



# CHRIST

(DEEMED TO BE UNIVERSITY)

B A N G A L O R E • I N D I A

## V-AUCT

by

Aakash Singh (2147201)

Gyan R Gartia (2147216)

Sandeep G (2147232)

Under the guidance of

Mr. Sibu Cyriac

A Project report submitted in partial fulfillment of the  
requirements for the award of degree of Master of  
Computer Applications of CHRIST (Deemed to be  
University)

May – 2022



# CHRIST

(DEEMED TO BE UNIVERSITY)

B A N G A L O R E • I N D I A

## CERTIFICATE

*This is to certify that the report titled **V-AUCT** is a bona fide record of work done by **Aakash Singh (2147201)**, **Gyan R Gartia(2147216)**, **Sandeep G (2147232)** of **CHRIST (Deemed to be University)**, Bengaluru, in partial fulfillment of the requirements of III Trimester MCA during the year 2022.*

**Head of the Department**

**Faculty In charge**

Valued-by:

Names : Aakash Singh  
Gyan R Gartia  
Sandeep G

Register Number(s) : 2147201  
2147216  
2147232

Examination Centre : CHRIST (Deemed  
to be University)

Date : 22 - May – 2022



## **ACKNOWLEDGEMENT**

We are thankful to all those who have directly or indirectly contributed to creating this project & helped us a lot to make it a great success. We would get excellent and valuable experience that will change our careers.

We grab this opportunity to introduce the project of VAUCT as a part of our 3rd Semester MCA.

First, we would like to express our sincere gratitude to Mr. Siby Cyriac for giving us the great opportunity of the RDBMS Project. We also want to thank him for giving guidance & constant inspiration with valuable suggestions during our project work.

We are incredibly thankful to every faculty member, as they share their valuable time with us for our project and solve our problem.

We are grateful to all the members of our team and friends who helped us with our project.

## **ABSTRACT**

An online auction is an auction that is held over the internet. It is a popular method for buying and selling products and services. Online Auction Systems helps customers sell and buy the product at the best price. It is developed to make the system reliable, easier, and fast. This application is used to sell anything on the website from the house. This application is used to sell anything on the website from the house. It was developed to make the system reliable, easier, and fast. The application is made as simple as surfing a website. Thereby non-technical persons can also interact with the processing of the application easily.

# **1 INTRODUCTION**

## **1.1 OVERVIEW OF PROJECT:**

One of the ways the industries and governmental bodies find the best dealer is by organizing tenders. Similarly, one individual or organization like a bank can get the highest possible amount for a collectible or a property through an auction. The people who make money from buying and selling antique pieces or collectibles depend mainly on auctions.

Also, in the current trend, all the NFTs (Non-Fungible Token) are sold through the auctions. Auctions change the value of the property based on the demands from collectors. Most of the auctions and tenders are not visible to the public; hence the fresh collectors find it difficult to get what they want. V-Auct is a platform for the users where any authorized user will be able to see the auctions around him (both online and offline) and be able to host auctions. V-Auct also provides an active forum for the collectors and tenders where they can exchange their knowledge and auctions that are taking place.

## **1.2 EXISTING SYSTEM AND DISADVANTAGES:**

An online auction system is a web application where sellers and buyers come together to complete the deal. The seller needs to be a registered user of the website. The buyer can be anyone, but the buyer also needs to disclose contact details on purchase.

Often the online Enterprise Auction system (Online procurement management) caters to the variety of product selling. Hence it must be scalable and extensible to future needs. The potential bidders should be able to browse through the website for the desired product and put a bid through a secure server.

In the Auction system, a seller posts the details of a product for sale, and multiple potential buyers put their bid price. The auction can be limited for a certain period. If this auction is viewable during its life cycle - it is called a 'live auction.' Often in a live auction, the participants should be able to edit the prices. There may be different conditions as per the online auction system needs. The newly requested price can be lower and handled efficiently per the business logic.

BIDSPOTTER - Buy and sell industrial, commercial, plant, and machinery equipment through BidSpotter, an online auction site dedicated solely to business equipment. Sellers are professional auctioneers and usually have companies available to ship their items after winning.

BidSpotter is owned by Auction Technology Group, which has over 2,000 auction houses using its technology and lists over 12 million lots each year. Eight billion dollars' worth of items sold per year makes it one of the largest online auction websites in the world. It is the best online auction website for business equipment because it does not cost anything to bid. Users only pay for their winning item. The auctioneers can even set users up with a company to ship the equipment to other users.

GSA Auctions: It is the best online auction website for government surplus items because it is an official government website run by the General Services Administration. Users are not paying a markup to a website pretending to be affiliated with the government. Every listing has a minimum reserve price, which means that even if the user is the highest bidder, they may not win the auction. However, GSA Auctions may email the user and accept their price even if it does not meet that minimum reserve.

#### **DISADVANTAGES:**

- To sell on bidspotter, the user must be a qualified and licensed auctioneer or consign your items to one of their auctioneers. In V-Auct, a newly registered user with a proof of ownership and product originality can buy/sell/view items available on the lot.
- Some auctioneers require a deposit and buyer's premium, whereas it's not required in V-Auct.
- Users must register for each auction to view and participate.
- While quality standards are required, bidspotter makes no representation, warranty, or guarantee about an item's authenticity, origin, age, or condition. On the other hand, V-Auct assures a full warranty and guarantee about an item's authenticity and condition.
- In GSA auctions, if the auction does not meet the minimum reserve, the bidder/user does not win the auction even if they are the highest bidder, while in V-Auct, the highest bidder wins the bid.
- The Reserve price is never listed in GSA auctions, whereas the reserve price is listed in V-Auct.

### **1.3 PROPOSED SYSTEM AND ADVANTAGES:**

V-Auct is a virtual auctioning system web-based platform where an authorized user can host private events for auctioning and tendering. The host will generate a unique ID and share it with his fellow peers, which will also increase the security of the auctioning. Also, this platform has a variety of forums where, as a collector, users can search for the products and bid on them. The highest bidder

will get the product after the payment. They can also discuss them with various other collectors and share helpful information.

As in tender management, the user can get the available tender by accessing the system. To access the system, they need to register with the system. The interested user can fill out the form directly on the web, so there will be no need to send the tender by post. The user will send the quotation amount, and based on the user's quotation, the tender will be given to the user having the highest quotation amount. The user will also get a notification about any new tender through the system. As all the work is happening from the system, the information will be secure as no other person will access the system.

### **ADVANTAGES**

- No need to deal with the noisy crowd like in a conventional system. Here, users can sit and bid from anywhere and anytime.
- Excludes general frustration that usually happens while bidding in a conventional system.
- No schedule constraint means the bidder can bid any time and from anywhere.
- The bidding process can be conducted on a global scale.

