

TY4 - B
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Aysuh Mohite - 40
Manas More - 41

SLA - Test Plan

SmartBid Application Test Plan (Test Cases Table)

Test Case ID	Feature/Component	Requirement (REQ)	Test Objective	Test Steps	Expected Result	Actual Result	Pass/Fail
Bidding System (Pass Cases)							
TC-B-001	Place Bid	REQ-1	Verify a valid bid is recorded.	1. User A is logged in. 2. Current bid is \$10. 3. User A places a bid of \$15.	The system records the \$15 bid as the new highest bid. The bid history is updated.	The bid was successfully recorded as \$15. The real-time update reflected on the Bid Detail Page within 1.5 seconds.	Pass

TC-B-002	Leaderboard	REQ-2	Verify the top 3 bidders are displayed.	1. Three users (A, B, C) place bids: A \$30), B \$25), C \$20). 2. View the Auction Detail Page.	T V	The display shows A, B, and C as Top 1, Top 2, and Top 3 bidders, respectively.	The display correctly shows User A, User B, and User C in order of bid amount.	Pass
TC-B-003	Outbid Notification	REQ-3	Verify a user is notified when outbid.	1. User A's current bid is \$10. 2. User B places a bid of \$12.	U U	A notification is immediately sent to User A stating they have been outbid.	User A received a "You have been outbid" email and a browser push notification within 3 seconds.	Fail
Bidding System (Fail Cases)								
TC-B-004	Bid Validation	REQ-1	Verify bids lower than the current highest are rejected.	1. Current bid is \$50. 2. User A attempts to place a bid of \$45.	U	The system rejects the bid and displays an error message: "Bid must be higher than the current highest bid."	The bid was rejected and a modal error message appeared stating, "Bid amount too low."	Pass

TC-B-005	Bid Validation	Business Rule	Verify un-registered users cannot bid.	1. User attempts to place a bid without logging in. U	The system redirects the user to the login/registration page and blocks the bid submission.	Upon clicking 'Place Bid', the system redirected the user to the login screen.	Pass
TC-B-006	Data Consistency	Performance	Verify bid is not accepted if auction is closed.	1. Auction timer hits 0:00 (Auction is closed). 2. User attempts to place a bid one second later. U	The system rejects the bid with the message: "This auction is closed for bidding."	The bid was successfully submitted at 0:00:01 and recorded, violating the data consistency constraint.	Fail
Auction Management (Pass Cases)							

TC-AM-007	Auction Creation	REQ-4	Verify a vendor can successfully create a new auction.	1. Vendor logs in. 2. Vendor navigates to the Auction Creation Form. 3. Vendor fills all required fields (item details, base price, duration, images) and submits.	A new auction is created with an 'Upcoming' or 'Active' status (based on the scheduled start time) and is visible on the Vendor Dashboard.	Auction was created and appeared on the dashboard with 'Upcoming' status. Image upload was successful.	Pass
TC-AM-008	Stop Auction	REQ-4	Verify a vendor can manually stop their own auction.	1. Vendor logs in. 2. Vendor selects an 'Active' auction they created. 3. Vendor clicks the 'Stop Auction' button.	The auction status changes to 'Closed' and bidding is immediately terminated. The highest bidder is notified to make payment.	The auction was stopped, status updated to 'Closed', but the highest bidder notification was delayed by 15 minutes.	Fail
TC-AM-009	Auto Termination	Stimulus/Response	Verify auction automatically terminates after duration.	1. Start an auction with a 5-minute duration. 2. Monitor the auction status.	The auction status automatically changes to 'Closed' exactly when the 5-minute duration expires.	The auction closed precisely at the scheduled time.	Pass

TC-AM-010	Winner Reassignment	Product Scope	Verify the winner is reassigned if payment is missed.	1. User A (highest bidder) wins. 2. User A fails to make payment within the allotted time.	The system automatically declares the next highest bidder (User B) as the winner and notifies them to complete the payment.	User A's winner status was revoked. User B was automatically notified and prompted for payment.	Pass
Auction Management (Fail Cases)							
TC-AM-011	Post-Bid Edit	REQ-5	Verify auction edits are restricted after bidding starts.	1. Vendor creates an auction. 2. A user places the first bid. 3. Vendor attempts to edit the item description or base price.	The system displays an error: "Auction edits are restricted once bidding has started". The vendor cannot save changes.	The system allowed the vendor to edit the item <i>description</i> , but the price was correctly locked.	Fail

