



# Online Auction



# Introduction

Our Online Auction platform offers a virtual marketplace to people all over the world, revolutionising the buying and selling process. Buyer can browse, bid and win the products from the comfort of their homes. In addition to ensuring transaction safety, secure payments also ensure a dynamic and competitive environment through real-time bidding. Because the platform supports a wide variety of products, it creates a vibrant and interesting marketplace for traders as well as buyers. Our Online Auction streamlines and facilitates the entire auction process with its clear procedures.

# Database description

The database description contains eight collections: Admin, categories, Trader, Products, Session, Buyer, Bid and Payment.

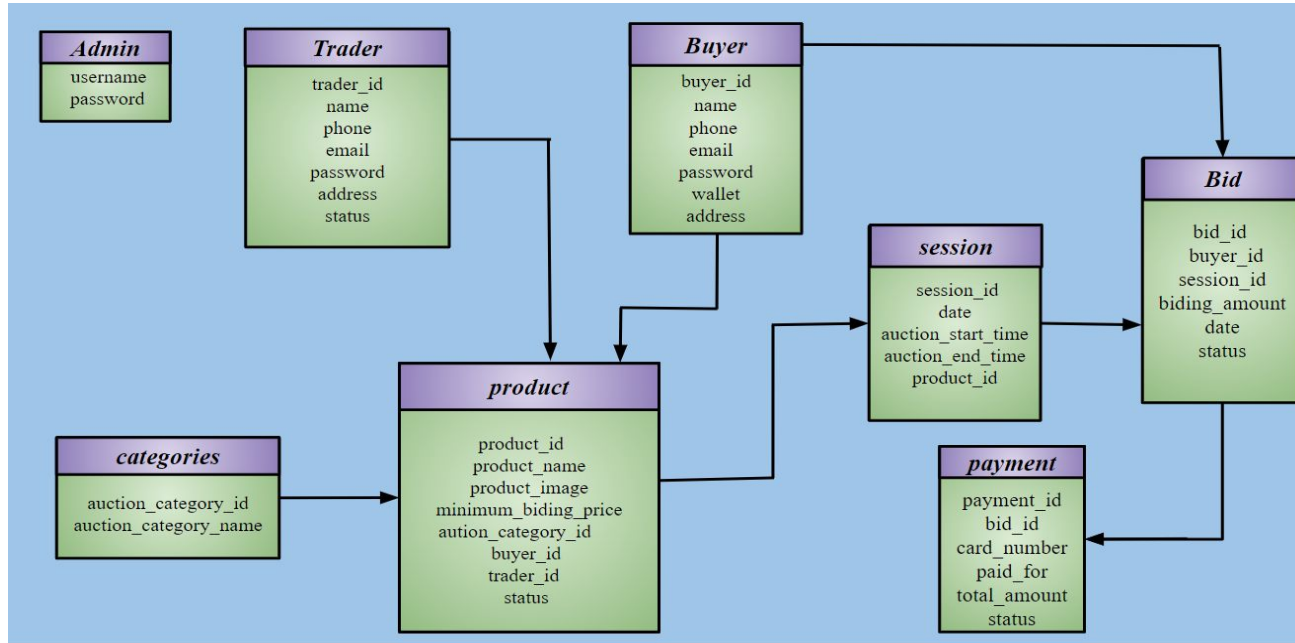
The admin will login into the application with the required details of username and password. The admin collection contains username and password. When an admin successfully logs into the application or website, then the admin can add the auction categories, the category collection contains the `auction_category_name` that was stored in the category collection. After that the trader will register into the website with their details. The Trader collection contains the name, email, password, phone, address and status these are stored in the trader collection. Based on the categories the trader will add the products, the product collection contains the `product_name`, `product_image`, `minimum_bidding_price`, `status`,

auction\_categorie\_id and trader\_id. In the product collection there are two reference keys auction\_categorie\_id and trader\_id. When the trader adds any product then the status of the product is updated to “Posted for Bidding”.The trader will provide a session , in that session collection contains the date, auction\_start\_time, auction\_end\_time, and product\_id. In the session collection there is a reference key that is product\_id that means based on the product the date and action start time and end time will be assigned to a product.

