**Coupon Application**

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**Users**

The user collection will store all users. Users will be able to log in, update their details, and post polls.  An array of the poll id’s the user-created and an array of the poll id’s the user has voted on

{

     "firstName": "John”

     “lastName”: “Doe",

     "Email": "JDoe@gmail.com",

     "Gender": "M",

     "City": "Hoboken",

     "State": "NJ",

     "\_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",

"hashedPassword": "$2a$08$XdvNkfdNIL8F8xsuIUeSbNOFgK0M0iV5HOskfVn7.PWncShU.O"

}

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| \_id | string | A globally unique identifier to represent the user. |
| hashPassword | string | The password when users log in. |

**Ratings**

The ratings collection will store all ratings for all the coupons. Users will be able to log on and provide ratings on different coupons they are interested in and have used.  An array of the rating id’s, referencing each coupon and which user made the rating, will be created.

{

     "\_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310”

     “Coupon”: “7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",

“User”: “7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310”,

“Comment”: “This coupon was great!”

}

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| \_id | string | A global unique identifier to represent each rating |
| Coupon | string | ID of coupon the rating is referring to |
| User | string | ID of user that made the rating |
| Comment | string | Comment that user left with the rating |

**Comments**

Comments is a subdocument of the polls collection.

   "Comments":[{

         “\_id”: “7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310”,

         “Name”: “John Do”,

         “Comment”: “You should go with the pixel!”

         }]

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| \_id | string | The comment ID. |
| name | string | The name of the person who posted the comment. |
| comment | string | The comment text. |

**Valid or Invalid coupons**

We will be checking the validity of the coupons if a certain coupon gets 20 dislikes more than the total no of likes.

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| \_id | string | A global unique identifier to represent each rating |
| CouponId | string | ID of coupon |
| Likes | Number | To count the total no of likes |
| DIslikes | Number | To count the total no of dislikes |