**Academic Collaboration Platform**

**Group members:**

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* Mohammad Khan
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**Users:**

The users collection will contain all users of the collaboration platform. Users will be able to login, update their profile and post questions. An array of post questions the users created and an array of comments the users comment.

{

“userId”: “6054c3b74218c3426861590e”,

“userName”: “xxxxxx”,

“password”: “xxxxxxx”,

“nickName”: “xxx”,

“email”: “[xxx@xxx.com](mailto:xxx@xxx.com)”,

“major” : “Computer Science”,

“gradYear” : 2020,

“courses”: [“cs546”, … ],

“postIds”: [“6054c3b74218c34268615915”, … ],

“commentIds”: [“6055a6784765c78268613749”, … ]

}

| **Name** | **Type** | **Description** |
| --- | --- | --- |
| userId | ObjectId | Automatic generation id for user |
| userName | String | Username to log in |
| password | String | 6-12 bit (both numbers and characters). Storing hashed version. |
| nickName | String | Custom name to display |
| email | String | User email |
| major | String | User major |
| gradYear | Number | Graduation year |
| courses | Array | Class array that user take |
| postIds | Array | Array of Posts’s \_id |
| commentIds | Array | Array of Comments’ \_id |

**Posts:**

Users can post questions about the campus, classes, and other Stevens related posts.

{

“postId”: “6054c3b74218c3426861590e”,

“userId”: “6054c3b74218c3426861590e”,

“userName”: “xxx”,

“title”: “xxxxxx”,

“postContent”: “xxxxxxx”,

“tags”: [“cs546”, … ],

“postTime” : 2021-04-23T18:25:43.511Z,

“rating”: 103,

“resolvedStatus”: true,

“commentIds”: [“6055a6784765c78268613749”, … ]

}

| **Name** | **Type** | **Description** |
| --- | --- | --- |
| postId | ObjectId | Automatic generation id for post |
| userId | ObjectId | User |
| userName | String | Poster username |
| title | String | Post title |
| postContent | String | Specific question about the campus, classes, and other Stevens related things |
| tags | Array | Keyword for searching |
| postTime | Date | Post release time |
| rating | Number | Upvote/downvote post |
| resolvedStatus | Boolean | Resolved with solution or unresolved by |
| commentIds | Array | Comment for Posts |

**Comments:**

Comments below a post question. Question posters can decide which comment is the best answer and mark it as a solution. All users can upvote or downvote comments.

{

“commentId”: “6053c3k96818c3426861590e”,

“comContent”: “xxxxxx”,

“userName”: “xxxxxxx”,

“postTime”: 2021-04-23T18:25:43.511Z,

“rating” : 0,

“isSolution” : false,

}

| **Name** | **Type** | **Description** |
| --- | --- | --- |
| commentId | ObjectId | Automatic generation id for comment |
| comContent | String | Comment content aiming at corresponding post |
| userName | String | Comment username |
| postTime | Date | Comment post time |
| rating | Number | Upvote/downvote comment (only show if rating is higher than 0) |
| isSolution | Boolean | Check if use set this as the solution which will turn the posts as solved if there is one comment that has isSolution correct. |