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GitHub link: https://github.com/kevalds51/keval_CSCI_5448_project

Title: Artifact Management Services

Description: An inventory management and procurement application for artifacts. Organizations such as museums and galleries, manage their collection and funds by trading, lending and auctioning of their artifacts. They can also transact with individual collectors under certain conditions.

Actors: Curator, Collector, Administrator (Admin), Auctioneer

Functionality:

1. Collectors can sign up
2. Curator, Collector, Admin, Auctioneer can log in
3. Curator can decide the status of inventory artifacts: up for auction, up for lending or closed status.
4. Collectors can view the collection
5. Collectors can check the status of artifacts and register for auction or send a rent request.
6. Auctioneer shall host the auction for an artifact.
7. Registered Collectors can participate in an auction and bid.
8. Collectors can put up artifacts for sale by sending a sell request.
9. Curator can approve/disapprove a sale by accepting/rejecting a sale request.
10. Admin adds/removes artifacts from the collection after curator approval and post auction results.
11. Collectors can view their purchase/sale.

Stretch Functionality:

12. Track auctions, bidders
13. Show statistics of artifact procurement history.