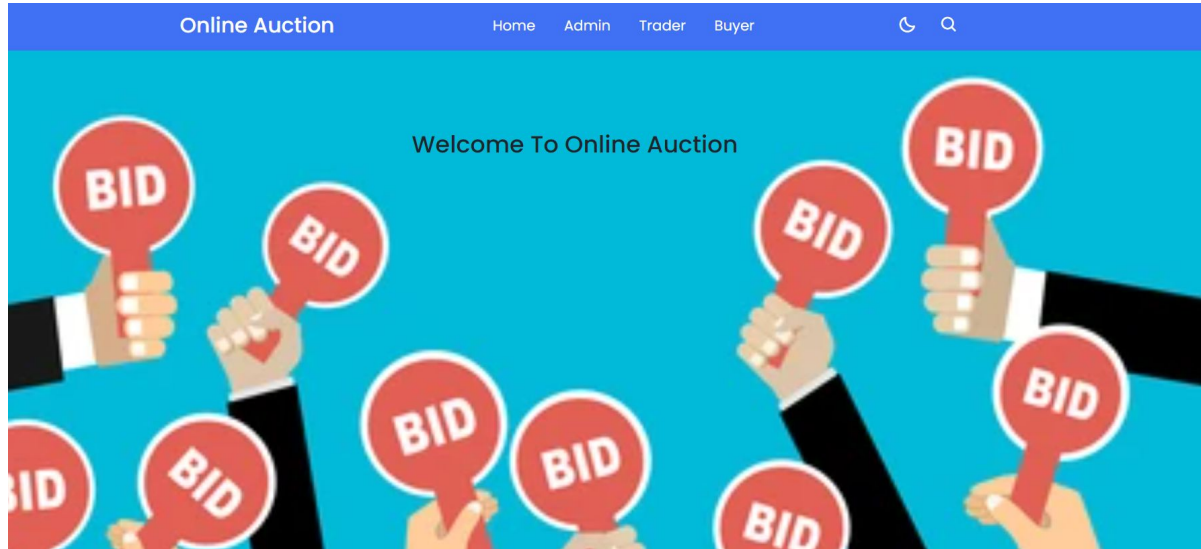
The buyer will register into the website with their details. The buyer collection contains name, phone\_number, email, password, wallet and address. While the buyer registering into the website then only the buyer will add some amount into the wallet then only the buyer can buy the product. After login the buyer can search for the products and view the products. When the buyer bids the product then the status will be updated to “Product is Bidded”.

The bid collection contains bid\_id, session\_id, bidding\_amount, date, status and buyer\_id in this collection there are three reference keys product\_id, session\_id and buyer\_id. If the two buyers bid the same product with the same price then the trader will select the buyer at first. After that the trader will dispatch the product to the buyer and the status of the bidded product is updated into "Dispatched". The buyer will proceed to the payments, in the payment collection it contains the card\_number, paid\_for, total\_amount, status and bid\_id, in this payment collection there is a one reference key that is bid\_id. If the payment is successful then the status is updated to "Payment Successful" or "Your Transaction is Failed". In that total amount \$5 is paid for an admin and remaining to the trader. If the buyer receives the product then the status of the bidded product is updated to "Delivered".

