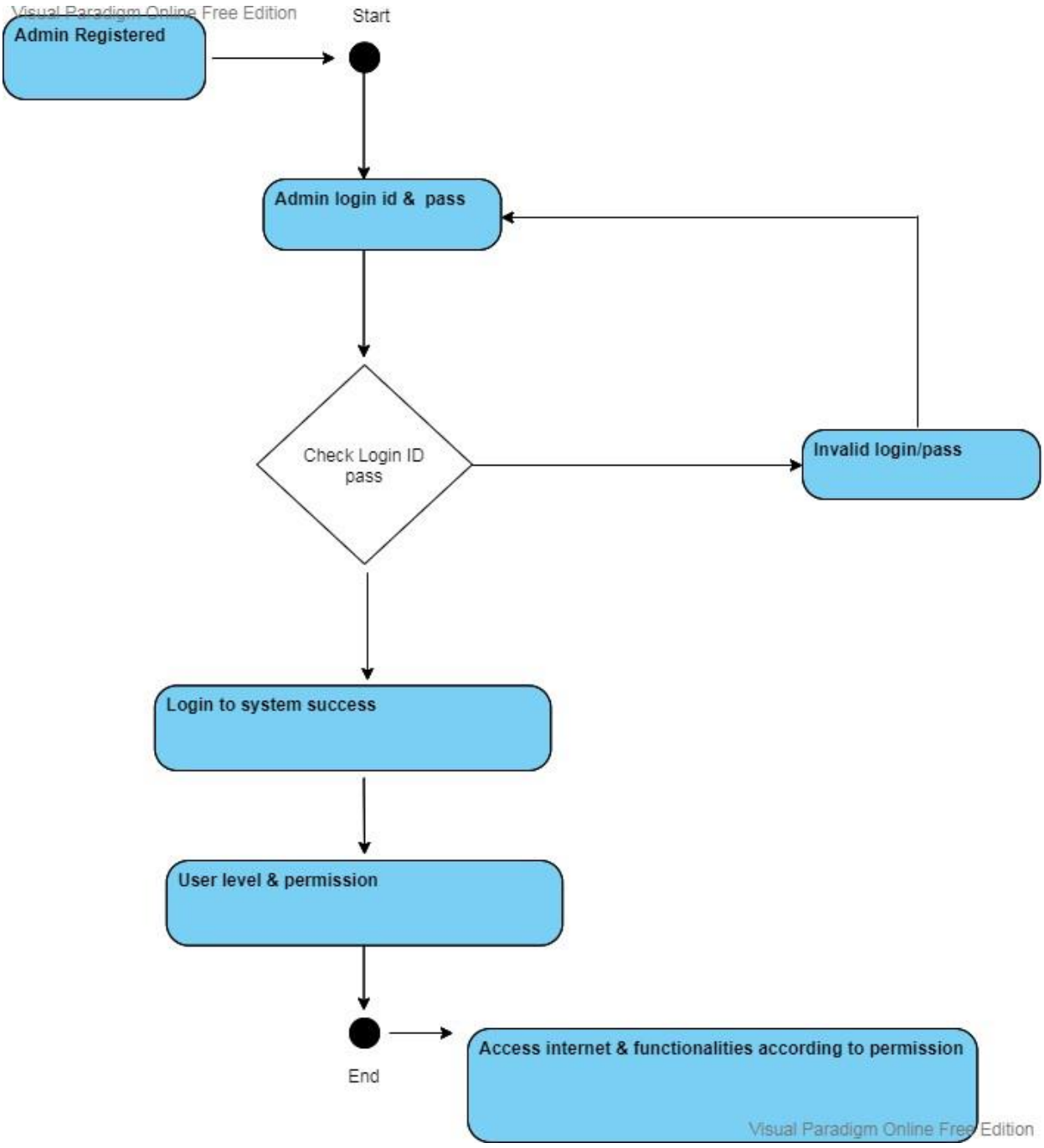

## Registration



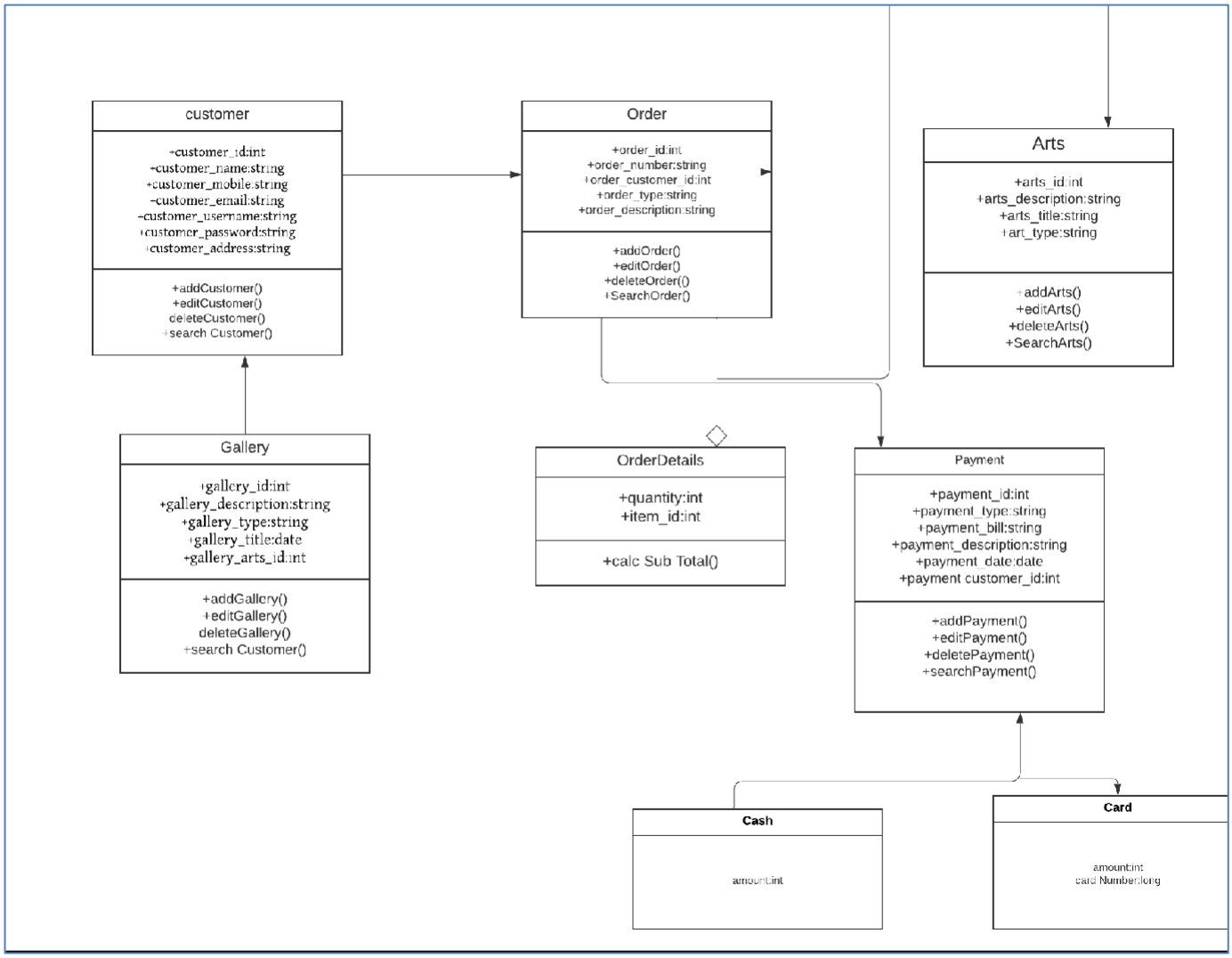

# Activity Diagram


Visual Paradigm Online Free Edition
Login to Art Gallery Management System
Check Userlevel & permission
Check permission
Check permission
Check permission
Check permission
Check permission
Check permission
Manage Cart
Events
Sales
Order
Order Update
Payment
Log out from System
End
Visual Paradigm Online Free Edition