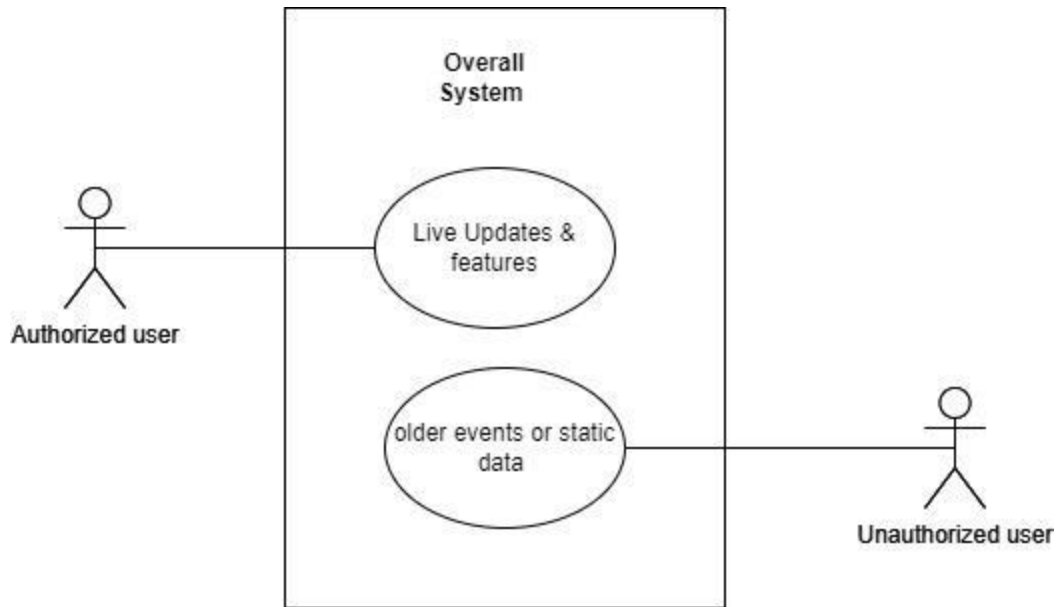
## **2 REQUIREMENT SPECIFICATION**

### **2.1 REQUIREMENT DESCRIPTION WITH ANALYSIS MODEL**

#### **2.1.1 Overall System:**

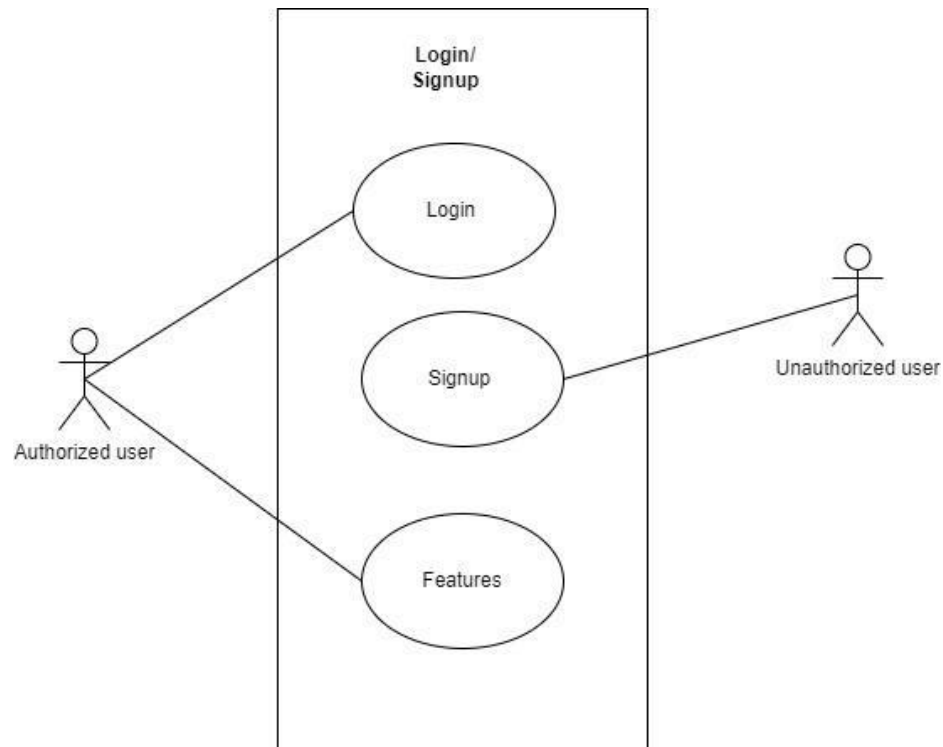
- **Unauthorized user:**
  - The overall system always provides basic information about the auctions and about the system itself to any unauthorized user.
  - This kind of user will be restricted to view only limited features like just viewing public auctions that already took place around him.
  - The unauthorized user will not be able to participate in any of the auctions.
  - And restricted to just view the forums that are public.
  - The system does provide an option to always register and login with his email.
- **Authorized User:**
  - Once the user has been logged in, the user is able to see the live updates of the auctions or tenders that are taking place around him.
  - The user can be able to participate in the auctions around him.
  - All the features like participating in an auction or notifications for the events he or she has been interested in and many other features unlocked and only available for the authorized users.





### 2.1.2 Login and user management:

- To use all the features of the system the user must be an Authorized user (the User must be signed in).
- The system provides an option for users to register using their details like name, email, and phone number etc. or using their google account.
- Once the user logged in before redirecting to the platform the system cross checked to the database and authenticated.
- If at all the user is not authenticated, it redirects back to the login page saying as an error in the authentication.
- If no error is found it redirects to the page where the user was previously was or by default it redirects to the home page with the user session created.
- Based on the actions the user is going to perform, all the users will have a role which determines and limits some of the features in an event.



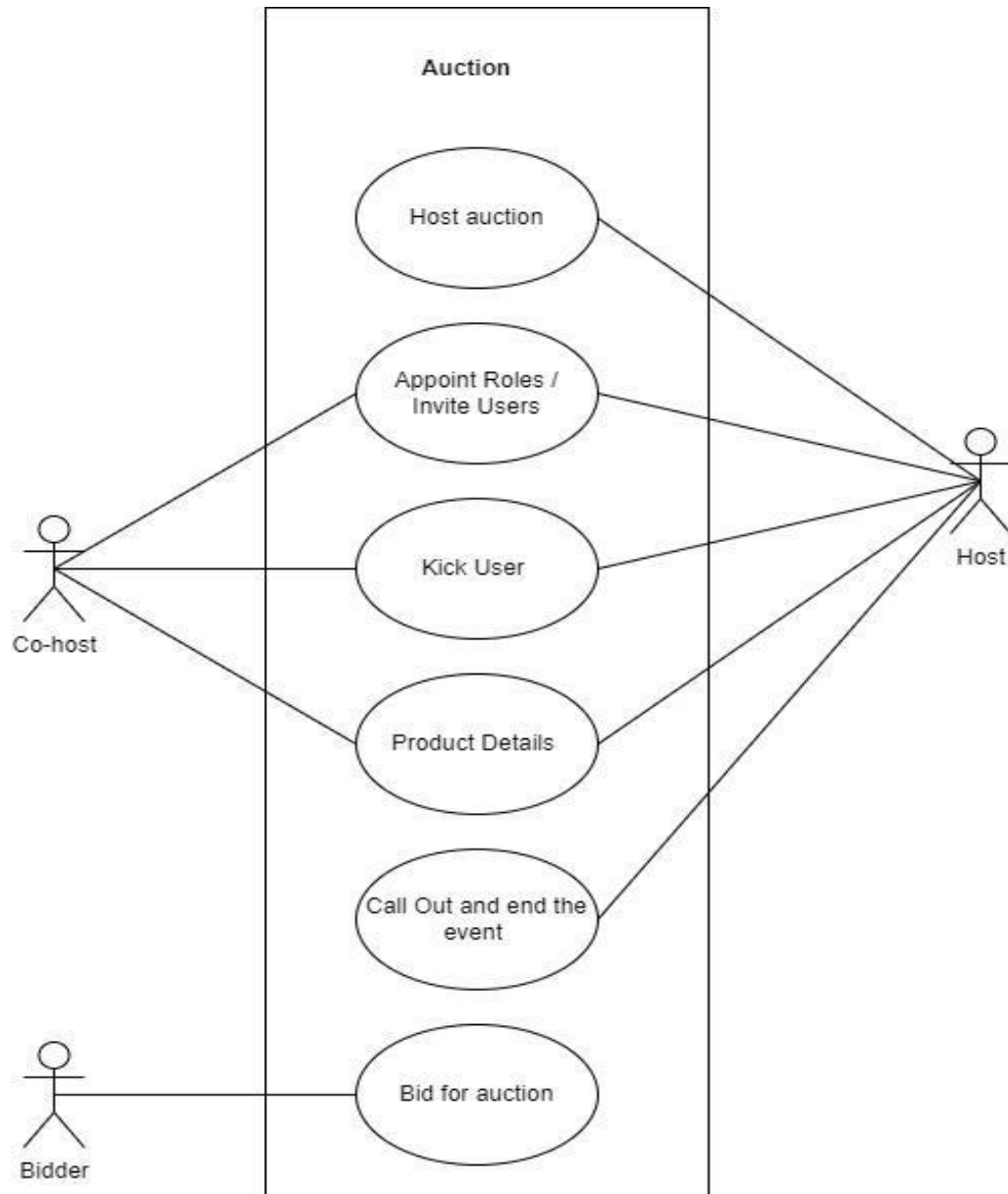
### 2.1.3 Auction:

Once the user is logged in, he/she is able to see the live auctions that are taking place. The auctions are of two types.

- **Private:**
  - Any user who logs in can host an event, the system provides him with a form asking the details of the event and the product that they are selling.
  - Here the host must add the users either by friends list or by their email id or by sharing the event code.
  - As soon as an event is hosted, the user who hosts the event is given a role named host. Also, the host can assign the role of co-host/event admins.
  - Host and co-host share the same feature of maintaining the auction and manage and clear the user's doubts.
  - The user who is joining the event other than co-host and host are given the role as bidder.
  - The Bidder will be able to see the product details and the highest bid and will be able to bid for the same.
  - The host will have the options to call to end the bid of the current product, manage the users, and end the event once it finishes.

