

Beyond Bottles

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A dark blue diagonal gradient bar that starts from the bottom left corner and extends towards the top right corner, covering the lower half of the slide.

Instructions to build the project

Prerequisites

Before running the app, make sure you have the following installed:

Java Development Kit (JDK): [link](#).

Android Studio.

Android Emulator (when can be installed using Android studio).

Getting Started

To get started with the app, follow these steps:

1. Clone the repository: git clone <https://github.com/navaneethnivol/CS161-Team-BeyondBottles>.
2. Open Android Studio.
3. Open 'CS161-Team-BeyondBottles/dev' folder in android (it should automatically install all the dependencies).
4. Open Android Emulator.
5. Run the project (Run can be found in the toolbar of android studio).

Current Progress

The current milestone in progress:

Milestone Completed - M3 (3/5 - 3/16): Frontend App UI Screen

Currently working on M4 (3/19 - 3/30): Core Features Implementation (APIs)

Finished Features

Register User API

The screenshot displays a REST client interface for a "Register User" API endpoint. The request is a POST method to the URL `https://2fc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/register?username=likhithne4man873i3001&email=likh8ith.n39m4em3a28ni@gmail.com&password=...`. The "Query Params" section shows four parameters: `username` (value: `likhithne4man873i3001`), `email` (value: `likh8ith.n39m4em3a28ni@gmail.com`), `password` (value: `leelu123`), and an empty `Key` field.

The response is shown in the "Body" section, indicating a status of 200 OK with a response time of 125 ms and a size of 333 B. The response body is formatted as JSON and contains the following data:

```
1 {
2   {
3     "email": "likh8ith.n39m4em3a28ni@gmail.com",
4     "error": "none",
5     "id": 36,
6     "username": "likhithne4man873i3001"
7   }
8 }
```

Finished Features

Get Question / Posts

The screenshot displays a REST client interface with a GET request to `https://2fc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/questions`. The response is a JSON array of two question objects, each with fields for comments, id, question, time, upvotes, and username.

Request:

- Method: GET
- URL: `https://2fc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/questions`

Response Body (JSON):

```
1 [
2   {
3     "comments": 1,
4     "id": 1,
5     "question": "Test question",
6     "time": "0 hours ago",
7     "upvotes": 0,
8     "username": "likhithman01001"
9   },
10  {
11    "comments": 0,
12    "id": 2,
13    "question": "Test question",
14    "time": "0 hours ago",
15    "upvotes": 0,
16    "username": "likhithman01001"
17  }
18 ]
```

Finished Features

Add Comment API

The screenshot displays a REST client interface for a sample API named "Add Comment". The request is a POST to the URL `https://2fc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/addcomment`. The request body is a JSON object: `{ "question_id": 1, "user_id": 5, "comment": "This is my first comment" }`. The response status is 200 OK, and the response body is a JSON object: `{ "status": "success" }`.

Sample / Add Comment

POST `https://2fc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/addcomment` Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   ... "question_id": 1,
3   ... "user_id": 5,
4   ... "comment": "This is my first comment"
5 }
```

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 270 ms Size: 232 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "status": "success"
4   }
5 }
```

Finished Features

Get Comments API

The screenshot displays a REST client interface for a "Get Comments" API endpoint. The request is a GET method to the URL `https://Zfc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/getcomments?question_id=1`. The response is a 200 OK status with a response time of 88 ms and a size of 317 B. The response body is shown in JSON format, containing a single comment object.

Sample / **Get Comments**

GET `https://Zfc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/getcomments?question_id=1` Send

Params • Authorization Headers (7) Body Pre-request Script Tests Settings • Cookies

Query Params

<input checked="" type="checkbox"/> Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> question_id	1			
Key	Value	Description		

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 88 ms Size: 317 B Save as example

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "comment": "This is my first comment",
4     "time": "0 hours ago",
5     "username": "likhithneman330i001"
6   }
7 ]
```

Finished Features

Upvote API

The screenshot displays a REST client interface for a sample API named "Upvote". The request is a POST to the URL "https://Zfc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/upvote?question_id=1". The "Params" tab is active, showing a query parameter "question_id" with a value of "1". The response status is 200 OK, with a time of 163 ms and a size of 232 B. The response body is shown in JSON format, indicating a successful status.

Sample / Upvote

POST https://Zfc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/upvote?question_id=1 Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	Bulk Edit
<input checked="" type="checkbox"/>	question_id	1		
	Key	Value	Description	

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 163 ms Size: 232 B Save as example

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "status": "success"
4   }
5 ]
```


Finished Features

Downvote API

The screenshot displays a REST client interface for a 'Downvote' API endpoint. The request is a POST to `https://2fc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/downvote?question_id=1`. The 'Query Params' section shows a table with one entry: `question_id` with value `1`. The 'Body' section shows a JSON response: `{ "status": "success" }`. The status bar indicates a 200 OK response with a time of 126 ms and a size of 232 B.

Sample / Downvote

POST `https://2fc8-2601-646-9080-2330-2491-4588-c6d2-2973.ngrok-free.app/downvote?question_id=1` Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	Bulk Edit
<input checked="" type="checkbox"/>	question_id	1		
	Key	Value	Description	

Body Cookies Headers (5) Test Results Status: 200 OK Time: 126 ms Size: 232 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "status": "success"
4   }
5 }
```

Live Demo

- Register User
- Add Comment
- Get Comments
- Upvote/Downvote
- Get Posts

Partner Teams

Week 2 - GitInsight

Week 4 - ChoreTracker

Week 6 - GeoUnity

Week 9 - XMarksTheSpot

Partner Teams are able to build the project based on the build instructions.

Partner Feedback

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Thank You