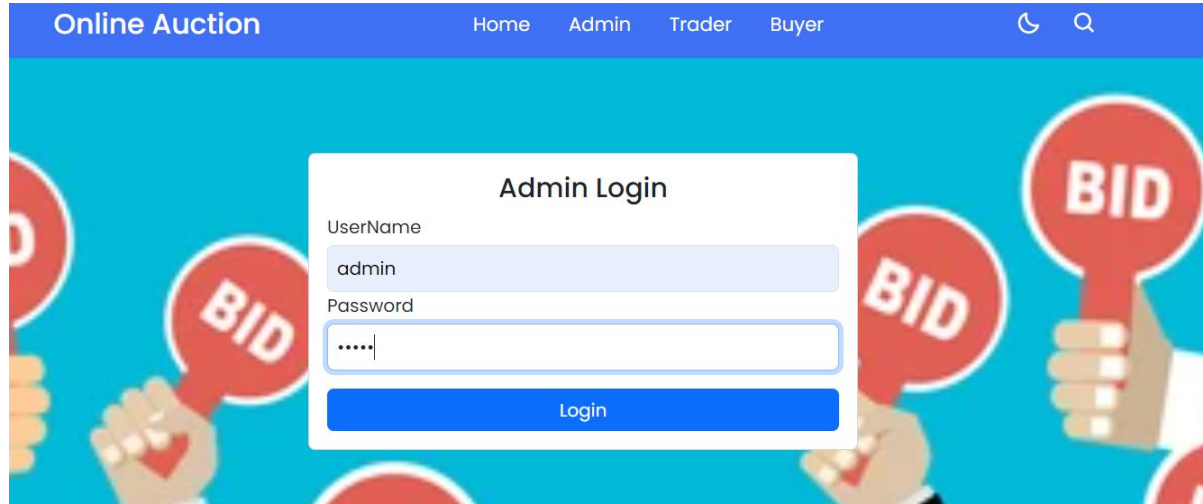
# Database diagram



# Website homepage



# Admin login page



The image shows a web application interface for an "Online Auction" system. At the top, a blue navigation bar contains the site name "Online Auction" on the left and links for "Home", "Admin", "Trader", and "Buyer" in the center. On the right side of the navigation bar are icons for a moon (likely for a dark mode toggle) and a magnifying glass (for search). The main background of the page is a vibrant blue with a repeating pattern of red circular "BID" signs held by stylized hands. Centered on this background is a white "Admin Login" modal box. Inside this box, there are two input fields: the first is labeled "UserName" and contains the text "admin"; the second is labeled "Password" and contains five dots to mask the input. Below these fields is a solid blue button with the text "Login" in white.

Online Auction

Home Admin Trader Buyer

Admin Login

UserName

admin

Password

.....

Login

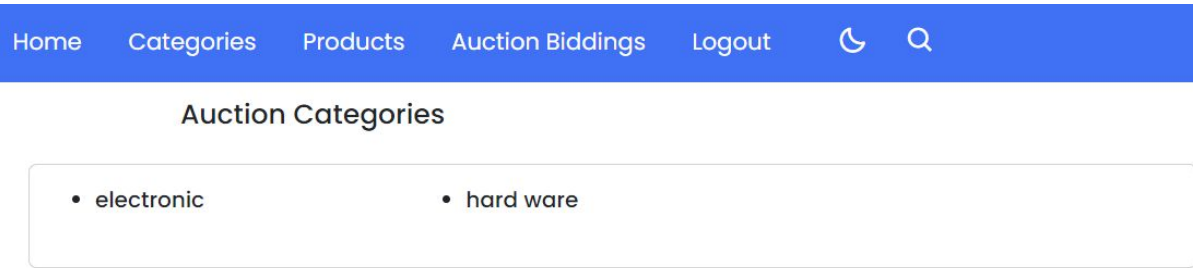


# Admin add category

Category Name


Add Category

# Admin view category



# Admin view products

laptop (electronic)








Product Session  
Min Bidding Price  
\$ 5000  
Post By  
hari(74584584)  
About  
good

Approve Product

# Admin view all bidding

Biddings

Product	Bid StartDate	Bid EndDate	Bidder Date	Bidding Amount	Bid By	Status	Admin Amount(5%)
 Tv	28-04-2024 10:00 AM	27-04-2024 10:45 AM	27-04-2024 11:09 AM	\$ 15000	prasad	Suspended	\$750.0
 Tv	28-04-2024 10:00 AM	27-04-2024 10:45 AM	27-04-2024 11:17 AM	\$ 15600	kavya	Received	\$780.0
 Tv	28-04-2024 10:00 AM	27-04-2024 10:45 AM	27-04-2024 11:18 AM	\$ 15400	navya	Suspended	\$770.0
 laptop	27-04-2024 06:00 PM	27-04-2024 04:30 PM	27-04-2024 05:07 PM	\$ 5100	prasad	Suspended	\$255.0
 laptop	27-04-2024 06:00 PM	27-04-2024 04:30 PM	27-04-2024 05:09 PM	\$ 5600	kavya	Dispatched	\$280.0