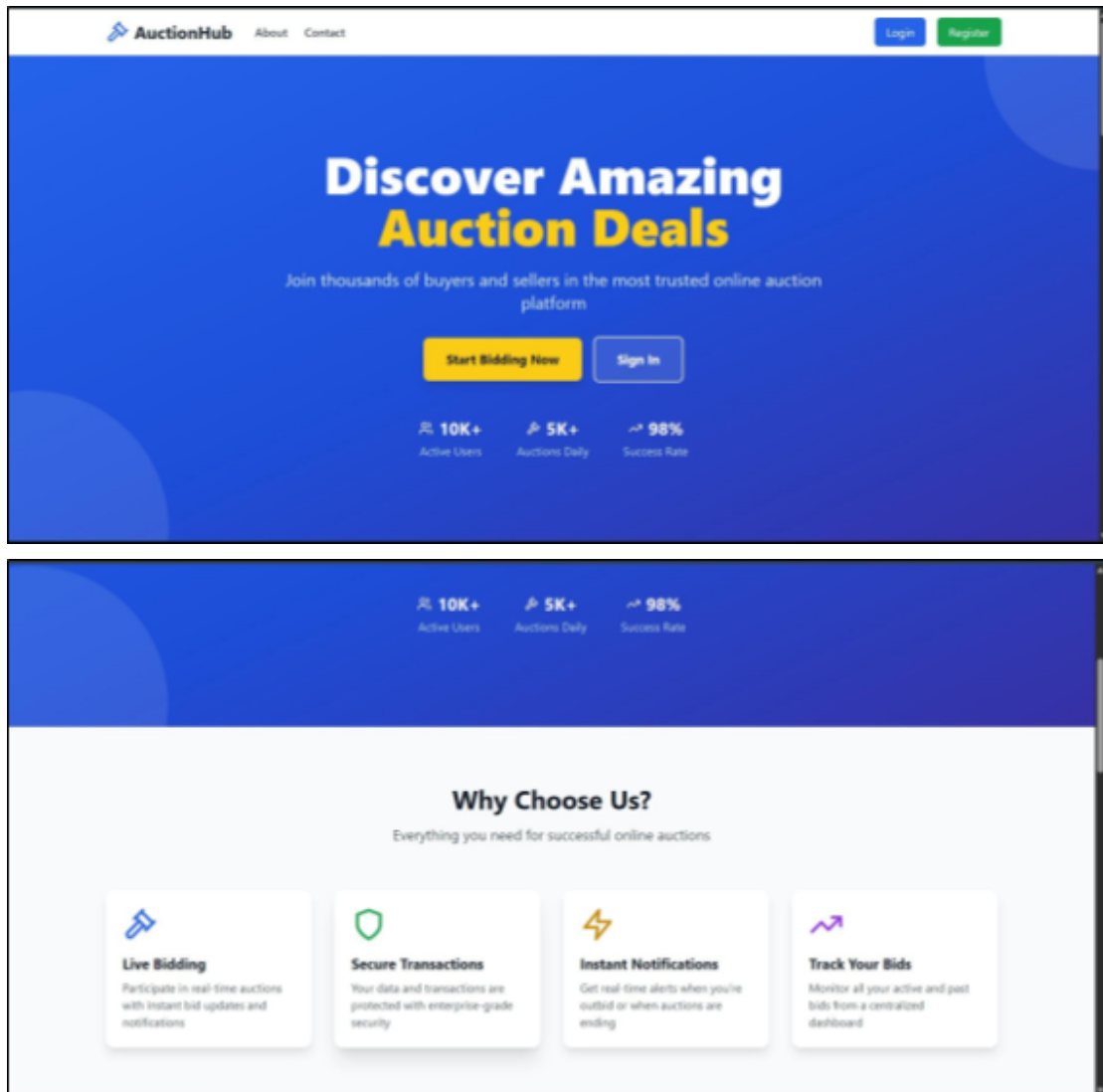
TC-AM-012	Cross-Vendor Management	Business Rule	Verify a vendor cannot manage another vendor's auction.	1. Vendor A logs in. 2. Vendor A attempts to navigate to Vendor B's auction management page (e.g., to stop it).	The system denies access and displays a "Permission Denied" error message.	Vendor A received an HTTP 403 Forbidden error when attempting the action.	Pass
TC-AM-013	Auction Creation	Constraints	Verify auction creation fails with invalid data.	1. Vendor attempts to create an auction leaving the 'Base Price' field empty or entering a negative value.	The system rejects the submission and displays a clear validation error on the form.	The submission was rejected. The error message for the empty field was generic: "Error submitting form."	Fail
Non-Functional: Security							
TC-NF-014	Authentication	Security REQ	Verify a user cannot access the dashboard with invalid credentials.	1. Attempt to log in with an unregistered email and password.	The system displays an error message: "Invalid email or password" and does not grant access.	Login failed, and the system displayed the correct error message.	Pass

TC-NF-015	Security/Interface	Security REQ	Verify all data is transferred securely (HTTPS).	1. Observe network traffic while logging in and submitting a bid.	All data transfer requests (HTTP) must be automatically upgraded to HTTPS, or the connection must already be secure.	All observed traffic was transmitted over HTTPS.	Pass
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SLA Frontend / Backend

Frontend:

Home Page:



Featured Live Auctions

Don't miss out on these amazing deals



Premium collection watch

A watch having only 10 such copies, crafted with extreme precision to achieve premiums...

Starting Bid

\$ 2000.00

3d 5h

Place Bid Now

Frequently Asked Questions

Everything you need to know about our platform

How do I start bidding?



How do I know if I've won an auction?



Can I sell items on this platform?



What happens if no one bids on my auction?



How does the countdown timer work?



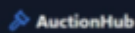
Can vendors end an auction early?



Ready to Start Your Auction Journey?

Join our community today and discover amazing deals!

Create Free Account



Your trusted platform for online auctions. Discover unique items and great deals every day.



Quick Links

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[About Us](#)
[Browse Auctions](#)
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For Sellers

[Vendor Dashboard](#)
[Become a Seller](#)
[How It Works](#)
[Seller Guidelines](#)
[Success Stories](#)

