This project developed by Sasithorn Hannarong for the Home Test for Graduate BE Engineer

**\*\*client-side\*\***

A client-side part which is run in the web browser. The code is in src/components/App.js

This part is implemented using React JavaScript library along with other modules:

1. Create one or more notes.

2. View and edit an existing note.

3. List all notes that have been created

**\*\*server-side\*\***

The code is in functions/index.js

The api for this web is: https://us-central1-agodanote.cloudfunctions.net/api

I used firebase as a database

**The API can expose these HTTP end points:**

1. **POST /api/notes in order to create a note**

You can POST new note by passing key and value from body or Params.

My POST api requires 2 key which are title and body.

Use POSTMAN, send from body:

1. Select POST and enter <https://us-central1-agodanote.cloudfunctions.net/api> as a request URL
2. Select body
3. Select x-www-form-urlencoded
4. Pass 2 keys: [{"key":"title","value":"TestTitle","description":"","type":"text","enabled":true},{"key":"body","value":"TestBody","description":"","type":"text","enabled":true}]
5. Click send

Use POSTMAN, send from params:

1. Select POST and pass https://us-central1-agodanote.cloudfunctions.net/api?title=TestTitle&body=TestBody
2. **GET /api/notes in order to get all notes**

Use POSTMAN:

1. Select GET and enter <https://us-central1-agodanote.cloudfunctions.net/api> as a request URL then click send

USE Browser:

1. Paste <https://us-central1-agodanote.cloudfunctions.net/api/GET> on browser
2. **GET /api/notes/{id} in order to get one note by {id}**

Use POSTMAN, pass id via params:

1. Select GET and enter <https://us-central1-agodanote.cloudfunctions.net/api> as a request URL
2. Select Params
3. For the key, use id and for value, please pass any valid id (you can check all id here <https://us-central1-agodanote.cloudfunctions.net/api/GET>)
4. Click send

USE Browser:

1. Paste
2. https://us-central1-agodanote.cloudfunctions.net/api/GET?id=<any valid key here>

i.e. https://us-central1-agodanote.cloudfunctions.net/api/GET?id=-LX6ZVvBwpCBST7pjNn8

**4. PUT /api/notes/{id} in order to update one note by {id}**

Use POSTMAN, pass id, title and body via params:

1. Select PUT and enter <https://us-central1-agodanote.cloudfunctions.net/api>
2. Select Params
3. There are 3 keys required for this PUT request, please use id, title and body as keys. You can pass any value for the title or body value but please pass only the valid id
4. Click send