# Traders registration page

### New Trader Registration

Name

Email

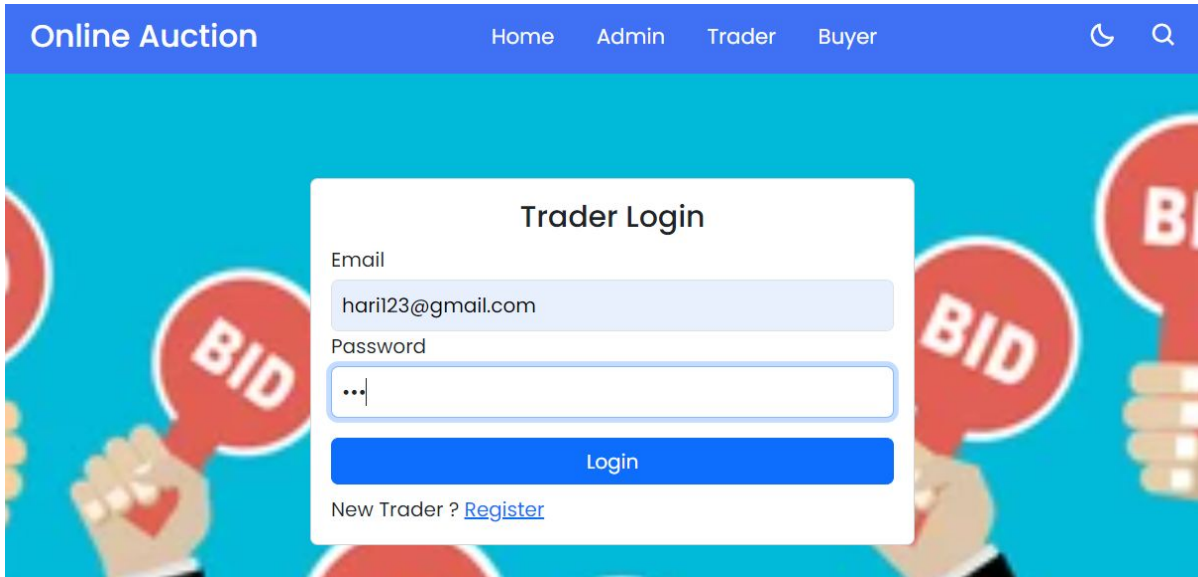
Phone

Password

Address

Add

# Traders Login page



The image shows a web application interface for an online auction. At the top, a blue navigation bar contains the text "Online Auction" on the left and links for "Home", "Admin", "Trader", and "Buyer" in the center. On the right side of the navigation bar are icons for a moon (dark mode) and a magnifying glass (search). Below the navigation bar is a large banner with a blue background and several red circular "BID" signs held by hands. In the center of the banner is a white "Trader Login" form. The form has two input fields: "Email" with the value "haril23@gmail.com" and "Password" with three dots indicating a masked password. Below the password field is a blue "Login" button. At the bottom of the form, it says "New Trader ? [Register](#)".

Online Auction

Home Admin Trader Buyer

Trader Login

Email

haril23@gmail.com

Password

...

Login

New Trader ? [Register](#)

# Traders add products

Product Name

Minimum Bidding Price



Categories

Upload Picture

No file chosen


About

# Traders view products

[Home](#) [Products](#) [Auctions](#) [Suspend Biddings](#) [Logout](#)  

### Auction Products

Tv (electronic)

  
shutterstock.com - 357968485

Product Session  
27-04-2024 10:45 AM ==> 28-04-2024 10:00 AM


Min Bidding Price  
\$ 15000

Post By  
hari(74584584)

About  
good product

Product Biddings

speaker (hard ware)



Product Session  
Min Bidding Price  
\$ 5000


Post By  
hari(74584584)

About  
super



# Traders add bid

laptop (electronic)



Product Session

Min Bidding Price

\$ 5000

Post By




hari(74584584)

About

good

Post For Bid

# Traders view bidding

Biddings								
Product	Bid StartDate	Bid EndDate	Bidded Date	Bidding Amount	Bid By	Status	Admin Amount(5%)	Action
 Tv	28-04-2024 10:00 AM	27-04-2024 10:45 AM	27-04-2024 11:17 AM	\$ 15600	kavya	Received	\$780.0	
 laptop	27-04-2024 06:00 PM	27-04-2024 04:30 PM	27-04-2024 05:07 PM	\$ 5100	prasad	Bidded	\$255.0	Least Amount
 laptop	27-04-2024 06:00 PM	27-04-2024 04:30 PM	27-04-2024 05:09 PM	\$ 5600	kavya	Bidded	\$280.0	<button>Assign</button>

