**POSTMAN - Example requests and responses**

**POST Request**

* **Endpoint:** http://localhost:3000/preferences
* **Body (Raw JSON):**

{

"userId": "user123",

"email": "user@example.com",

"preferences": {

"marketing": true,

"newsletter": true,

"updates": true,

"frequency": "weekly",

"channels": {

"email": true,

"sms": false,

"push": true

}

},

"timezone": "UTC"

}

**Expected Response**

* **Status Code:** 201 Created
* **Response Body (Example):**

{

"\_id": "648a4e8e9b5bfc001f472e31", // Auto-generated MongoDB ID

"userId": "user123",

"email": "user@example.com",

"preferences": {

"marketing": true,

"newsletter": true,

"updates": true,

"frequency": "weekly",

"channels": {

"email": true,

"sms": false,

"push": true

}

},

"timezone": "UTC",

"\_\_v": 0

}

**GET Request**

* **Endpoint:** http://localhost:3000/preferences/user123

**Expected Response**

* **Status Code:** 200 OK
* **Response Body (Example):**

{

"\_id": "648a4e8e9b5bfc001f472e31", // Same ID as created above

"userId": "user123",

"email": "user@example.com",

"preferences": {

"marketing": true,

"newsletter": true,

"updates": true,

"frequency": "weekly",

"channels": {

"email": true,

"sms": false,

"push": true

}

},

"timezone": "UTC",

"\_\_v": 0

}

**Explanation of the Process:**

1. **POST Request** creates a new user preference record in the MongoDB database.
2. **GET Request** retrieves the newly created record using the userId (user123) and responds with the stored document.

Make sure:

* Your application is running at http://localhost:3000.
* MongoDB is connected and operational.
* The schema is properly configured, and the PreferencesModule is correctly implemented.