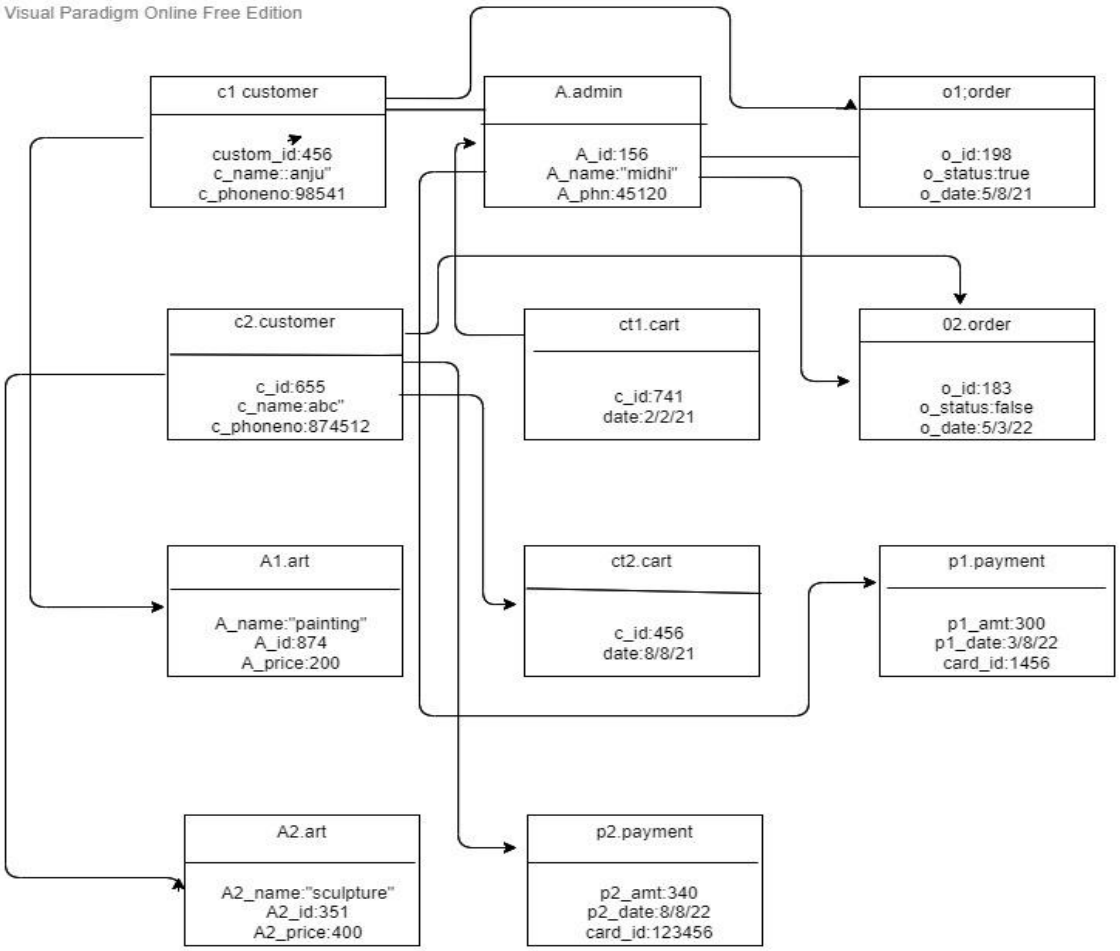
# Login


Visual Paradigm Online Free Edition
Admin Registered
Start
Admin login id & pass
Check Login ID pass
Invalid login/pass
Login to system success
User level & permission
End
Access internet & functionalities according to permission
Visual Paradigm Online Free Edition

