**User Preference Microservice API Documentation**

**Base URL**

http://localhost:8080

**EndPoints :-**

**1. Get User Preferences**

**Endpoint:**

GET /userPreference/{userId}

Description: Retrieves the preferences of a user based on the provided userId.

**Parameters:**

userId (Integer): The ID of the user (Required)

**Responses:**

**200 OK**: Successfully retrieved the user preferences.

Content-Type: application/json

Body:

{

"userId": 1,

"darkMode": true,

"platforms": ["Facebook", "Twitter"]

}

**404 Not Found**: User with the given userId does not exist.

Content-Type: application/json

Body:

{

"status": 404,

"error": "Not Found",

"message": "User preferences not found"

}

**Example Request**

GET /preferences/1

**Example Response:**

{

"userId": 1,

"darkMode": true,

"platforms": ["Facebook", "Twitter"]

}

**2. Save User Preferences**

**Endpoint:**

POST /userPreference/{userId}

**Description**: Saves or updates the preferences for a user.

**Request Body:**

Content-Type: application/json

Body:

{

"userId": 1,

"darkMode": true,

"platforms": ["Facebook", "Twitter"]

}

**Responses**:

200 OK: Successfully saved or updated the user preferences.

Content-Type: application/json

Body:

{

"userId": 1,

"darkMode": true,

"platforms": ["Facebook", "Twitter"]

}

**Example Request:**

POST /preferences/1

Content-Type: application/json

{

"darkMode": false,

"platforms": ["Facebook", "Twitter"]

}

**Example Response:**

{

"userId": 1,

"darkMode": false,

"platforms": ["Facebook", "Twitter"]

}

**Error Handling**

Common Error Responses:

**400 Bad Request**: Invalid request body or parameters.

Content-Type: application/json

Body:

{

"status": 400,

"error": "Bad Request",

"message": "Invalid request data"

}

**500 Internal Server Error**: Unexpected server error.

Content-Type: application/json

Body:

{

"status": 500,

"error": "Internal Server Error",

"message": "An unexpected error occurred"

}