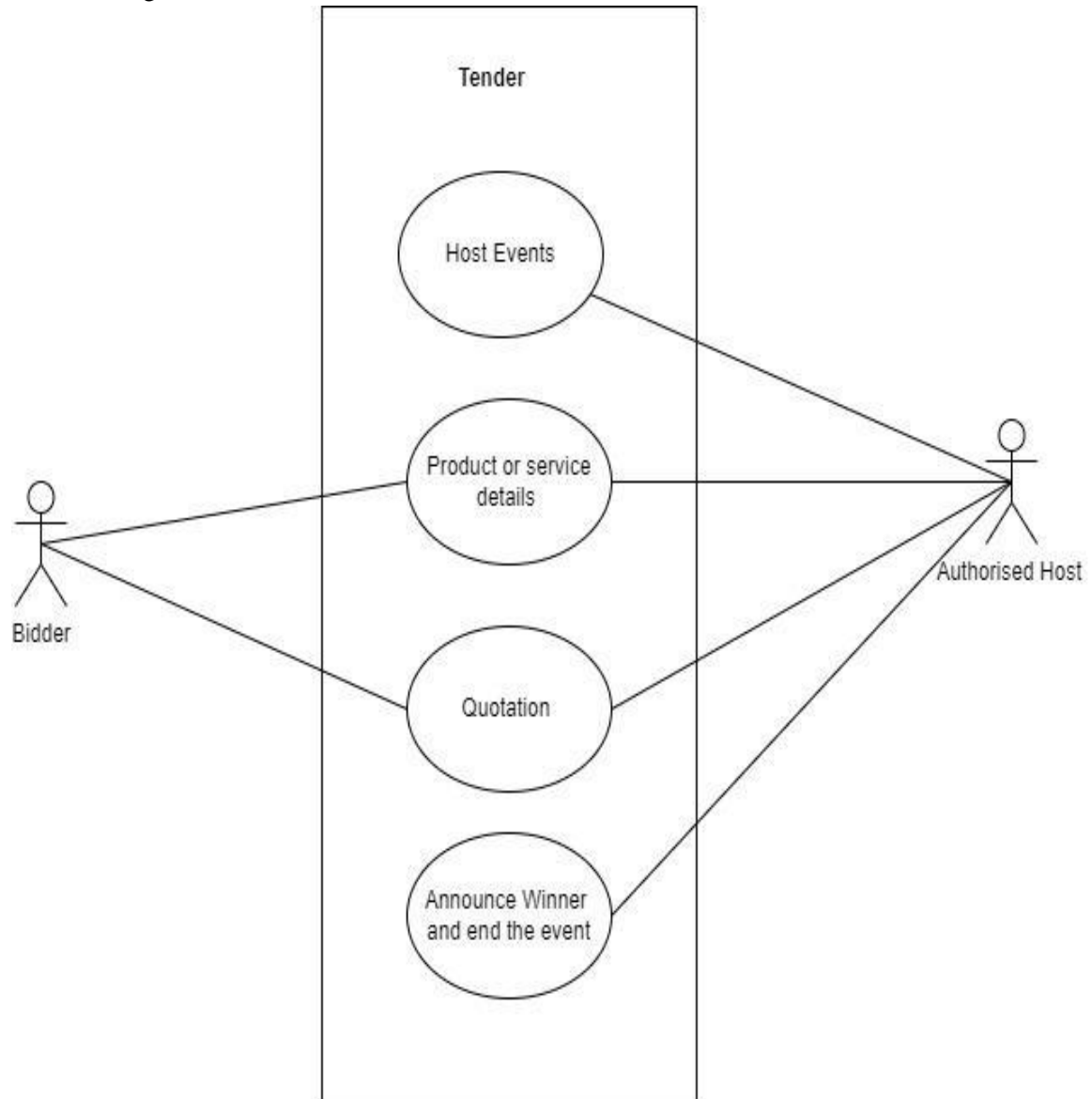
- **Public:**

- Unlike the private events the seller who wants to host public events must complete another level of background check like GSTIN number or verified seller certificates, etc.
- Similarly, to the private events a unique code for the event is generated as well as a public link and post in the active auctions.
- Also, the roles are provided to everyone based on their auctions and requests.
- Any individual can also host the public events directly



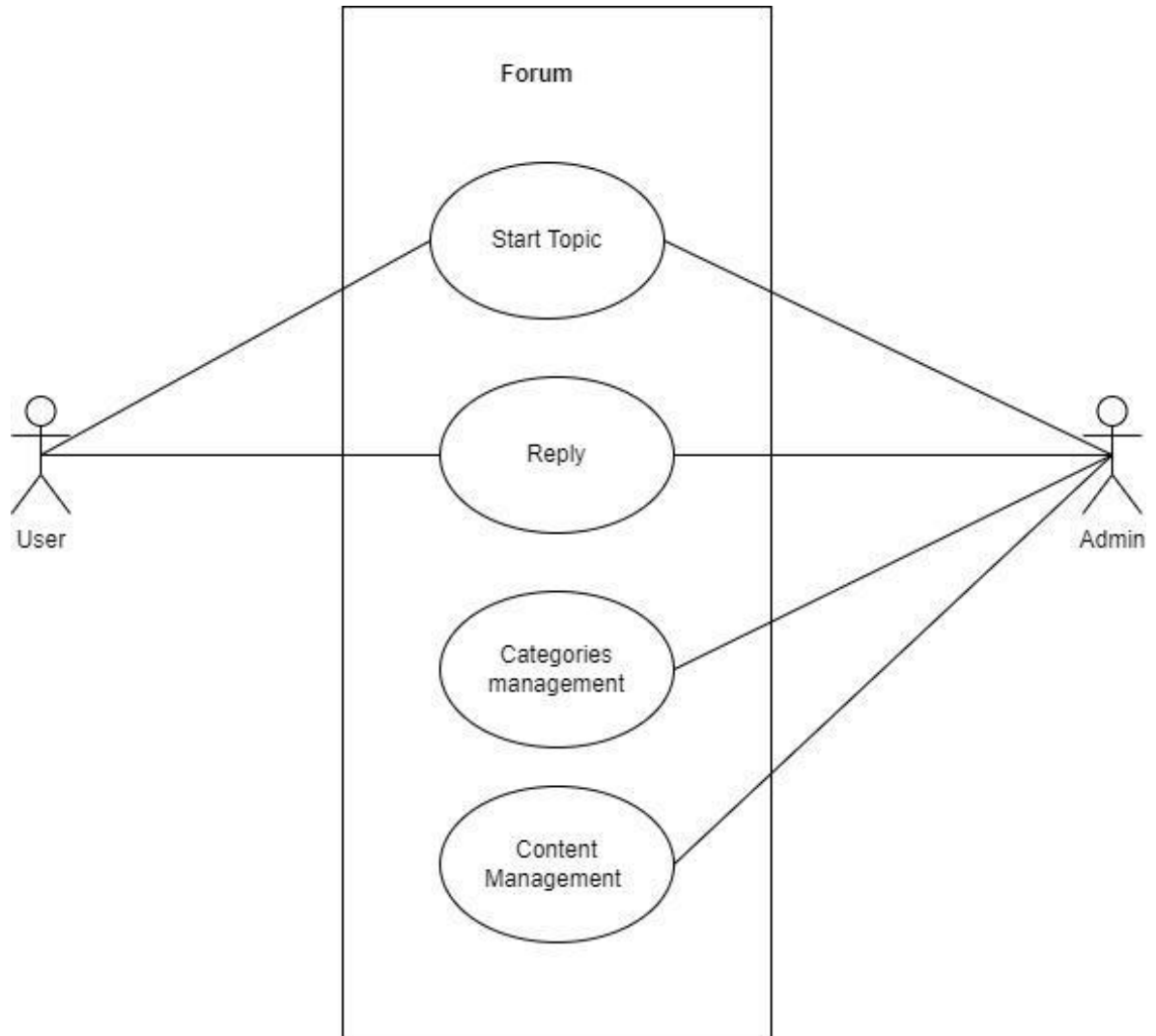
#### 2.1.4 Tenders:

- Tenders are usually organized by the industries or any small business, so the system makes sure the seller is genuine by an extra level of verification.
- Here the system allows the user to create a tender is which is public and can be seen by anyone
- Like the auction the system allocates the roles for every user who participates in the event.
- Anyone who is authorized can make a quotation to the tender problem which is not visible until the results.
- The host can wait till the event gets over and find the lowest or highest quotation the user has given and choose the winner.



