**e-Auction Design Document**

* **Architecture Diagram:**

Diagram

Description automatically generated

* **Rest API Documentation:**

1. Method: Get

Url: https://localhost:44308/e-auction/api/v1/seller/show-bids/4e6e37e8-6a6f-47f2-9041-673c0d7a04ac?pageNumber=1&pageSize=3&sortBy=BuyerFirstName&FilterBy=100

Response: [

{

"shortDescription": "Diamond Ornament desc",

"detailedDescription": "Diamond Ornament detailed desc",

"category": "Ornament",

"startingPrice": 100,

"bidEndDate": "2022-06-25T04:24:41.297Z",

"bidAmount": 1000,

"buyerFirstName": "Ashaa",

"buyerLastName": "Gangineni",

"city": "Chicago"

},

{

"shortDescription": "Diamond Ornament desc",

"detailedDescription": "Diamond Ornament detailed desc",

"category": "Ornament",

"startingPrice": 100,

"bidEndDate": "2022-06-25T04:24:41.297Z",

"bidAmount": 700,

"buyerFirstName": "Gopi Kiran",

"buyerLastName": "Nuthalapati",

"city": "Dallas"

}

]

1. Method: Post

Url: https://localhost:44308/e-auction/api/v1/seller/add-product

Request:

{

"productName": "Oil Painting",

"shortDescription": "Painting desc",

"detailedDescription": "Painting detailed desc",

"category": "Painting",

"startingPrice": 100,

"bidEndDate": "2022-06-27T04:24:41.297Z",

"firstName": "Ajitha",

"lastName": "Gangineni",

"address": "Elden street",

"city": "Toronto",

"state": "ON",

"pin": "L5M6N6",

"phone": "5436783421",

"email": "aj@gmail.com"

}

Response:Product created successfully!!

1. Method: Delete

Url: https://localhost:44308/e-auction/api/v1/seller/delete/530c0e62-6161-4148-abff-b9697a1266d0

Response: Deleted Successfully!!

1. Method: Post

Url: https://localhost:44308/e-auction/api/v1/buyer/place-bid

Request:

{

"firstName": "Gopi Kiran",

"lastName": "Nuthalapati",

"address": "Yong Street",

"city": "Dallas",

"state": "TX",

"pin": "50080",

"phone": "4235212353",

"email": "gk@gmail.com",

"productId": "4e6e37e8-6a6f-47f2-9041-673c0d7a04ac",

"bidAmount": 700

}

Response: Bid data is processing.

1. Method: Post

Url: https://localhost:44308/e-auction/api/v1/buyer/update-bid/4e6e37e8-6a6f-47f2-9041-673c0d7a04ac/an@gmail.com/1000

Response:Bid Data updated Successfully!!

* **Code Coverage Report:**

**Graphical user interface, application, table

Description automatically generated**