

# Title: Online Auction System

## PRODUCT BACKLOG

### BUYERS:

FRONT OF CARD			BACK OF CARD
TITLE	USER STORY	PRIORITY	ACCEPTANCE CRITERIA AND FAILURE CASES
User Registration	As a buyer, I want to register so that I can log in to participate in auctions.	Must Have	<ul style="list-style-type: none"><li>- Test with illegal entries</li><li>- Test with empty entries</li><li>- Test with fake email and phone numbers</li><li>- Test with registered account</li></ul>
User Login	As a buyer, I want to log in to the site, so that I can participate in auctions.	Must Have	<ul style="list-style-type: none"><li>- Test with incorrect credentials</li><li>- Test with registered account</li><li>- Test with unregistered account</li><li>- Test with empty entries</li><li>- Test "Remember me" option</li></ul>
Search and Filters	As a buyer, I want to search for auctions to participate in them and filter items to get the desired ones easily.	Should Have	<ul style="list-style-type: none"><li>- Test with abrupt keywords</li><li>- Test filter results by categories, auction timings</li><li>- Test with valid and invalid filter combinations</li></ul>

Auction History	As a buyer, I want to view my auction history, including the auctions I participated in and the number of successful bids per auction, so that I can keep track of my bidding activities.	Could Have	<ul style="list-style-type: none"> <li>- Test with an Unregistered or Unauthorized User</li> <li>- Test with Detailed Bidding Activity Display</li> <li>- Test with successful Bid Highlight</li> </ul>
Real time bidding	As a buyer, I want to place bids on items in real-time and receive immediate updates, so that I can stay competitive and increase my chances of winning the auction.	Must Have	<ul style="list-style-type: none"> <li>- Test on real-time updates on items' current highest bid without user refreshing the page</li> <li>- Test for time constraints</li> <li>- Test with consecutive spam of bids</li> <li>- Test with high number of concurrent bids from multiple users</li> <li>- Test with bid confirmation notifications</li> </ul>

### SELLERS:

FRONT OF CARD			BACK OF CARD
TITLE	USER STORY	PRIORITY	ACCEPTANCE CRITERIA AND FAILURE CASES
Create auction listings	As a seller, I want to list items with descriptions, reserve prices, and images so that I can sell my items.	Should have	-Test with entering item descriptions and visibility of those descriptions in auction preview.

			<ul style="list-style-type: none"> <li>-Test with entering invalid reserve price amount.</li> <li>-Test with uploading images and checking visibility in auction preview.</li> <li>-Test with creating the list and check visibility of the list by any user.</li> </ul>
Managing active auctions	As a seller, I want to manage active auctions started by me, so that I can view participants' information and track bids.	Must have	<ul style="list-style-type: none"> <li>-Test visibility of all active auctions by the seller to the seller.</li> <li>-Test availability of bidder information.</li> <li>-Test update of bid list with latest bid information.</li> <li>-Test display of bid list according to filter criteria.</li> <li>-Test notifications when a bid is made.</li> </ul>
Seller dashboard	As a seller, I want a dashboard, so that I can view my auctions, including the completed, active and upcoming ones so that I can track my activities.	Should have	<ul style="list-style-type: none"> <li>-Test displays overview of seller's auctions.</li> <li>-Test auction status indicators.</li> <li>-Test auction sorting and filtering.</li> </ul>
Auction Feedback	As a seller, I want to get as well as give user feedback on my auctions, so that I can understand	Could have	<ul style="list-style-type: none"> <li>-Test prompt to give feedback after an auction has ended.</li> </ul>

	buyer interest and improve my auctions.		-Test feedback visibility of auctions on seller dashboard. -Test responding to feedback. -Test feedback editing.
Set Reserve Price	User story: As a seller, I want to set a reserve price for my auction items so that the item will only be sold if the bidding reaches my specified minimum price.	Must have	Test with Setting Reserve Price Test with Auction Ending Below Reserve Price
Set Auction Start Time	As a seller, I want to schedule the start time of my auction so that it begins at a time when I believe there will be the most bidder activity.	Must Have	-Test setting a future start time for the auction. -Test with invalid start times (e.g., past dates). -Test visibility of the scheduled start time to buyers.

### UNLOGGED USER:

FRONT OF CARD	BACK OF CARD
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TITLE	USER STORY	PRIORITY	ACCEPTANCE CRITERIA AND FAILURE CASES
View auctions	As an unlogged user, I want to view auctions on the website, so that I can gain information.	Must have	-Test access to auctions without login/registration. -Test display of key details of each auction to unlogged users. -Test login prompt.

			<ul style="list-style-type: none"> <li>-Test filtering and sorting of auctions.</li> <li>- Test search functionality.</li> <li>-Test display of error messages in case of network error or server downtime.</li> </ul>
Auction Notifications	As a buyer, I want to receive notifications about auctions I am interested in, so that I don't miss important bidding opportunities.	Should Have	<ul style="list-style-type: none"> <li>-Test notification settings for subscribed auctions.</li> <li>-Test with different notification methods (email, SMS, in-app).</li> <li>-Test real-time notifications for outbid alerts.</li> <li>-Test notification for auctions marked as "Favorite."</li> </ul>
View Trending Auctions	As a buyer, I want to view trending auctions so that I can easily discover popular and high-interest items.	Should Have	<ul style="list-style-type: none"> <li>-Test the visibility of a "Trending Auctions" section on the homepage or dashboard.</li> <li>-Test that trending auctions are displayed based on criteria such as the number of bids, view counts, or social media shares.</li> <li>-Test filtering and sorting options within the "Trending Auctions" section.</li> </ul>

#### ADMIN:

<b>FRONT OF CARD</b>	<b>BACK OF CARD</b>
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<b>TITLE</b>	<b>USER STORY</b>	<b>PRIORITY</b>	<b>ACCEPTANCE CRITERIA AND FAILURE CASES</b>
Audit User Activity	As an admin, I want to audit user activity so that I can ensure compliance with platform rules and investigate any suspicious behavior.	Must Have	Test with Accessing User Activity Logs
Manage Auction Categories	As an Admin, I want to manage auction categories so that I can ensure that auctions are properly categorized and searchable for users.	Must Have	-Test with Editing Existing Categories -Test with adding/removing categories
Implement and Manage Promotional Campaigns	As an admin, I want to implement and manage promotional campaigns so that I can enhance engagement and drive more activity on the platform.	Could Have	-Test with Scheduling Campaigns -Test with Monitoring Campaign Performance