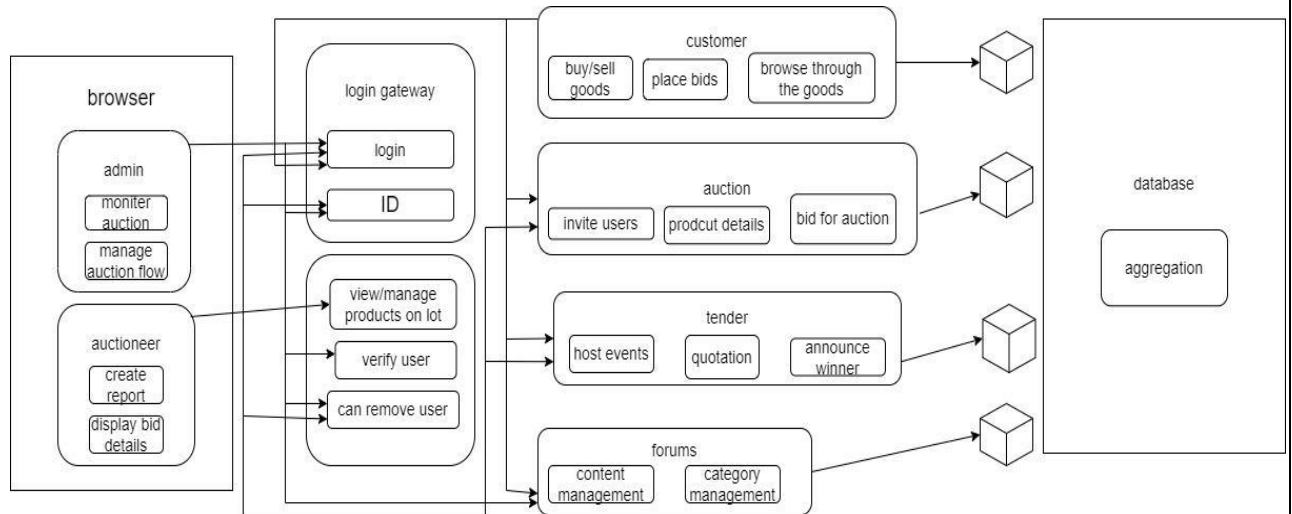
### 2.1.5 Forums:

- The user must be authorized to write or reply in the forum.
- The system allows the user to ask a question or reply to the previous questions.
- Also have an active forum where anyone can share their thoughts and exchange information.
- All these posts and replies are monitored by the admin just in case any user tries to violate the rules. Any user can also report the posts and comments that are violating the rules of the community.