Contact Us

123 Auction Street, Business District,
NY 10001

+1 (234) 567-890

support@auctionhub.com

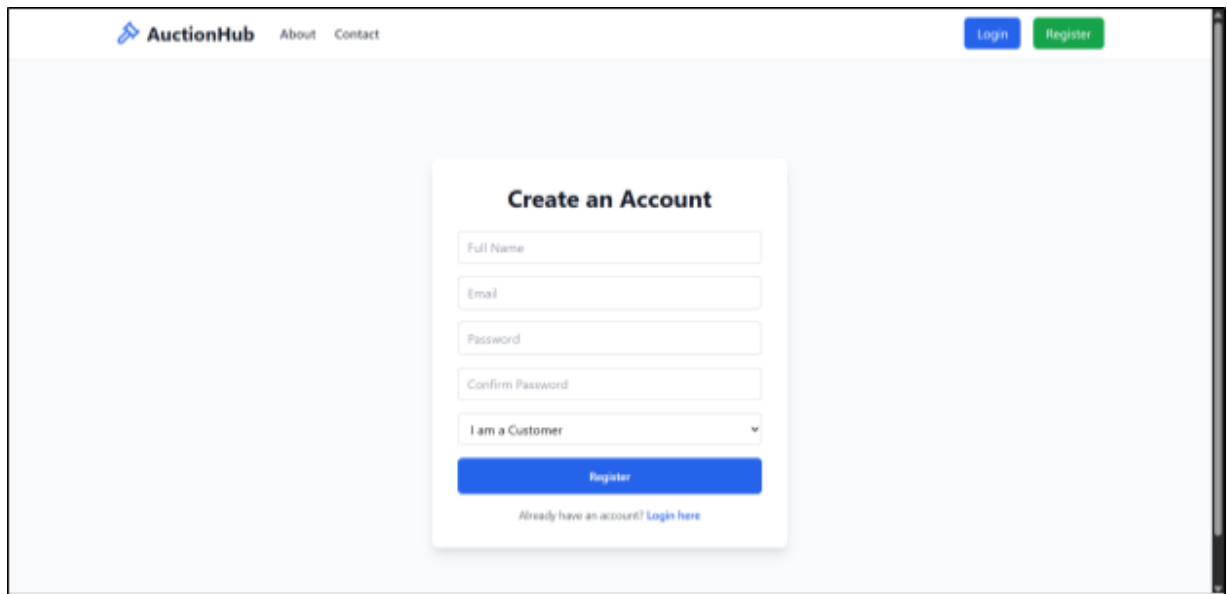
Business Hours:

Mon - Fri: 10:00 AM - 6:00 PM
Sat - Sun: 10:00 AM - 4:00 PM

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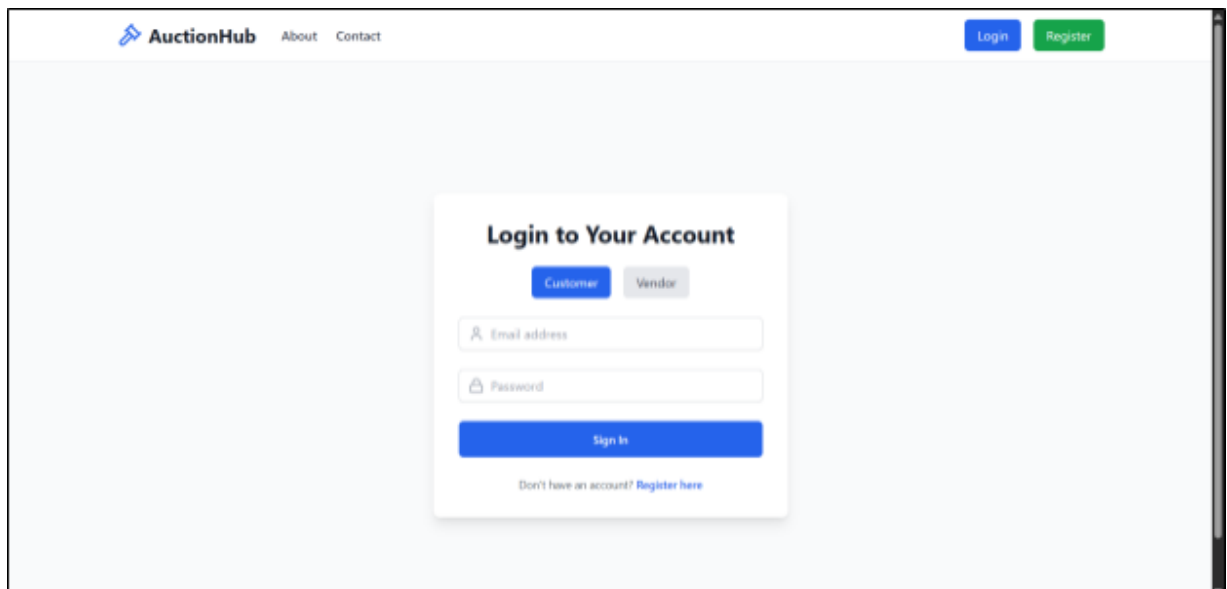
Register Page:



The screenshot shows the 'Create an Account' registration form on the AuctionHub website. The header includes the AuctionHub logo, 'About', and 'Contact' links. In the top right corner, there are 'Login' and 'Register' buttons. The form itself is centered and contains the following elements:

- Create an Account** (Section Header)
- Full Name (Text input field)
- Email (Text input field)
- Password (Text input field)
- Confirm Password (Text input field)
- I am a Customer (Dropdown menu)
- Register (Blue button)
- Already have an account? [Login here](#) (Link)

