Writers Website Application

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Users

The user collection will store all users. Users will be able to login, update their details, upvote content, post content, and create events.

```
{
        "name": "John Doe"
        "Email": "JDoe@gmail.com",
        "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
        "hashedPassword":
"$2a$08$XdvNkfdNIL8F8xsuIUeSbNOFgK0M0iV5HOskfVn7.PWncShU.O",
        "upvotedPosts": [7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310,
                7b696a2-d0f2-4g8g-h67d-7a1d4b6b6710],
        "posts": [{
                "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
                "content": "Technology",
                "postedDate": "1/1/2006"
                "title": "What Phone SHould I buy?"
                "upvotedPosts" : [7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310,
                        7b696a2-d0f2-4g8g-h67d-7a1d4b6b6710],
                "posterId" : "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
                "posterName" : "John Doe"}]
        "events": "Events":[{
                "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
                "Title": "Prose Bros",
                "Date": "1/1/006",

                "Time": "10:00PM"

                "location": 123 Sesame Place, Cleveland, OH

                "bannerImage": <bson data>
```

```
                  "participants": [7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310,
                        7b696a2-d0f2-4g8g-h67d-7a1d4b6b6710],

          }]
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the user.
Name	string	Username for user
upvotedPosts	array	An array that stores the post ids for posts the user has upvoted
posts	Sub-document	Posts is a subdocument that stores the post created by a user
events	Sub-document	Events is a subdocument that stores the events created by a user
hashPassword	string	The password when users log in.

Posts

The Posts collection is a sub-document of users and will store all the posts created by users. It stores the content a user submits to the site.

```
[{
      "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
```

```
      "content": "Technology",
      "postedDate": "1/1/2006"
      "title": "What Phone SHould I buy?"
      "upvotes" : [7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310,
                   7b696a2-d0f2-4g8g-h67d-7a1d4b6b6710],
      "posterId" : "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
      "posterName" : "Google Pixel XL",

      "comments" :
}]
```

Name	Type	Description
_id	string	Stores the poll id.
content	string	The text a user inputs as a post
postedDate	date	Store the date that the posts created.
title	string	Stores the title of the post
upvotes	array	An array that stores the userIds of the those who upvote the post
posterId	string	The userId of the user who created the post
posterName	string	The username of the user who created the post

Events

Events is a subdocument of the user collection and stores the events created by a user

```
"Events":[{
        "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
        "Title": "Prose Bros",
        "Date": "1/1/006",

        "Time": "10:00PM"

        "location": 123 Sesame Place, Cleveland, OH

        "bannerImage": <image data>

        "Attendees": [7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310,
                7b696a2-d0f2-4g8g-h67d-7a1d4b6b6710],

    }]
```

Name	Type	Description
_id	string	The event ID.
title	string	The title of the event
eventDate	date	Store the date that the posts created.
eventTime	string	Time of event
Location	string	Location of the event
Attendees	Array	List of userIds for those attg the event

Comments

Comments is a subdocument of the posts collection and stores the comments created by a user

```
"Comments":[{
        "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
        "content": "Prose Bros",
        "Date": "1/1/006",

        "Time": "10:00PM"

        "posterId" : "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",],

        "posterName" : "John Doe"

    }]
```

Name	Type	Description
_id	string	The event ID.
content	string	The text of the comment
date	date	Store the date that the comment was created
time	string	Time comment was posted
posterId	string	The userId of the user who created the post
posterName	string	The username of the user who created the post