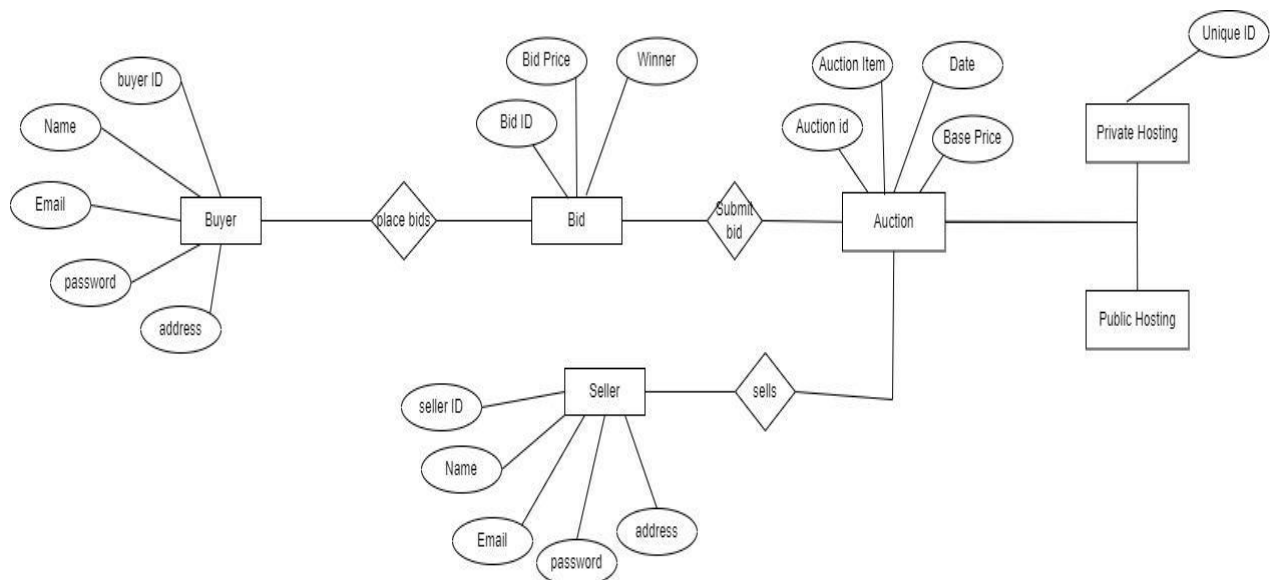
### 3 DETAILED DESIGN

#### 3.1 ARCHITECTURAL DIAGRAM

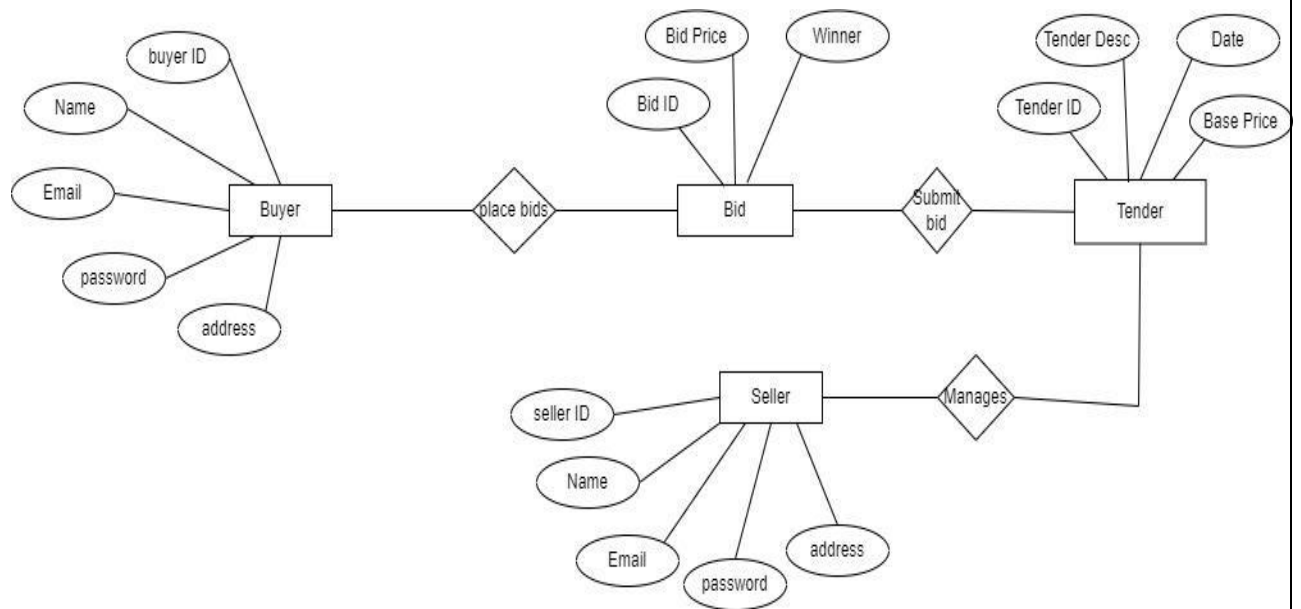


#### 3.2 ENTITY RELATION DIAGRAM

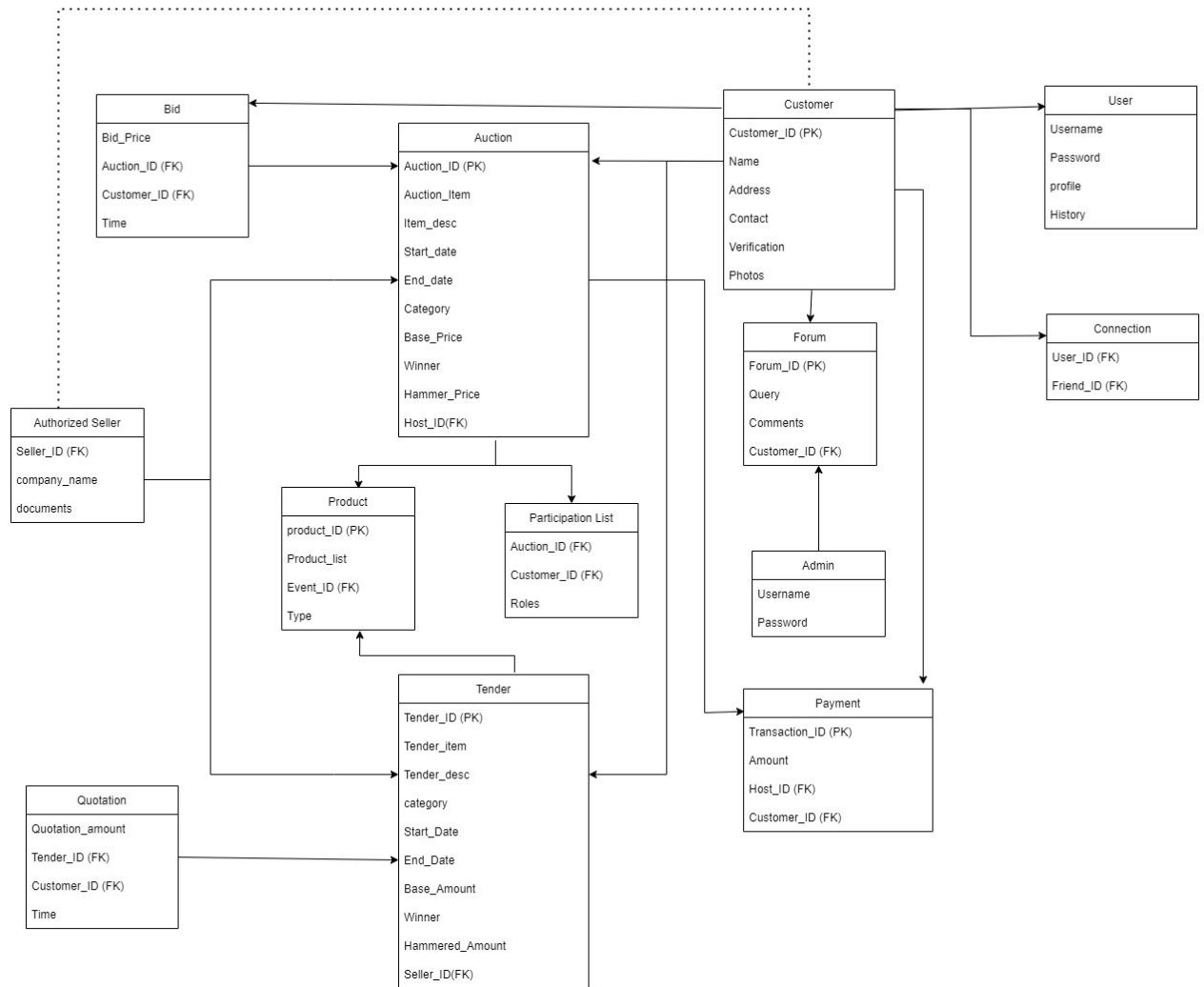
##### 3.2.1 Private and Public Hosting:



### 3.2.2 Tender Management



### 3.3 RELATIONSHIP SCHEMA:





### 3.4 TABLE DESCRIPTION:

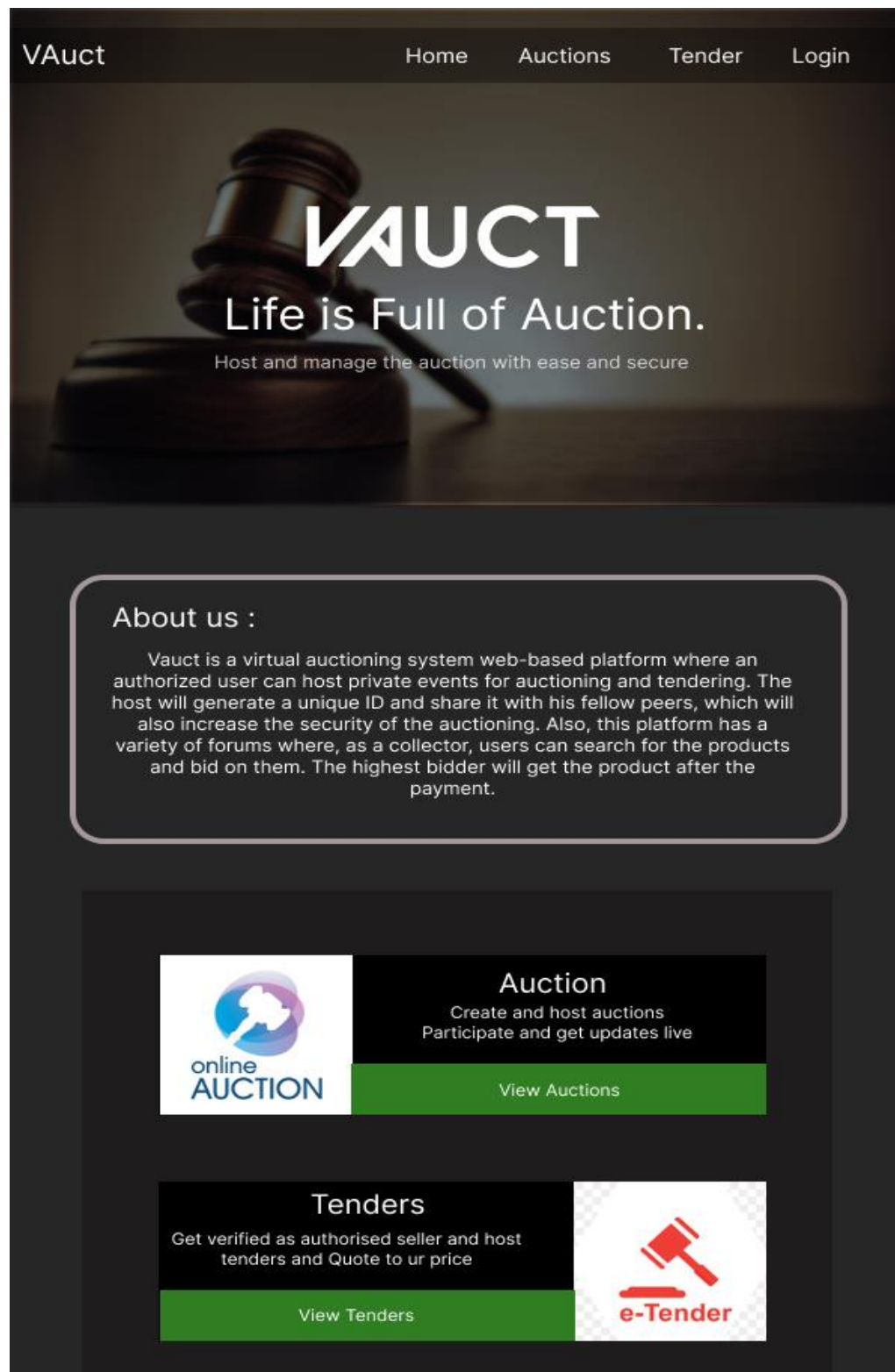
Table name	Description	Column name	Datatype	Constraint
<b><i>Bid</i></b>	This table consists of all the information about the bid amount.	Bid_ID	int	Primary Key
		Bid_price	long	not null
		Time	date	not null
		auction_ID	int	Foreign Key
		customer_ID	int	Foreign Key
<b><i>Authorized_seller</i></b>	This table consists of details about the authorized seller	Seller_ID	int	Primary Key
		documents	blob	not null
		company_name	varchar(50)	not null
<b><i>auction</i></b>	This table contains all information about the auction.	auction_ID	int	Primary Key
		auction_item	varchar(300)	not null
		item_desc	varchar(300)	not null
		start_date	date	not null
		end_date	date	not null
		category	varchar(200)	not null
		base_price	long	not null
		hammer_price	long	not null
		winner	varchar(50)	not null
		host_ID	int	Foreign Key
	This table consists	product_ID	int	Primary Key