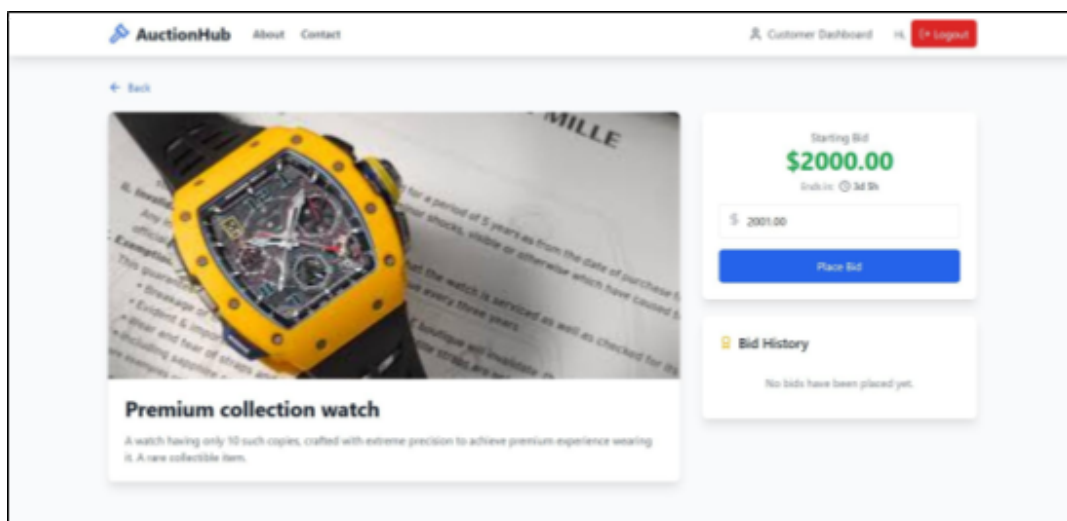
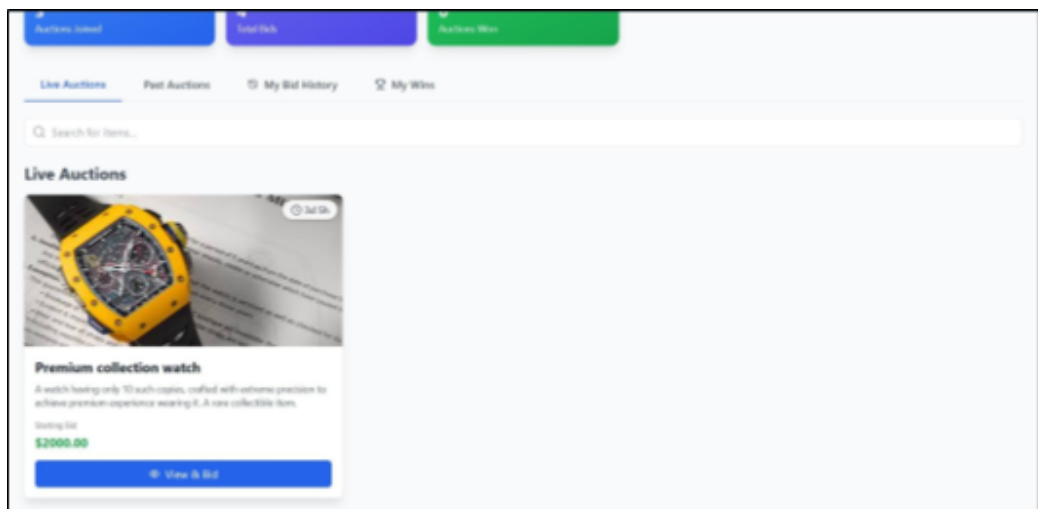
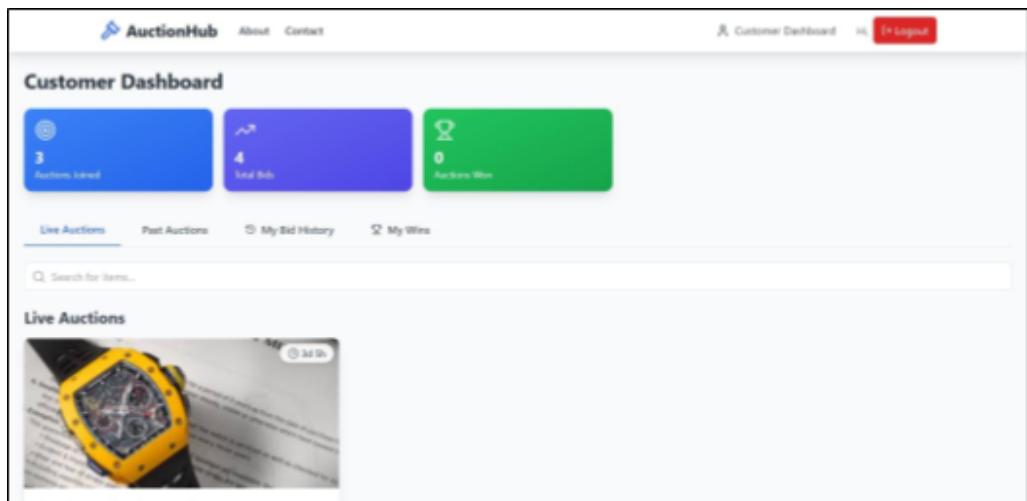
Login Page:



The screenshot shows the 'Login to Your Account' form on the AuctionHub website. The header is identical to the register page. The login form is centered and contains the following elements:

- Login to Your Account** (Section Header)
- Customer (Blue button) and Vendor (Grey button) (Role selection buttons)
- Email address (Text input field with an eye icon for visibility toggle)
- Password (Text input field with an eye icon for visibility toggle)
- Sign In (Blue button)
- Don't have an account? [Register here](#) (Link)

Customer Dashboard:



[About](#)
[Contact](#)

✔ Bid placed successfully!

[Customer Dashboard](#)
[Logout](#)

[← Back](#)

Premium collection watch

A watch having only 10 such copies, crafted with extreme precision to achieve premium experience wearing it. A rare collectible item.

Current Bid

\$2500.00

Ends in: 14 M 5s

[Place Bid](#)

Bid History

Test User	\$2500.00
11/10/2021 12:42	Highest Bid

[About](#)
[Contact](#)

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

Get In Touch

Have questions? We'd love to hear from you. Send us a message and we'll respond as soon as possible.

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Business District
New York, NY 10001

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Full Name*

Our Location

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[Your bids](#)
[Auctions won](#)

[Live Auctions](#)
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[My Wins](#)

Past Auctions

Popular rare sci-fi comic

A comic written by Stephen Hawking.