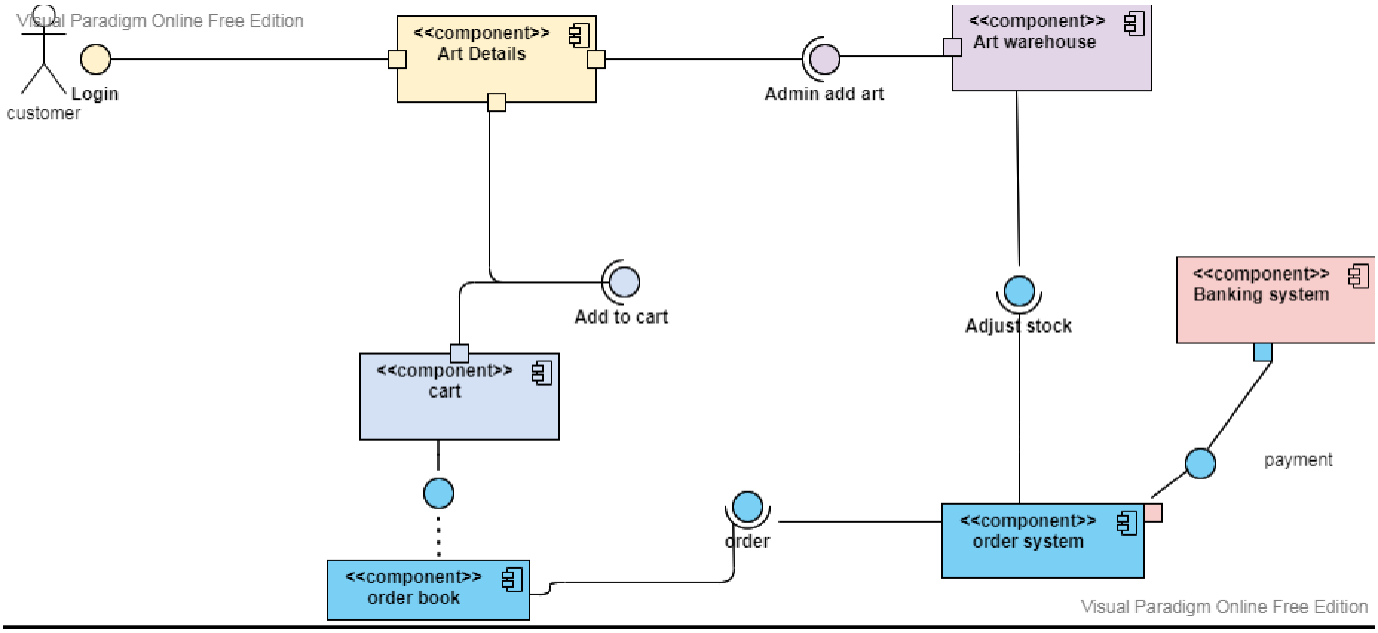
**CLASS DIAGRAM**



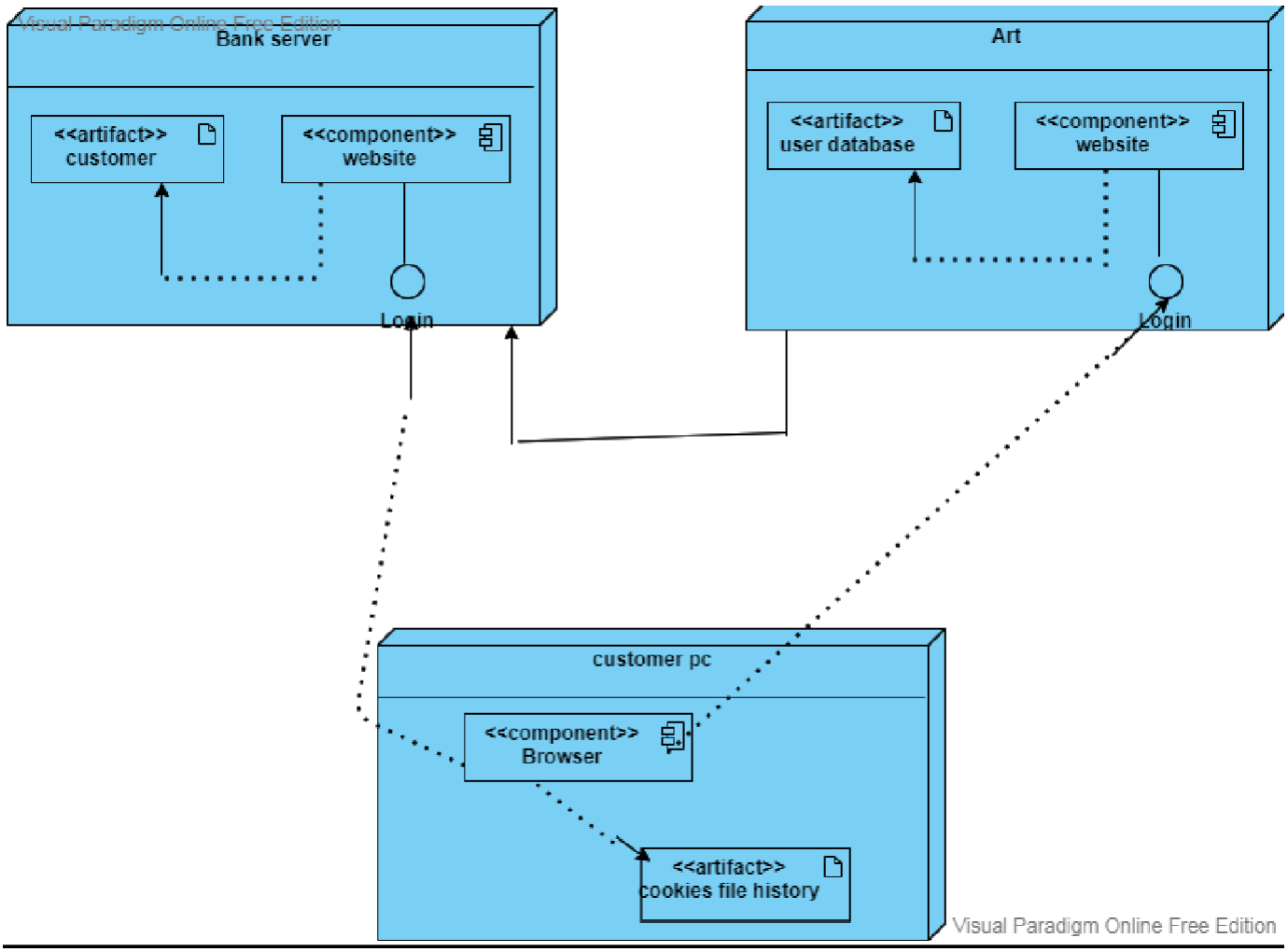

# Object diagram


Visual Paradigm Online Free Edition
c1 customer
custom_id:456
c_name::anju"
c_phoneno:98541
A.admin
A_id:156
A_name:"midhi"
A_phn:45120
o1;order
o_id:198
o_status:true
o_date:5/8/21
c2.customer
c_id:655
c_name:abc"
c_phoneno:874512
ct1.cart
c_id:741
date:2/2/21
02.order
o_id:183
o_status:false
o_date:5/3/22
A1.art
A_name:"painting"
A_id:874
A_price:200
ct2.cart
c_id:456
date:8/8/21
p1.payment
p1_amt:300
p1_date:3/8/22
card_id:1456
A2.art
A2_name:"sculpture"
A2_id:351
A2_price:400
p2.payment
p2_amt:340
p2_date:8/8/22
card_id:123456