<b>Product</b>	of the details about the product to be sold	product_list	varchar(50)	not null
		type	varchar(100)	not null
		Event_ID	int	not null
<b>Participation List</b>	This table consists of the details of participants	auction_ID	int	Foreign Key
		customer_ID	int	Foreign Key
		roles	varchar(50)	not null
<b>tender</b>	This table contains all information about the tender.	tender_ID	int	Primary Key
		tender_item	varchar(100)	not null
		tender_desc	varchar(250)	not null
		start_date	date	not null
		end_date	date	not null
		base_amount	long	not null
		hammer_amount	long	not null
		winner	varchar(50)	not null
		seller_ID	int	Foreign Key
<b>Quotation</b>	This table consists of all the information about the quotation amount.	quotation_ID	int	Primary Key
		quotation_amount	long	not null
		Time	date	not null
		tender_ID	int	Foreign Key
		customer_ID	int	Foreign Key
	This table consists	customer_ID	int	Primary Key

<b>customer</b>	of all the details of the customer	name	varchar(50)	not null
		contact	int	not null
		photos	blob	
		address	varchar(100)	not null
<b>User</b>	This table contains the details of users	username	varchar(30)	unique
		password	varchar(30)	not null
		profile	varchar(1000 )	not null
		history	varchar (1000)	not null
<b>Connection</b>	This table contains the details of user and his peer connections	user_ID	varchar(50)	not null
		friend_ID	varchar(50)	not null
<b>forum</b>	This table contains the forum information	forum_ID	Int	Primary Key
		query	varchar(1000 )	not null
		comments	varchar(1000 )	not null
		customer_ID	int	Foreign Key
<b>admin</b>	This table consists of the login details of the admin	username	varchar(50)	not null
		password	varchar(50)	not null
<b>Payment</b>	This table has details about the	transaction_ID	int	Primary Key
		host_ID	int	Foreign key

	payment and transaction	customer_ID	int	Foreign key
		amount	varchar(50)	not null

### 3.5 INTERFACE DESIGN



## Top Forums



### Guns

3.29k Members



### Cars

3.29k Members



### Coins

3.29k Members

Connect with us On:



VAuct Limited

## **4 CONSTRUCTION**

### **4.1 SOFTWARE ENVIRONMENTS:**

CLIENT SIDE:

- HTML
- CSS
- JAVA SCRIPT
- AJAX
- jQuery
- Bootstrap

DATABASE:

- MySQL

SERVER SIDE:

- Node JS: (handle a large amount of simultaneous connection)
- Express JS: (designing and building web applications quickly and easily)
- Socket.IO

### **4.2 HARDWARE ENVIRONMENTS:**

Minimum system which can runs web browser

i.e., Windows/MAC/Linux

PROCESSOR: i3

WEB BROWSER: Mozilla, Google Chrome, Microsoft Internet Explorer

RAM: minimum 2 GB

STORGE: 10 GB

## 5 TESTING

### 5.1 TEST CASES:

Test Case ID	Test case	Test Case Description	Requirement ID	Execution Steps	Expected Result
<b>Login</b>					
1	Navigate to Login page	Check Whether the user can navigate to the login page		1. Open the website 2. Able to view and click on the Login Button	Redirect to the login Page
2	Successful login	Check whether the user can login to the system using the username and password they are registered with.		1. Navigate to the login page 2. Enter the User details 3. Click on login	Successful Login and Redirect to Home page
3	Invalid user Credentials	The system must not let the user to login if the Username and password entered are Invalid		1. Open the login page 2. Enter the Login Credentials 3. If the credentials are valid, then show the user invalid username or password 4. Else Login	If the user credentials inputted is invalid show an error and Restrict from logging in
	Invalid user Credentials	If the username or password		1. Open the login page 2. Enter the Login Credentials 3. If the credentials is valid then show the user invalid username or	If the username or password is invalid and the user clicks on the login button system will print "Invalid username/password" and the login page will reload to enter the credentials again.



				password 4. Else Login	
<b>Navigation</b>					
4	Navigation	the system must provide the links and to navigate to all the functional pages of the system from any other webpage in the system		1. Open the web app 2. Able to view and access the navigation panel on all the functional pages	Redirect to the respective pages when clicked
<b>Auction</b>					
5	Host Auction	Any user who logs in can host an event, the system provides him with a form asking the details of the event and the product that they are selling.		1. Navigate to the auction page 2. Click on Host Auction Button 3. Fill the form	Able to access and fill the forms
6	Add products	The user who hosts the auction must be able to add the products which they are selling		1. Fill the Basic form to the Auction 2. Fill the Form to add the products 3. Click add to add the products	able to access and fill the product form to add the products able to view and edit the products added
7	Invite the friends	The Host can be able to send invites to the user to participate in the auction		1. Fill the form for auctions 2. add the products 3. In the invite Friends Add the in-app friends 4. Also, able to invite the friends using the Unicode of the auction	Able to send invites via in-app invites as well as by sending the unique code of the Auction
8	Join and auction	The bidder can join the auction by invites		1. Navigate to the auction page	Able to join to an auction by any of the methods

		received in the webapp or by an auction code generated		2.Input the Auction code and click Join 3. Or navigate to the invites Link in the user dashboard 4. Join the auction the host have invited to	
9	Bid for a product	Once the auction has started the bidder can be able to bid for the products and live bid amount must be updated		1. Join an auction 2.Once the host have started the auction 3. The user can view the product and bid for the product	able to bid for the product and bid amount must be visible to all the other users joined the auction
10	Calling the bid	The Host can be able to call the bid and end the bid for that product once there is no more bid from the bidders		1. Start the Auction 2. receive the bids from the bidders 3. Once there are no more bids from the bidders 4. Click “Call Bid “ thrice to end the bid for that product	Able to view all the bids and call the bid with an interval of time to end the bid
<b>Tender</b>					
11	Host Tender	Any user who logs in can host an event, the system provides him with a form asking the details of the event and the product or the service that they are selling.		1. Navigate to the Tender page 2. Click on Host Tender Button 3. Fill the form	Able to access and fill the forms

12	Invite the friends	The Host can be able to send invites to the user to participate in the auction		1.Fill the form for tenders 2. In the invite Friends Add the in-app friends 3. Also, able to invite the friends using the unicode of the Tender	Able to send invites via in-app invites as well as by sending the unique code of the Tender
13	Join and Give Quotation	The person can join the tender by invites received in the webapp or by an auction code generated		1. Navigate to the tender page 2.Input the tender code and click Join 3. Or navigate to the invites Link in the user dashboard 4. Join the tender the host have invited to	Able to join to a Tender by any of the methods
14	send Quotations	Once the tender has started the user can be able to send the quotation for the service		1. Join a tender 2.Once the host have started the tender 3. The user can view the product /service and quotate for the it	able to send quotation for the product/service
15	result announcements	The Host can be able to view all the quotations and choose one as the winner which will be announced as the result		1. Once the host have received the best price for the service or the products 2. should be able to choose one as the winner	Able to view all the quotations and choose the winner

				and announce it	
<b>Registration</b>					
16	Navigate to Registration page	Check Whether the user can navigate to the registration page		1. Open the website 2. Able to view and click on the Register Button	Redirect to the registration Page
17	Successful registration	Check whether the user can register to the system using the username, email, and password.		1. Navigate to the registration page 2. Enter the User details 3. Click on login	Successful registration and Redirect to the login page to log in.
18	Invalid user Credentials	The system must not let the user register if the username, email, and password entered are invalid.		1. Open the registration page 2. Enter the user details 3. If the password is invalid and the email already exists, show the user invalid password or email already exists. 4. Else register	If the user credentials inputted are invalid, show the error and restrict them from registering.
<b>Forum</b>					
19	Add, update, or delete form	Any user who logs in can add, update, or delete in the forum. The system provides him a form where the users should be able to write messages and post output and		1. Open the forum page 2. Enter the details or message or query 3. Post it on the forum section	Able to access and fill out the forms and post them in the forum section.

		then add it to the forum.			
20	Users should be able to view and comment on the post in the forum.	Users can view posts in the forum and comment / reply to them. Even the admin can also reply to the posts.		1. Open the forum page 2. View the posts 3. Comment / Reply to the post.	Able to view and comment/reply to the posts in the forum section.

## 5.2 MODULE INTEGRATION PLAN

For the database, we created the tables in a single system and then exported them, So the other members could import and use them accordingly.

Any other table(s) created is exported and shared on GitHub.