✔ Won by **Ayush Mohite**

Sold For

\$100.00

[View Details](#)

Iconic Sword

A Superhero's Executioner's Sword

✔ Won by **Ayush Mohite**


Sold For

\$800.00

[View Details](#)

[Live Auctions](#) [Past Auctions](#) [My Bid History](#) [My Wins](#)

My Bid History



Premium collection watch

Vendor: Test Vendor

Your Bid: **\$2500.00**


Highest Bid: **\$2500.00**

Status: **Active**

Bid Time: 12/16/2025 12:43

[View Auction Details](#)

Highlight Bid



Popular rare sci-fi comic

Vendor: Test Vendor

Your Bid: **\$75.00**


Highest Bid: **\$100.00**

Status: **Ended**

Bid Time: 12/16/2025 09:29

[View Auction Details](#)

0



Iconic Sword

Vendor: Test Vendor

Your Bid: **\$0.00**


Highest Bid: **\$0.00**

Status: **Ended**

Bid Time: 12/16/2025 09:29


[View Auction Details](#)

0


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[Customer Dashboard](#) [Logout](#)


Customer Dashboard



4
Auctions Asked




5
Total Bids



0
Auctions Won

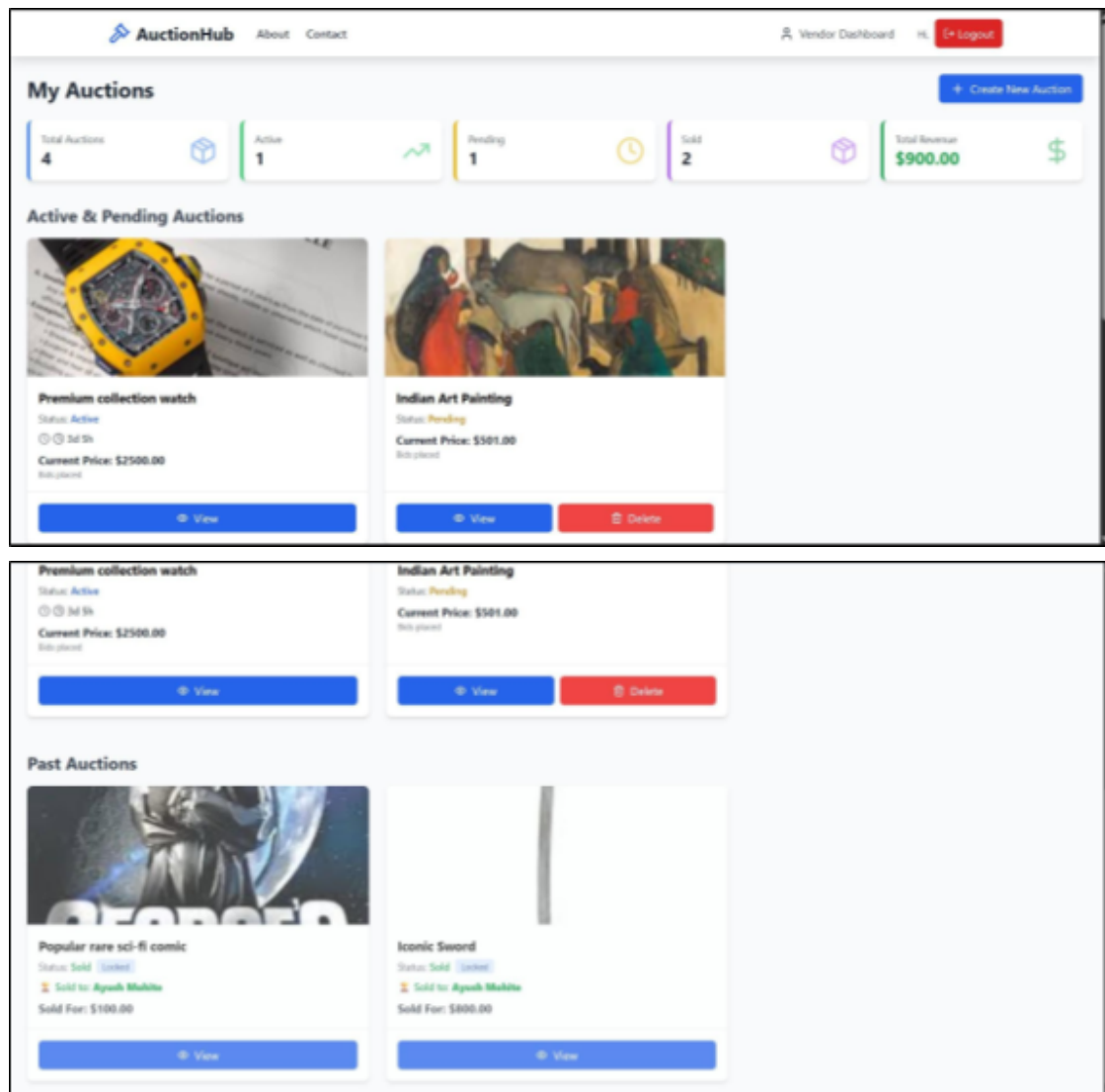
[Live Auctions](#) [Past Auctions](#) [My Bid History](#) [My Wins](#)

My Wins 🏆




You haven't won any auctions yet.
Keep bidding to win amazing items!

