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# IDEALoop

Variables	Values
BASE	<a href="http://localhost:8081/">http://localhost:8081/</a>

## signup

User signup and auth apis

### GET get-otp

{{BASE}}operations/send-otp-mail/jay.s7@ahduni.edu.in

### Send OTP Mail

Sends the OTP mail to the user on the entered mail id.

- Method: GET
- Endpoint: `{{BASE}}operations/send-otp-mail/jay.s7@ahduni.edu.in`

### Response

Boolean: True/ False

**Body** raw (json)

json

```
{
  "userEmail": "jay.s7@ahduni.edu.in",
  "userPass": "jays7",
  "ideas": []
}
```

## GET validate-otp

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This endpoint makes an HTTP GET request to validate the OTP for a specific user. The request should include the user's email and the OTP to be validated. The request body should be in raw format and include the user's email, password, and a list of ideas.

### Request Body

- userEmail (string): The email of the user.
- userPass (string): The password of the user.
- ideas (array): An array of ideas.

### Response

Boolean: True/ False

**Body** raw (json)

json

```
{
  "userEmail": "jay.s7@ahduni.edu.in",
  "userPass": "jays7",
  "ideas": []
}
```

## POST add-user

{{BASE}}operations/newUser

This api is for internal use

**Body** raw (json)

json

```
{
  "userEmail": "{{userEmail}}",
  "userPass": "{{userPass}}",
}
```

# idea

apis related to the user idea creation, updation and deletion

## POST add-idea

{{BASE}}operations/add-idea?UserMail={{UserMail}}

This endpoint allows the user to add a new idea by sending a POST request to the specified URL. The request should include the user's email as a query parameter and a JSON payload in the request body, containing the idea's title, text, reminder details, and other relevant information.

### Request Body

- `ideaTitle` (string): The title of the idea.
- `ideaText` (string): The description or details of the idea.
- `remindMe` (boolean): Indicates whether the user wants to set a reminder for the idea.
- `nextRemindDate` (string): The date for the next reminder in the format "YYYY-MM-DD".
- `gap` (number): The gap or interval for the reminder in days.

### Response

The response will be in JSON format with the following schema:

json

```
{
  "ideaId": "",
  "ideaTitle": "",
  "ideaText": "",
  "remindMe": true,
  "nextRemindDate": "",
  "gap": 0
}
```

- `ideaId` (string): The unique identifier for the newly added idea.
- `ideaTitle` (string): The title of the idea.
- `ideaText` (string): The description or details of the idea.

- `remindMe` (boolean): Indicates whether the user has set a reminder for the idea.
- `nextRemindDate` (string): The date for the next reminder in the format "YYYY-MM-DD".

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## PARAMS

**UserMail** `{{UserMail}}`

**Body** raw (json)

json

```
{
  "ideaTitle": "{{ideaTitle}}",
  "ideaText": "{{ideaText}}",
  "remindMe": {{remindMe}},
  "nextRemindDate": "{{nextRemindDate}}",
  "gap": {{gap}}
}
```

## PUT update-idea

`{{BASE}}operations/update-idea/jay.s7@ahduni.edu.in`

This endpoint allows users to update an existing idea by sending an HTTP PUT request to the specified URL. The request should include the `ideaId`, `ideaTitle`, `ideaText`, `remindMe`, `nextRemindDate`, and `gap` in the request body. The `ideaId` is the unique identifier of the idea being updated, while `ideaTitle` and `ideaText` represent the updated title and description of the idea. The `remindMe`, `nextRemindDate`, and `gap` parameters are used to set a reminder for the idea.

Upon a successful update, the endpoint will return a response with the updated details of the idea, including the `ideaId`, `ideaTitle`, `ideaText`, `remindMe`, `nextRemindDate`, and `gap`.

### Request Body:

- `ideaId` (string): The unique identifier of the idea being updated.
- `ideaTitle` (string): The updated title of the idea.
- `ideaText` (string): The updated description of the idea.
- `remindMe` (boolean): Indicates whether a reminder is set for the idea.
- `nextRemindDate` (string): The date for the next reminder in the format 'YYYY-MM-DD'.
- `gap` (integer): The gap in days for the reminder.

### Response:

- Boolean: True/ false;

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json

```
{
  "ideaId": "682c18fd04a3a51030da152c",
  "ideaTitle": "ear speaker",
  "ideaText": "make speakers better.",
  "remindMe": true,
  "nextRemindDate": "2025-06-01",
  "gap": 7
}
```

## DELETE delete-idea

{{BASE}}operations/delete-idea/jay.s7@ahduni.edu.in/682c18fd04a3a51030da152c

### Delete Idea

This endpoint is used to delete a specific idea identified by its unique idea ID.

#### Request

- Method: DELETE
- URL: `{{BASE}}operations/delete-idea/jay.s7@ahduni.edu.in/682c18fd04a3a51030da152c`
- Headers:
  - Content-Type: application/json
- `{ "ideald": "682c18fd04a3a51030da152c", "ideaTitle": "ear speaker", "ideaText": "make speakers better.", "remindMe": true, "nextRemindDate": "2025-06-01", "gap": 7 }`

#### Response

Boolean: True/ False

#### Body raw

```
{
  "ideaId": "682c18fd04a3a51030da152c",
  "ideaTitle": "ear speaker",
  "ideaText": "make speakers better."
```

```
"remindMe": true,  
"nextRemindDate": "2025-06-01",
```

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# User

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## GET fetch-ideas

{{BASE}}operations/fetch-user-ideas/jay.s7@ahduni.edu.in

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The `GET` request is used to fetch a list of user ideas associated with the specified email address.

## Request

The request requires the following

- `userEmail` : (string) The user's email address

## Response

Upon successful execution, the response returns a JSON array containing objects with the following properties:

- `ideaId` : (string) The unique identifier for the idea
- `ideaTitle` : (string) The title of the idea
- `ideaText` : (string) The description or text of the idea
- `remindMe` : (boolean) Indicates if the user has set a reminder for the idea
- `nextRemindDate` : (string) The date for the next reminder
- `gap` : (number) The gap or interval for the reminder

Example:

json

```
[
  {
    "ideaId": "",
    "ideaTitle": "",
    "ideaText": "",
    "remindMe": true,
    "nextRemindDate": "",
    "gap": 0
  }
]
```

##### JSON Schema

## GET wake

{{BASE}}operations/wake

This api is to be called when the user visits the website, i.e. to wakeup the backend