Each one of us was working on their domain. We uploaded our part of the project to GitHub, and the changes we made are also updated regularly. This also helped us to roll back any changes that were made.

UI designing and connecting it to the backend were going hand to hand.

After completing everyone's domain, we integrated it according to the project plan.

## 5.3 TEST RESULTS

Test Case ID	Test case	Test Case Description	Test Case Steps	Expected Output	Actual Output	Status
<b>Login</b>						
1	Navigate to Login page	Check Whether the user can navigate to the login page	1. Open the website 2. Able to view and click on the Login Button	Redirect to the login Page	Redirected to the login page	Pass
2	Successful login	Check whether the user can login to the system using the username and password they are registered with.	1. Navigate to the login page 2. Enter the User details 3. Click on login	Successful Login and Redirect to Home page	Successfully logged in and redirected to home page	Pass



6	Host Auction	Any user who logs in can host an event, the system provides him with a form asking the details of the event and the product that they are selling.	1. Navigate to the auction page 2. Click on Host Auction Button 3. Fill the form	Able to access and fill the forms		pass
7	Add products	The user who hosts the auction must be able to add the products which they are selling	1. Fill the Basic form to the Auction 2. Fill the Form to add the products 3. Click add to add the products	able to access and fill the product form to add the products able to view and edit the products added		pass
8	Invite the friends	The Host can be able to send invites to the user to participate in the auction	1.Fill the form for auctions 2. add the products 3. In the invite Friends Add the in-app friends 4. also able to invite the friends using the Unicode of the auction	Able to send invites via in app invites as well as by sending the unique code of the Auction		fail
9	Join and auction	The bidder can join the auction by invites received in the webapp or by an auction code generated	1. Navigate to the auction page 2.Input the Auction code and click Join 3. Or navigate to the invites Link in the user dashboard 4. Join the auction the host have invited to	Able to join to an auction by any of the methods		fail
10	Bid for a product	Once the auction has started the bidder can be able to bid for the products and live bid amount must	1. Join an auction 2.Once the host have started the auction 3. The user can view the product and bid for the product	able to bid for the product and bid amount must be visible to all the other		pass

		be updated		users joined the auction		
11	Calling the bid	The Host can be able to call the bid and end the bid for that product once there is no more bid from the bidders	1. Start the Auction 2. receive the bids from the bidders 3. Once there are no more bids from the bidders 4. Click “Call Bid” thrice to end the bid for that product	Able to view all the bids and call the bid with an interval of time to end the bid		pass
<b>Tender</b>						
12	Host Tender	Any user who logs in can host an event, the system provides him with a form asking the details of the event and the product or the service that they are selling.	1. Navigate to the Tender page 2. Click on Host Tender Button 3. Fill the form	Able to access and fill the forms		pass
13	Invite the friends	The Host can be able to send invites to the user to participate in the auction	1.Fill the form for tenders 2. In the invite Friends Add the in-app friends 3. also able to invite the friends using the Unicode of the Tender	Able to send invites via in app invites as well as by sending the unique code of the Tender		fail
14	Join and Give Quotation	The person can join the tender by invites received in the webapp or by an auction code generated	1. Navigate to the tender page 2.Input the tender code and click Join 3. Or navigate to the invites Link in the user dashboard 4. Join the tender the	Able to join to a Tender by any of the methods		pass



			host have invited to			
15	Send Quotations	Once the tender has started the user can be able to send the quotation for the service	1. Join a tender 2. Once the host have started the tender 3. The user can view the product /service and quoted for the it	able to send quotation for the product/service		fail
16	result announcements	The Host can be able to view all the quotations and choose one as the winner which will be announced as the result	1. Once the host have received the best price for the service or the products 2. should be able to choose one as the winner and announce it	Able to view all the quotations and choose the winner		fail
<b>Registration</b>						
17	Navigate to Registration page	Check Whether the user can navigate to the registration page	1. Open the website 2. Able to view and click on the Register Button	Redirect to the registration Page	Redirected to the registration page	Pass
18	Successful registration	Check whether the user can register to the system using the username, email, and password.	1. Navigate to the registration page 2. Enter the User details 3. Click on login	Successful registration and Redirect to the login page to log in.	Successfully registered and redirected to the login page to log in.	Pass

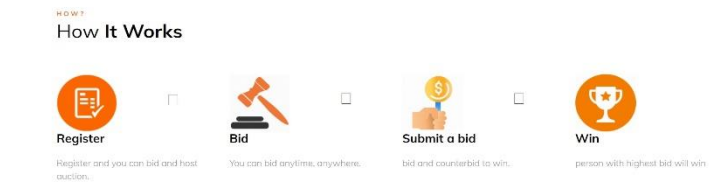
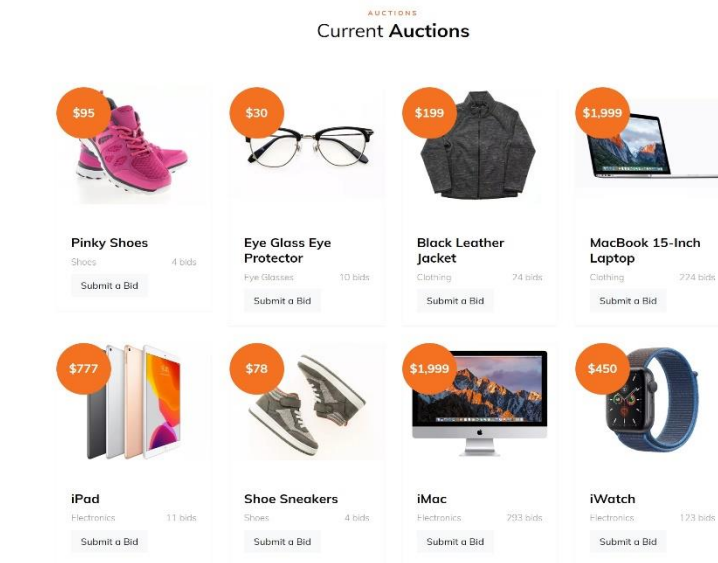
19	Invalid user Credentials	The system must not let the user register if the username, email, and password entered are invalid.	<ol style="list-style-type: none"> <li>1. Open the registration page</li> <li>2. Enter the user details</li> <li>3. If the password is invalid and the email already exists, show the user invalid password or email already exists.</li> <li>4. Else register</li> </ol>	If the user credentials inputted are invalid, show the error and restrict them from registering.	The system successfully shows the error and restricts registering when a wrong credential is inputted.	Pass
20	Invalid user Credentials	The system must not let the user register if the username, email, and password entered are invalid.	<ol style="list-style-type: none"> <li>1. Open the registration page</li> <li>2. Enter the user details</li> <li>3. If the password is invalid and the email already exists, show the user invalid password or email already exists.</li> <li>4. Else register</li> </ol>	If the password is invalid i.e., it does not contain uppercase, lowercase, special characters and its length is less than 8 it will print a message and the submit button will be disabled		pass
<b>Forum</b>						
21	Add, update, or delete form	Any user who logs in can add, update, or delete in the forum. The system provides him a form where the users should be able to write messages and post output and then add it to the forum.	<ol style="list-style-type: none"> <li>1. Open the forum page</li> <li>2. Enter the details or message or query</li> <li>3. Post it on the forum section</li> </ol>	Able to access and fill out the forms and post them in the forum section.	The form is filled out and posted in the forum section.	Pass

22	Users should be able to view and comment on the post in the forum.	Users can view posts in the forum and comment/reply to them. Even the admin can also reply to the posts.	1. Open the forum page 2. View the posts 3. Comment/Reply to the post.	Able to view and comment/reply to the posts in the forum section.	User can view and comment/reply	Pass
----	--	--	--	---	---------------------------------	------

#### 5.4 **DEFECTS**

- In our project, the auctions were supposed to be public so that any user could participate, but we could only do up to the extent that only the user who receives the link can join and bid in the auction, so it's a type of private auction.
- We thought of having a time limit in the live auction, but we didn't implement this in our project.
- The forum management part is only static pages instead of dynamic. The post your answer/ Comment through login isn't working as expected.
- The peer-to-peer connections part was left incomplete
- There was an issue with the winner deciding factor in the auctions for an item that wasn't resolved.

## 6 SCREENSHOTS





## Get more things done with [VAUCT](#)

Access to the most powerfull tool in the  
entire auction industry.