Vendor Dashboard:



1880's Rare Coin






[Submit for Approval](#)


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[Logout](#)



My Auctions

[+ Create New Auction](#)


Total Auctions 5 	Active 2 	Pending 1 	Sold 2 	Total Revenue \$900.00 
---------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------



Active & Pending Auctions




1880's Rare Coin
Status: Active
  23h 57m
Current Price: \$175.00

[View](#)




Premium collection watch
Status: Active
  3d 5h
Current Price: \$2500.00
With photo

[View](#)



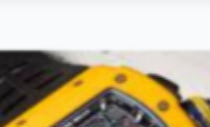
Indian Art Painting
Status: Pending
Current Price: \$501.00
With photo

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[← Back](#)



Premium collection watch

A watch having only 10 such copies, crafted with extreme precision to achieve premium experience wearing it. A rare collectible item.

Current Bid

\$2500.00

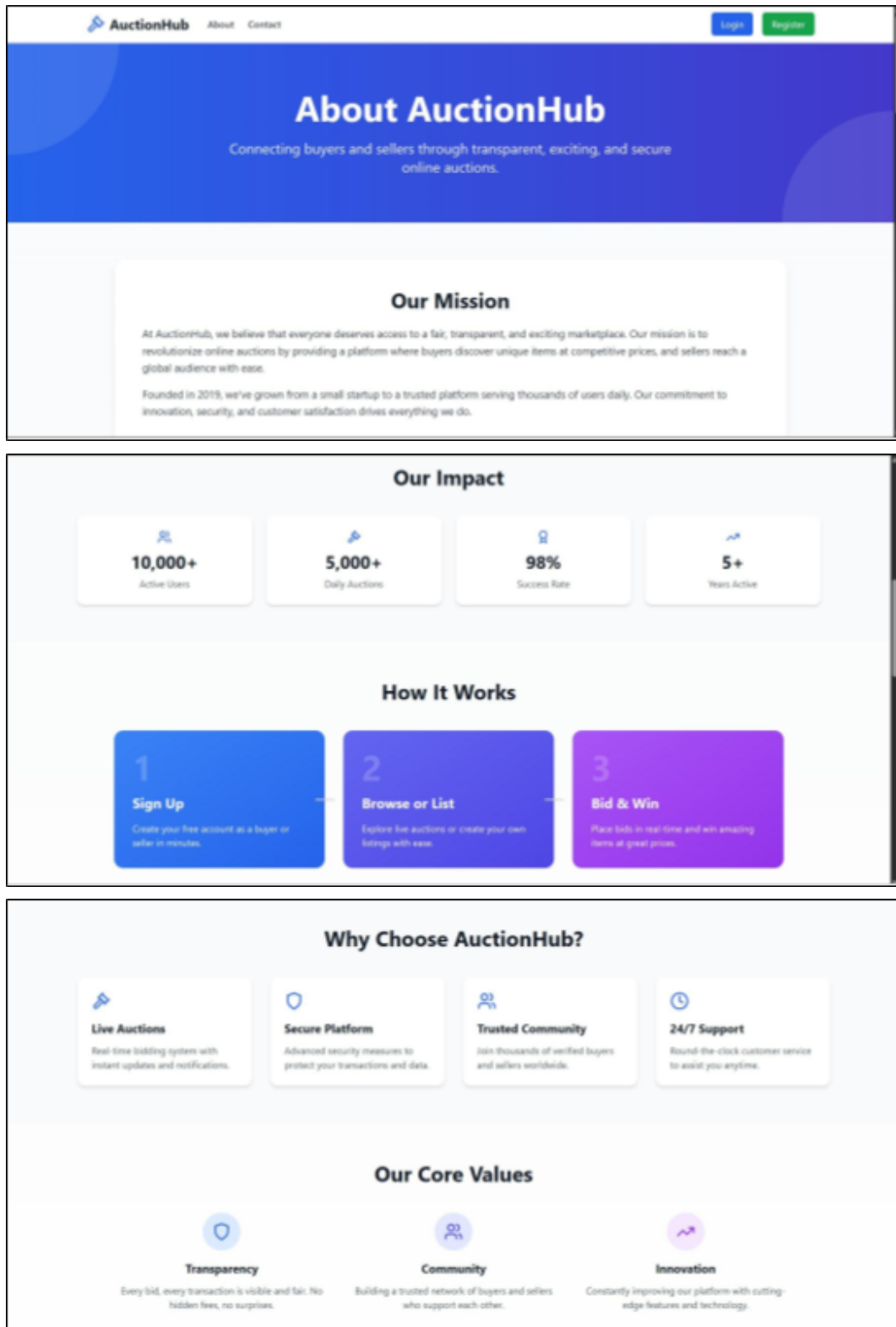
Bids in: 3d 5h

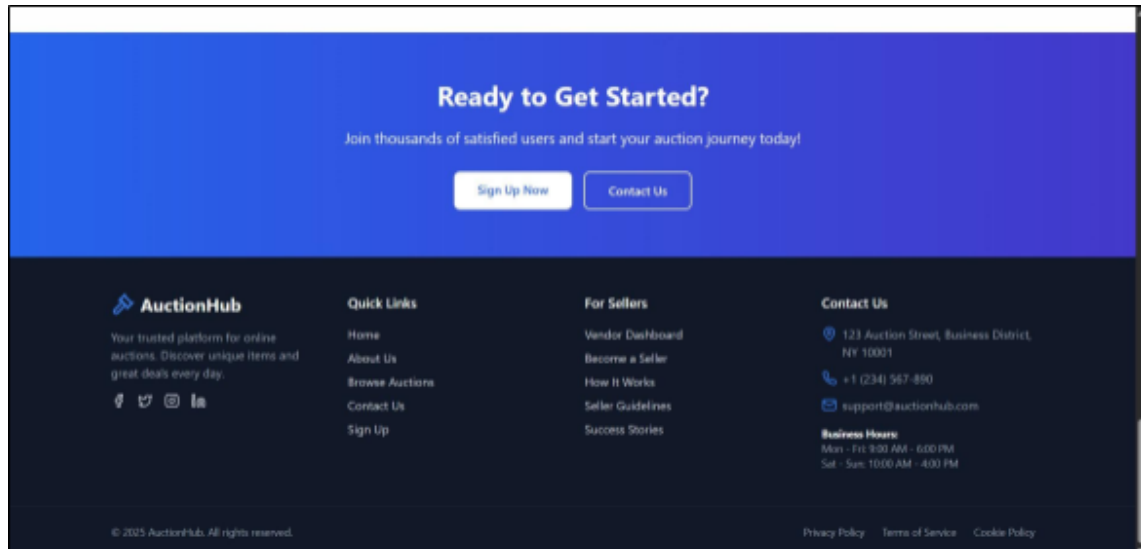
[Lock Bid & Sell Now](#)

