

# SKETCHY BUSINESS

## BACKEND API DOCUMENTATION

### TECH STACK

- NODE.JS WITH EXPRESS
- DATABASE: MONGODB WITH MONGOOSE
- DEPLOYMENT READY: CORS FOR FRONTEND INTEGRATION WITH VERCEL

### ENVIRONMENT VARIABLES (REQUIRED IN .ENV)

- PORT=YOUR\_DESIRED\_PORT
- MONGOURL=MONGODB\_CONNECTION\_STRING

### DIRECTORY STRUCTURE

```
PROJECT/  
|  
|—— PUBLIC/           // STATIC ASSETS  
|—— .ENV              // ENVIRONMENT VARIABLES  
|—— SERVER.JS
```

### USER AUTHENTICATION

#### POST /REGISTER

REGISTERS A NEW USER.

REQUEST BODY:

JSON:

```
{  
  "USERNAME": "YOUR_USERNAME",  
  "PASSWORD": "YOUR_PASSWORD"  
}
```

RESPONSE:

- 200 OK: REGISTRATION SUCCESSFUL
- 400 BAD REQUEST: MISSING USERNAME OR PASSWORD
- 409 CONFLICT: USERNAME ALREADY TAKEN



## POST /API/LOGIN

LOGS IN AN EXISTING USER.

REQUEST BODY:

JSON:

```
{
  "USERNAME": "YOUR_USERNAME",
  "PASSWORD": "YOUR_PASSWORD"
}
```

RESPONSE:

JSON:

```
{
  "STATUS": "SUCCESS",
  "TOKEN": "JWT_TOKEN"
}
```

- 200 OK: LOGIN SUCCESSFUL
- 400 BAD REQUEST: MISSING FIELDS
- 401 UNAUTHORIZED: WRONG USERNAME OR PASSWORD
- 500 INTERNAL SERVER ERROR: SERVER ERROR



## DRAWINGS



### GET /API/DRAWINGS

FETCHES ALL DRAWINGS.

RESPONSE:

```
[
  {
    "CUSTOMID": 1,
    "TITLE": "...",
    "...": "..."
  }
]
```



### GET /API/DRAWINGS/:ID

FETCHES A SPECIFIC DRAWING BY CUSTOMID.

RESPONSE:

```
{
  "CUSTOMID": 1,
  "TITLE": "...",
  "...": "..."
}
```



### POST /API/DRAWINGS/:ID/LIKE

TOGGLE LIKE FOR A DRAWING.

REQUEST BODY:

```
{
  "USERNAME": "YOUR_USERNAME"
}
```

RESPONSE:

```
JSON:{
  "LIKES": 1,
  "LIKED": TRUE,
  "LIKEDBY": ["YOUR_USERNAME"]}
```

✚ POST /API/DRAWINGS/:ID/GETLIKE

GET LIST OF USERS WHO LIKED A DRAWING.

REQUEST BODY:

```
{
  "USERNAME": "YOUR_USERNAME"
}
```

RESPONSE:

```
{
  "LIKEDBY": ["USER1", "USER2"]
}
```

## ⚡ VIEWS

✚ GET /API/DRAWINGS/:ID/VIEWS

GET THE VIEW COUNT OF A DRAWING.

RESPONSE:

```
{
  "VIEWS": INT
}
```

✚ POST /API/DRAWINGS/:ID/VIEWS

INCREASE VIEW COUNT BY 1.

RESPONSE:

```
{
  "VIEW": "INCREASED BY 1."
}
```

## ⚡ COMMENTS

✚ GET /API/DRAWINGS/:ID/COMMENTS

GET COMMENTS FOR A DRAWING.

RESPONSE:

```
{
  "COMMENTS": [
    {
      "USERNAME": "USER123",
      "TEXT": "NICE DRAWING!",
      "CREATEDAT": "2025-06-12T10:11:22Z"
    }
  ]
}
```

✚ POST /API/DRAWINGS/:ID/COMMENTS

ADD A NEW COMMENT.

REQUEST BODY:

```
{
  "USERNAME": "USER123",
  "TEXT": "AWESOME!"
}
```

RESPONSES:

- 201 CREATED: COMMENT ADDED
- 400 BAD REQUEST: MISSING FIELDS
- 404 NOT FOUND: DRAWING DOESN'T EXIST