[Login](#) [Register](#)

Register

Or register with [Google](#)



## Get more things done with [VAUCT](#)

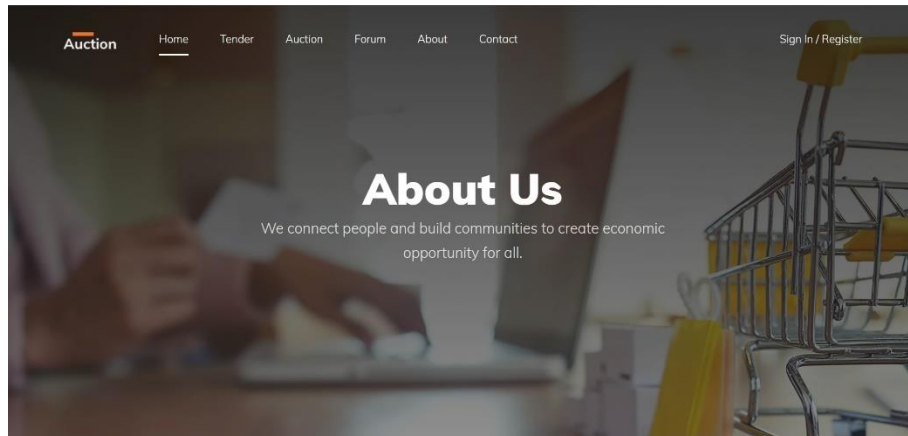
Access to the most powerfull tool in the  
entire auction industry.

[Login](#) [Register](#)

Login

[Forget password?](#)

Or login with [Google](#)



ABOUT:

## About Us

-  Fast Support
-  Happy Customers
-  24/7 Support

3294

Number of Clients

3

Years of Experience

729

Employees

912

Cup of Coffees

OUR TEAM

## Our Team



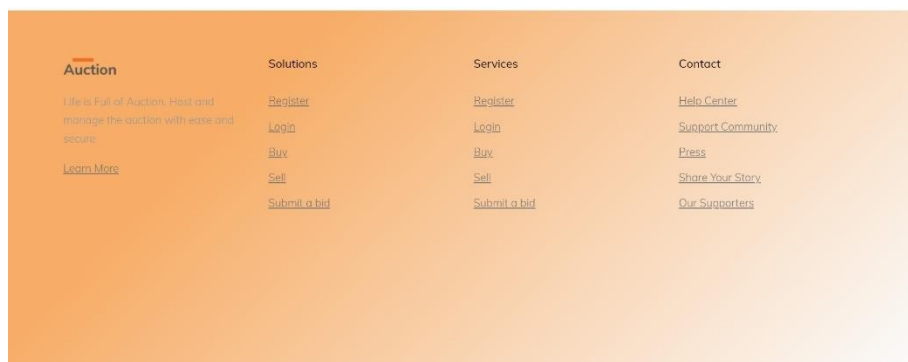
Aakash Singh



Gyan R Gartia



Sandeep G



# Contact Us

We make every effort to continue serving our customers..

## Get In Touch

First Name

Last Name

Message

Enter your message here

Send Message

## Contact Info

### Address

Hosur Rd, Bhavani Nagar, S.G. Palya, Bengaluru, Karnataka  
560029

### Phone

+91 832 3235 324

### Email Address

[email protected]

## Auction

Life is Full of Auction. Host and manage the auction with ease and secure

[Learn More](#)

## Solutions

[Register](#)

[Login](#)

[Buy](#)

[Sell](#)

[Submit a bid](#)

## Services

[Register](#)

[Login](#)

[Buy](#)

[Sell](#)

[Submit a bid](#)

## Contact

[Help Center](#)

[Support Community](#)

[Press](#)

[Share Your Story](#)

[Our Supporters](#)

Communities

Questions

New Questions

Trending Questions

Must read Questions

Hot Questions

Polls

Groups

Add group

Tags

Badges

Users

Help

Buy Theme

Leave an answer

Featured image

Select file

Browse

Private answer?

Add a Video to describe the problem better.

Paragraph

B I

Visual

Text

21

71

Best Answers

15

Users

211

Popular

Answers

How to approach applying for a job at a company ...

6 Answers

How to handle personal stress caused by utterly incompetent and ...

5 Answers

What is a programmer's life like?

5 Answers

Related Questions

Live Auction Demo

127.0.0.1:5500/from2.html

Time left = 01:54

there are 2 buyers

gyan

10199

[22-5-2022, 12:40:53 842 pm]

aakash

10299

[22-5-2022, 12:40:57 163 pm]

Current Bidding Price : Rs.9999 /-

2018 Pivot Mach 5.5 Carbon Team XTR 1X

Product

Model Year

Riding Type

Rider

Pivot Mach 5.5 Carbon Team XTR 1X

2018

Trail

Unisex

To Bid on the current item, please hit the numbers from num pad.

100

200

300

400

500

1

2

3

4

5

26°C

Mostly cloudy

ENG

IN

12:41


22-05-2022



Submit bid

Live Auction Demo

127.0.0.1:5501/item-single8.html



Price: ₹44,99,999


Number of Bids: 813

Submit a Bid

or




Buy Now

Sign In / Register




Collen Winston  
Owner

Bidders

1.	 Jean Smith	₹51,99,440
2.	 Chris Wilson	₹34,99,930
3.	 Kyle Anderson	₹49,99,889

26°C Mostly cloudy



ENG IN
12:41 22-05-2022

Submit bid

Live Auction Demo

127.0.0.1:5501/item-single4.html

Auction

Home

Tender

Auction

About

Contact

Sign In / Register

# Toyota Supra 1998

Others will tell you to keep in mind the 1998 Toyota Supra is over two decades old. Sure it was designed at the end of the 1980s, but the Mark 4 Supra is still competitive today. For the sake of brevity, we will focus on the Toyota Supra Turbo price. Each example was powered by a 3.0L straight-six engine. Because of the sequential compressors, a low RPM boost is easily built by using the brake pedal to pressurize the intake. Steering is properly weighted, and the bias is perfect for holding a drift. The Toyota Supra horsepower of 321 might seem low by today's standards, but the actual output of the engine was much higher. Driving the car is an analog experience.

Bid Now

Buy Now



26°C Mostly cloudy



ENG IN
12:42 22-05-2022

## **7 CONCLUSION AND LEARNINGS**

Virtual Auction is a new experience and has dramatically impacted consumers' lives in its short time of existence. It is expected to grow constantly in years to come with advancements in technology. The virtual auction portal will make consumers more effective and efficient in their behavior. It has driven businesses to a new level, forcing many to make the necessary adjustments and changes to reach the new market of knowledgeable consumers. The results of this survey underscore the need for businesses to take the online market seriously. E-transformation is the global retail infrastructure. The internet has emerged as a cost-effective means of doing business. Thanks to rising internet and higher incomes, and a more savvy population.

Secured online payments, better Electronic Stores, return policies, and exciting discounts could help the perceptions of auction system benefits. Secure online auction portal organizations can use the relevant variables and factors identified from the study to formulate their strategies and plans in the country. The organizations can prioritize the consumer's implicit and explicit requirements in a Secure online auction portal environment.

With the advances in technology, more business opportunities will be discovered by companies. E-commerce will become an essential part of the business in companies. A better understanding of consumer secure online auction portal behavior will help companies get more online consumers and increase their e-business revenues. At the same time, as realized the benefits of e-auction, consumers are more willing to make purchases online. With the popularity of the internet, the number of internet users will continue to grow, and more internet users will become online consumers, even regular online buyers. However, the evolvement of e-auction will bring new problems.

The changes in business operation, business environment, economic condition, etc., will affect consumer virtual online auction behavior. With the knowledge of consumer virtual auction behavior, it is believed that e-auction will continue to grow, and it will become not only an essential business revenues channel but also a part of people's daily life

Applications:

- The system can be applied to warehouses where the items are put up for auctions.
- Any person can use it to put up their product for auction.

### **FUTURE ENHANCEMENTS:**

Security can be improved using emerging technologies based on future security issues. A private auction can be conducted with a private key, which only the host can share among the other auction participants.

Also, we will add an admin module that will handle payment, remove any fake accounts, and solve queries.

We will also add a payment portal, which the admin can monitor and make the payment or money transfer simpler.

**Reference:**

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=5232484&queryText%3DOnline+Auction+System>

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6682396&queryText%3DOnline+Auction+System>

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=4690594&queryText%3DOnline+Auction+System>

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=5588930&queryText%3DOnline+Auction+System>