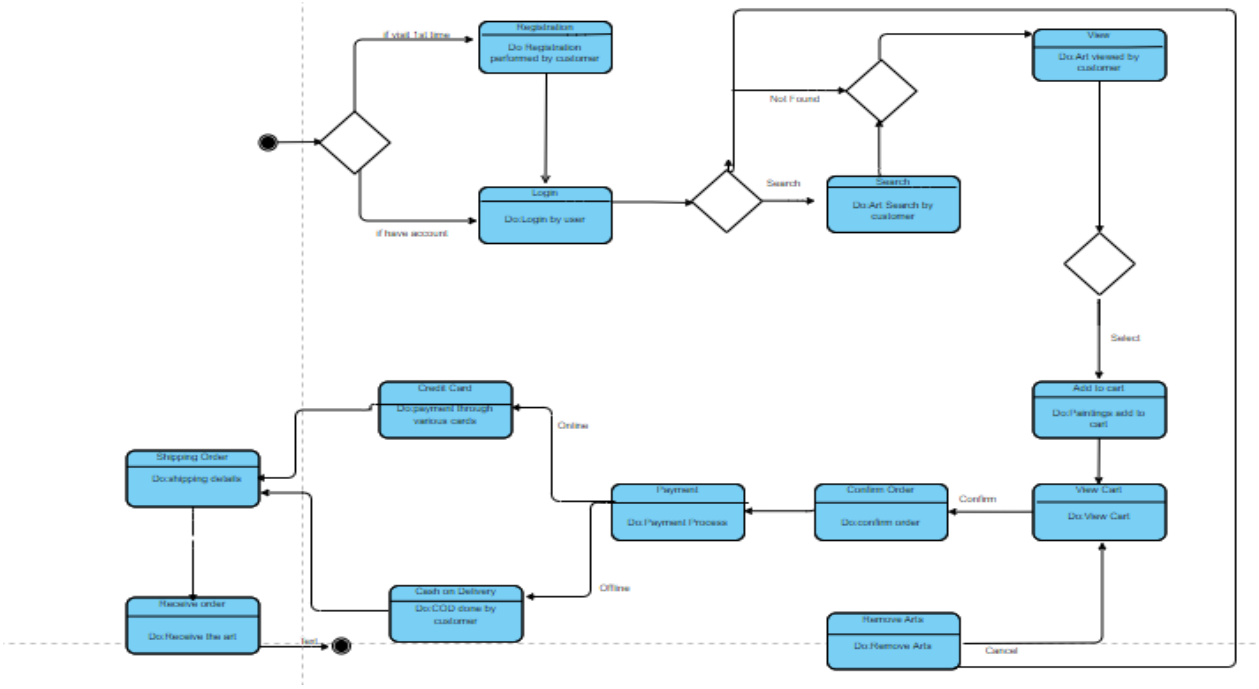
## Component Diagram



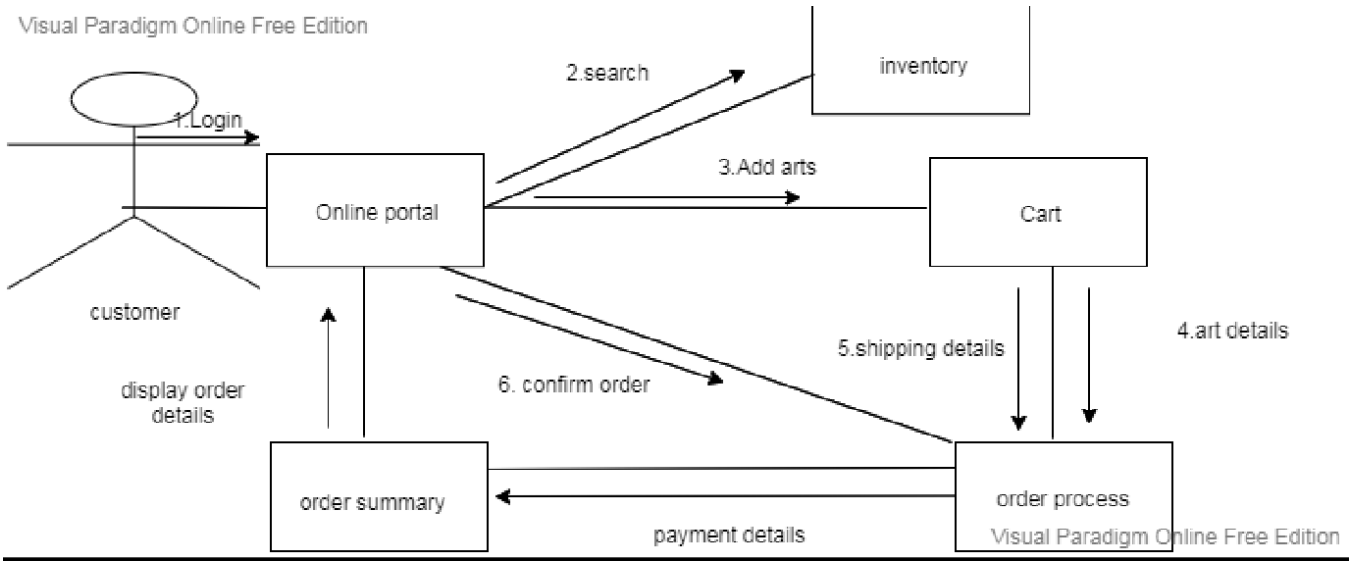

## Deployment Diagram


Visual Paradigm Online Free Edition
Bank server
<<artifact>>
customer
<<component>>
website
Login
Art
<<artifact>>
user database
<<component>>
website
Login
customer pc
<<component>>
Browser
<<artifact>>
cookies file history
Visual Paradigm Online Free Edition

## State Chart




## Collaboration Daigram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inventory
2.search
1.Login
3.Add arts
Online portal
Cart
customer
4.art details
5.shipping details
display order details
6. confirm order
order summary
order process
payment details
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