Auctioneer

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App Description

The idea of the app is to give a group of users the same amount of digital "cash" and randomly select a few of them to create "art" which will really be a simple digital drawing or original sound recording but no photographs or videos (assuming this was a live application it would reset every few months).
They can then start an auction for that "art" with either a select group of individuals to serve as the bidders or just a random assortment of bidders. The artists can see the bidding history of bidders who they have chosen. Bidders who have made a bid equal to a certain percentage of their worth but did not win can choose from a group of unsold "art" pieces. Auctions can last 5 minutes. Those who own art can take AR photos of the art and put them on their profile, something like a virtual gallery.

Minimum Requirements

1. Profile page with avatar creation. A page to allow a new user to create an account with an avatar image creation tool and some user information inputs.

2. Digital drawing tool. A page to allow an "artist" to draw a simple image with a few interesting tools.

3. Auction page. A page displays the auction item, current bid and options to bid on the item, time left for bid, runner up popup, etc.

4. Users page. A list of users and their public information.

5. Users can use AR to put art they own in their own spaces

Stretch Goals

1. Implementing auction chat.

2. Implementing in app audio recording or uploading audio.

3. Allowing multiple users to be logged in at the same time.

Project Timeline

Milestone 1

1. There is a homepage for new users with the option to create your profile page or sign in and a saved set of mock users.

2. A new user can make their profile page including using the avatar creation tool. The user will have cash and an empty list of art they own (names only).

Milestone 2

1. There is a new drawing page for artists and the user can make a new drawing using the in app drawing tool and save it.

2. The user profile has a display for each art piece they own.

3. There is an auction option for saved drawings and a tool to select bidders or randomly from the set of mock users.

4. Users can use AR to move the drawings into their real spaces

Milestone 3

1. There is an auction page that allows a user to choose a bid option, and a secondary page for losers who bid at 50% or more of their worth that gives them the option to select from a list of closed auctions with no bids.

2. There is a users page with mock users that includes a list of the mock users and some snippet of their profile and their winnings.

3. You should be able to sort users by name, worth, or number of winnings on users page.

4. Artists can upload audio or create it in app.

5. There is a chat option on the auction page.

6. Multiple users can be logged in at the same time.

7. Users can share their art using AR as a virtual gallery

Final Submission

All goals have been accomplished and the demonstration is recorded.