# **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” : “Google Pixel XL}]  
 “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",  
}]

|  |  |  |
| --- | --- | --- |
| **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 |
| BannerImage | bson | Image data for event |
| Attendees | array | List of userIds for those attg the event |