

IMY 210

Practical 5: Making calls

Create an application that makes **CRUD calls to existing RESTful Api** that holds different sets of information. Your application will attempt to **retrieve information from the website** [\[https://jsonplaceholder.typicode.com/users \]](https://jsonplaceholder.typicode.com/users) dynamically and display the data accordingly.

Your application will **prompt a user for an ID**. Using this ID the system will retrieve:

- The user's name and username (<https://jsonplaceholder.typicode.com/users>)
- All post posted by said user (<https://jsonplaceholder.typicode.com/posts>)
- The user's todo list (<https://jsonplaceholder.typicode.com/todos>)

Your application should cater to the **basic CRUD (create, read, update, delete)** for each API.

Task

Your data retrieval application needs to have the following capabilities:

- Allow users to pick which API to query**
 - Users are query between: /post /todos /users
 - Create **a different component to deal with each data set**
- You should have **a input field that allow users to insert an index** when needed ??? do you mean post?
 - This is generally for all requests
 - Hint:** You are include queries on your requests
E.g. <https://jsonplaceholder.typicode.com/todos?userId=1>
- You should have **a input box that allow users to insert data** when needed
 - This is generally for PUT, PATCH and POST requests
 - Note:** Have a general input field that can be pushed to the required components. You will need a way to select which component to push to. A dropdown select or other options will work.
- You should have some way to **communicate whether the clients requests has been completed**
 - Either print out the updated data **or** print out the returning status
- Reminder:** The Jsonplaceholder API is a **fake** API for testing and prototyping, your update changes will not change the data directly of the website!
- (Bonus)** Style everything accordingly to look like a profile page of a user

Submission

- Compress** your final **src** folder into an archive named **P5.zip**.
- Submit your **ZIP** file to the upload slot provided on clickUP before the deadline.
- Ensure that you have a backup of your final submission.