**API Documentation - Building-u Feedback**

**Introduction**

The **Building-u Feedback API** allows interns at Building-u to request feedback on their projects and enables mentors to provide reviews. The API handles authentication, feedback management, user administration, and notifications.

**Base URL**

* **Production:** https://buildingu.github.io/Building-u-feedback-api
* **Development:** http://localhost:5001

**Authentication Endpoints**

**Register User**

**Endpoint:** POST /api/users/register **Description:** Creates a new user account. **Request Body:**

{

"fName": "John Doe",

"userName": "johndoe@example.com",

"password": "securepassword123"

}

**Response:**

{

"message": "User Added Successfully",

"user": { "id": "uuid", "fName": "John Doe", "username": "johndoe@example.com" }

}

**Login User**

**Endpoint:** POST /api/users/login **Description:** Authenticates a user and returns a session token.

**Logout User**

**Endpoint:** POST /api/users/logout **Description:** Logs out the user and clears the session.

**Feedback Management**

**Submit Feedback Request**

**Endpoint:** POST /api/feedback/submitfeedback **Description:** Allows interns to submit a feedback request.

**Get All Feedback Requests**

**Endpoint:** GET /api/feedback/getfeedbackrequestForms **Description:** Retrieves all pending feedback requests.

**Assign Feedback Request**

**Endpoint:** POST /api/feedback/assignFeedBack/:feedbackrequestId **Description:** Allows a mentor to assign a feedback request to themselves.

**Submit Feedback**

**Endpoint:** POST /api/feedback/addFeedBack/:feedbackrequestId **Description:** Allows a mentor to provide feedback on a request.

**Mark Feedback Request as Complete**

**Endpoint:** GET /api/feedback/markFeedBackRequestComplete/:feedbackrequestId **Description:** Marks a feedback request as complete.

**User Management**

**Get Assigned Feedback Requests**

**Endpoint:** GET /api/feedback/getAssignedFeedBacks **Description:** Retrieves feedback requests assigned to the logged-in mentor.

**Update User Account**

**Endpoint:** PATCH /api/users/updateaccount **Description:** Updates user details.

**Password Reset**

**Forgot Password**

**Endpoint:** POST /api/password/forgotPassword **Description:** Sends an OTP token for password reset.

**Verify OTP**

**Endpoint:** POST /api/password/checkToken **Description:** Checks if the OTP is valid.

**Reset Password**

**Endpoint:** PATCH /api/password/updatePassword **Description:** Updates the password after OTP verification.

**Database Setup**

**Using Docker**

docker-compose up -d

**Environment Variables**

DB\_NAME=buildufeedback

DB\_HOST=localhost

DB\_USER=root

DB\_PASS=password

DB\_PORT=3306

JWT\_SECRET=your\_secret\_key

**Frontend Integration**

The frontend is built using **React.js**. API calls can be made using fetch or Axios.

Example:

fetch('https://buildingu.github.io/Building-u-feedback-api/api/users/login', {

method: 'POST',

headers: { 'Content-Type': 'application/json' },

body: JSON.stringify({ userName: 'test@example.com', password: 'test123' })

})

.then(response => response.json())

.then(data => console.log(data));

**Contribution Guide**

1. Fork the Repository.
2. Create a Branch (feature-xyz).
3. Push Changes & Open PR.

For more details, check the [Contribution Guide](https://github.com/buildingu/Building-u-feedback/blob/main/CONTRIBUTION.md).