

Group 37 - ArtistsHub

Group members:

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Users Collection:

The user collection will store all users. Users will be able to login, Update their details,

```
{
  "_id": "user_id"
  "firstName": "Charan",
  "lastName": "Konkepudi",
  "username": "ckonke",
  "email": "xyz@gmail.com",
  "State": "New Jersey":
  "City": "Hoboken":
  "cart": ["Array of art_ids user is trying to purchase "],
  "purchases": ["array of purchase_id"],
  "Posts": [ "Array of post_ids"],
  "Artist_Id": "artist_id"(if he is an artist)"
}
```

Name	Type	Description
_id	String	A global identifier in the users collection to represent the user
firstName	String	The first name of the user
lastName	String	The last name of the user
username	String	The username of the user on our website
email	String	The email address the user registered with on our website
State	String	The state the user lives in
City	String	The city the user lives in
cart	Array of strings	An array of ids from the artwork collection linking the artworks the user is interested in purchasing
purchases	Array of strings	An array of ids from the art purchases collection linking the artworks the user to their purchases

posts	Array of strings	An array of ids from the posts collection linking posts made by the user to the user
artist_id	String	A global identifier in the artists collection to represent the user if the user is an artist. If the user is not an artist, this field is left empty.

Artist Collection:

Stores information about a user if their role is an artist, He will be assigned artist id and they will have a collection of artworks

```
{
  "_id": "artist_id",
  "user_id": "(linked to Users Collection)",
  "bio": "string",
  "profilePic": "url link",
  "portfolio": ["artwork_id"],
  "ratings": "contains average rating from all different users",
}
```

Name	Type	Description
_id	String	A unique identifier to represent the artist.
user_id	String	Stores their user id
bio	String	A short artist bio
profilepic	Url (String)	Artist's profile picture
portfolio	Array	Array of all the artworks by the artist
ratings	Number	Average rating of the artist from 0.0 to 5.0 inclusive

Artwork Collection:

Stores information about artist collections that he created, he can also edit this collection and delete a artwork from this collection.

```
{
  "_id": "artwork_id",
  "artist_id": "(linked to Artists Collection)",
  "name": "string",
  "description": "string",
  "tags": "[array of tags]",
  "price": "number",
  "date": "system date",
}
```

```

"images": ["Url for that image"],
"rating": "contains average rating from all different users",
"reviews": [comment and comment ids]
}

```

Name	Type	Description
_id	String	A unique identifier to describe artwork collection
artist_id	String	A unique identifier to identify artist from its collection
name	String	Name of the Art named by artist
description	String	Description of the Art by its artist
tags	Array of Strings	Array of different Keyword to identify the art of artist into category
price	Number	The price of art at which artist want to sell it
date	date	The system date at which the art was entered into database
images	URL(String)	The URL of the art to retrieve the image .
rating	Number	Average rating of the art from 0.0 to 5.0 inclusive
reviews	Subdocument	Review from the user or different artist on the art

Art purchases Collection:

Stores information about the art purchased by the user.

```

{
  "_id": "purchase_id",
  "user_id": "user_id",
  "artwork_id": "artwork_id",
  "quantity": "1",
  "total_price": "123",
  "payment_status": "purchased/pending",
  "timestamp": "date"
}

```

Name	Type	Description
_id	String	A unique identifier to describe art purchase collection

user_id	String	Stores their user id
artwork_id	String	Stores the id of artwork purchased
quantity	Number	Total number of artwork purchase
total_price	Number	To get the total price of the product.
payment_status	Boolean	To identify if the purchase is success or in pending
timestamp	Date	System date to store when art was purchase.

Posts Collection:

Stores information about the posts posted by users/artists, They can create edit and delete the posts

```
{
  "_id": "post_id",
  "user_id": "user_id",
  "title": "title of the post",
  "Image/video": "url to that image or video":
  "content": "content of the post",
  "timestamp": "date",
  "comments": [{
    "_id": "comment_id",
    "user_id": "user_id",
    "name": "name of the user",
    "content": "string",
    "timestamp": "date" }]
}
```

Name	Type	Description
_id	String	Stores post ID
user_id	String	Stores user ID
title	String	Stores the title of the post
content	String	Stores post description
timestamp	date	Stores date when comment is posted
comments	subdocument	It is a subdocument, Stores date related to comments