Bid History

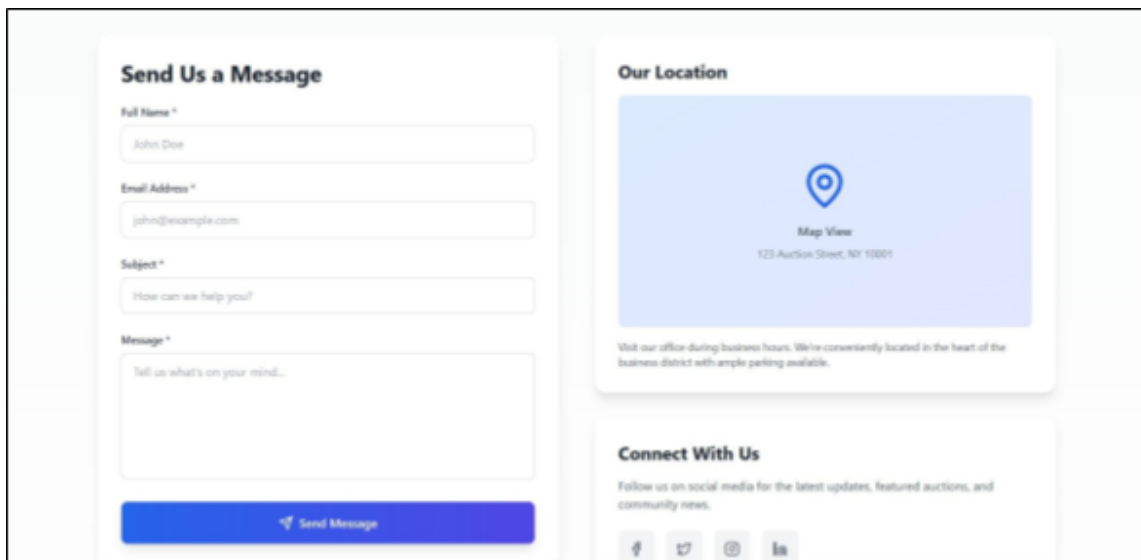
Test User	\$2500.00
10/10/2023 12:40	Highest Bid

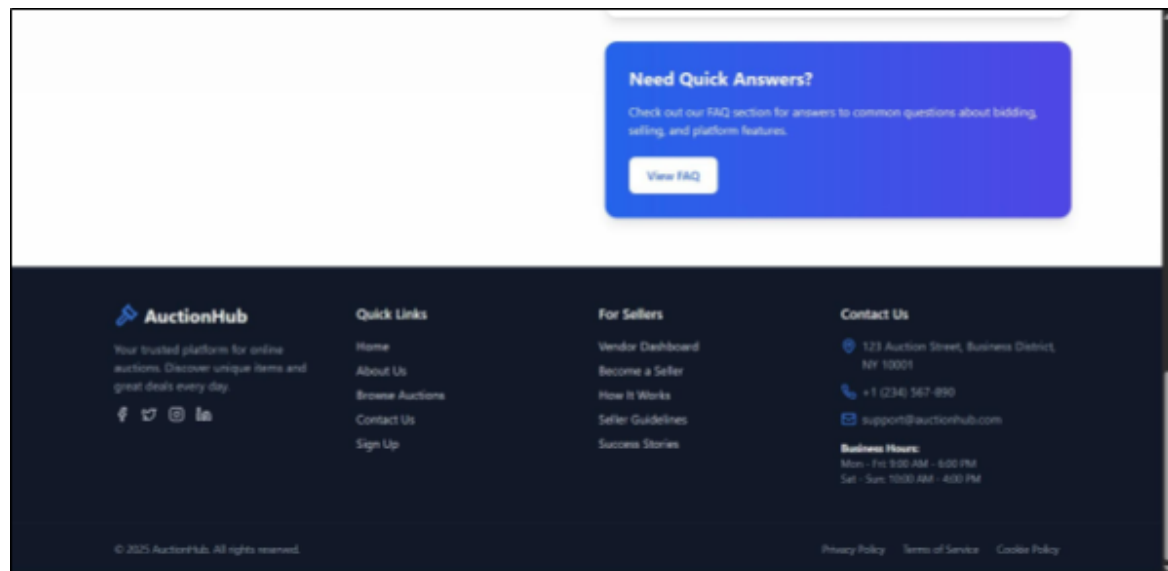
About Page:



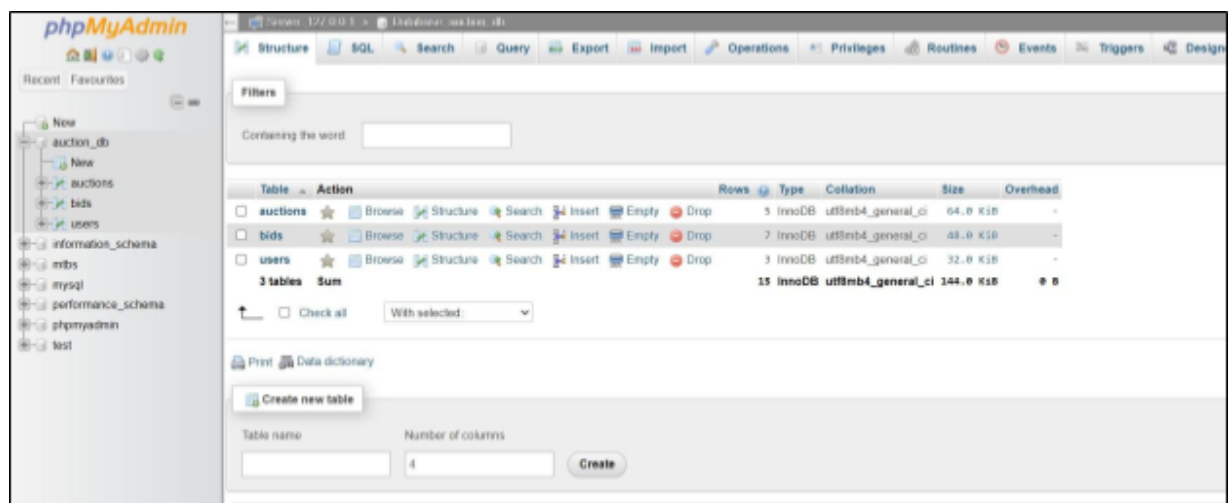


Contact Page:





Backend



phpMyAdmin

Server: 127.0.0.1 - Database: auction_db - Table: items

Showing rows 0 - 5 (7 total, Query took 0.0010 seconds)

SELECT * FROM items

	id	vendor_id	item_name	min_bid	current_bid	locked_price	image_url	status	winner_user_id	start_time	end_time
<input type="checkbox"/>	4	39a2c707-a911-11f0-a0f9-0045e26fc710	An old painting drawn by a very famous Indian Artist...	500.00	501.00		uploads/1790993261046-downloaded.jpg	pending		2025-10-14 12:15:00	2025-10-18 11:59:00
<input type="checkbox"/>	5	39a2c707-a911-11f0-a0f9-0045e26fc710	A Superb Konda Executioner's Sword	500.00	800.00	800.00	uploads/1790947094000-downloaded (1).jpg	sold	ccc1b940-aad7-11f0-b795-008e59328b	2025-10-15 00:00:00	2025-10-18 12:30:00
<input type="checkbox"/>	6	39a2c707-a911-11f0-a0f9-0045e26fc710	A comic written by Stephen Hawking	50.00	100.00	100.00	uploads/1790951771120-downloaded (2).jpg	sold	ccc1b940-aad7-11f0-b795-008e59328b	2025-10-16 05:30:00	2025-10-17 23:59:00
<input type="checkbox"/>	7	434b23ab-a324-11f0-a350-0345e209c710	A watch having only 10 such copies, crafted with e...	2000.00	2500.00		uploads/17909934724000-downloaded_image.jpg	active		2025-10-01 12:30:00	2025-10-20 16:00:00
<input type="checkbox"/>	8	434b23ab-a324-11f0-a350-0345e209c710	1990's Rare Gold Double Eagle gold coin	175.00			uploads/17909939057306-images.jpg	active		2025-10-15 12:50:00	2025-10-18 12:50:00

Check all With selected Edit Copy Delete Export

phpMyAdmin

Server: 127.0.0.1 - Database: auction_db - Table: bids

Showing rows 0 - 6 (7 total, Query took 0.0010 seconds)

SELECT * FROM bids

Profiling [Edit mine] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

	id	auction_id	user_id	bid_amount	created_at
<input type="checkbox"/>	4	3	39a2c707-a911-11f0-a0f9-0045e26fc710	501.00	2025-10-16 11:14:11
<input type="checkbox"/>	5	5	39a2c707-a911-11f0-a0f9-0045e26fc710	550.00	2025-10-17 02:22:23
<input type="checkbox"/>	6	5	39a2c707-a911-11f0-a0f9-0045e26fc710	551.00	2025-10-17 02:22:32
<input type="checkbox"/>	7	5	ccc1b940-aad7-11f0-b795-008e59328b	800.00	2025-10-17 03:04:03
<input type="checkbox"/>	8	6	39a2c707-a911-11f0-a0f9-0045e26fc710	75.00	2025-10-17 03:29:30
<input type="checkbox"/>	9	6	ccc1b940-aad7-11f0-b795-008e59328b	100.00	2025-10-17 03:31:14
<input type="checkbox"/>	10	7	39a2c707-a911-11f0-a0f9-0045e26fc710	2500.00	2025-10-17 12:43:27

Check all With selected Edit Copy Delete Export

phpMyAdmin

Server: 127.0.0.1 - Database: auction_db - Table: users

Showing rows 0 - 2 (3 total, Query took 0.0009 seconds)

SELECT * FROM users

Profiling [Edit mine] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

	id	name	email	password_hash	role	contact_info	created_at	updated_at
<input type="checkbox"/>	39a2c707-a911-11f0-a0f9-0045e26fc710	Test User	test@example.com	password123	customer		2025-10-14 20:49:49	2025-10-14 20:49:49
<input type="checkbox"/>	434b23ab-a324-11f0-a350-0345e209c710	Test Vendor	vendor@example.com	password123	vendor		2025-10-14 23:06:01	2025-10-14 23:06:01
<input type="checkbox"/>	ccc1b940-aad7-11f0-b795-008e59328b	Ayush Mohite	ayush.17740@saitec.ac.in	Saltec@123	customer		2025-10-17 03:03:47	2025-10-17 03:03:47

Check all With selected Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None