# Buyer registration page

## New Buyer Registration

Name

Email

Phone

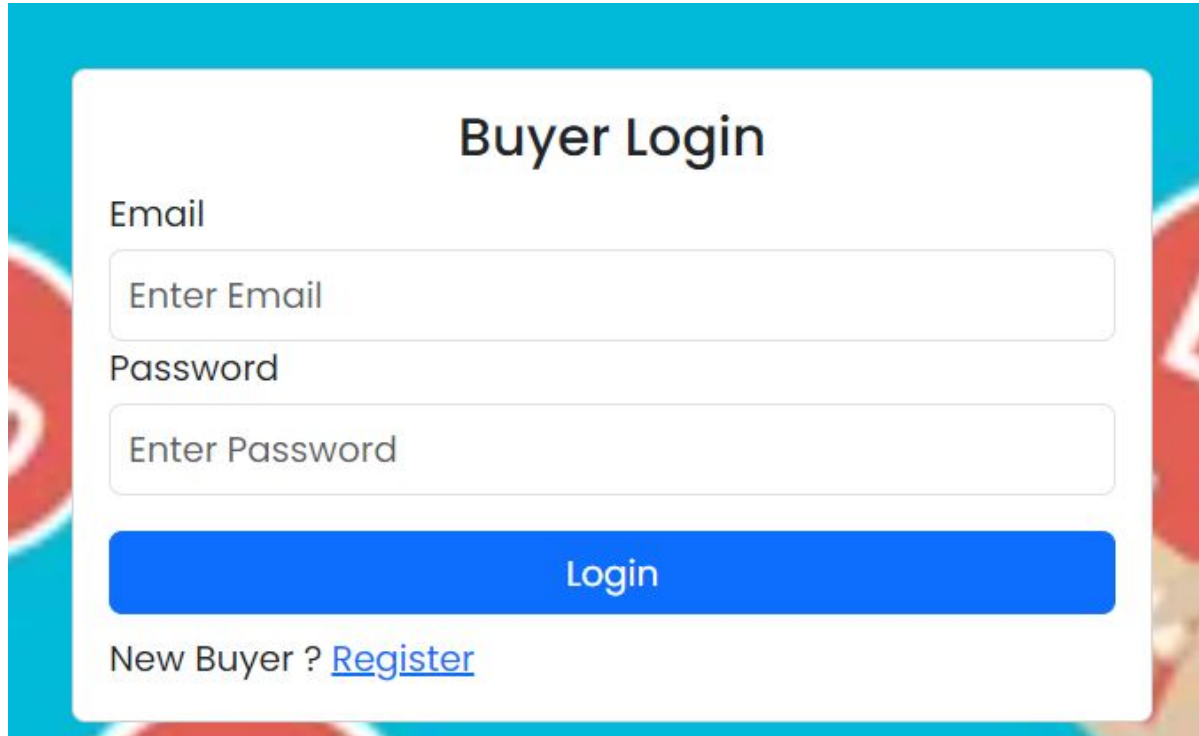
Password

Wallet

Address

Add

# Buyer login page

A screenshot of a web form titled "Buyer Login". The form is white with rounded corners and is set against a blue background with a faint, repeating pattern of red and white circular shapes. It contains two input fields: "Email" and "Password", each with a placeholder text "Enter Email" and "Enter Password" respectively. Below these fields is a prominent blue "Login" button. At the bottom, there is a link for new buyers to register.

Buyer Login

Email


Password

Login

New Buyer ? [Register](#)

# Buyer search products

laptop (electronic)



Product Session

27-04-2024 04:30 PM ==> 27-04-2024 06:00 PM

Min Bidding Price

\$ 5000

Post By

hari(74584584)



About

good

5600

Bid

# Buyer view auction

Bidding							
Product	Bid StartDate	Bid EndDate	Bidder Date	Bidding Amount	Bid By	Status	Action
 Tv	28-04-2024 10:00 AM	27-04-2024 10:45 AM	27-04-2024 11:17 AM	\$ 15600	kavya	Received	
 laptop	27-04-2024 06:00 PM	27-04-2024 04:30 PM	27-04-2024 05:09 PM	\$ 5600	kavya	Bidder	

# payment

### Payment Action

Name On Card

holder\_name

Card Number

Card Number

Expire Date

Expire Date

Payment Type

Payment Type

CVV

Enter CVV

Amount

5600

Pay

