

Auction System Requirements

Functional

- As an Admin, I want to create an account
- As an Admin, I want to add items to an auction
- As an Admin, I want to create an auction
- As an Admin, I want to start auctions I create
- As an Admin, I want to enter live item winners
- As an Admin, I want to show all winners, with name, bidding number, items won, total cost
- As an Admin, I want to end a silent action I create
- As an Admin, I want to add bidders to an auction

- As a Bidder, I want to create an account
- As a Bidder, I want to bid on a silent item.
- As a Bidder, I want to list the items I've won which includes the total price of those items
- As a Bidder, I want to list the items I'm currently bidding on
- As a Bidder, I want to scan QR codes for items I want to bid on

Non-Functional

- Site can have 300 concurrent users
- Site should be aligned with Material Design specification
- Ability to anonymize auction
 - Users can opt to participate under anonymous username
 - Admins can opt to run anonymous auction

- Users cannot view other users' bid items
- Website should work on mobile and desktop
- User bids should reach admin's view within 10 seconds of submission
- Monetary units must be represented to two decimal places
- Self-explanatory UI
- Should be able to run from Windows, Mac, or Linux