

Assignment Week 6 Day 4

Your assignment is to mimic a working of a server (Use setTimeout) with the help of promises. A data file called data.js is located [here](#) containing an array of objects each with an id, name, email property. The following operations are expected to be done.

1) Find a user by id. => this function should return either the object or reject with an error saying a message not found. This function should reveal the result after 3 seconds. Just iterate through those objects and give the result of finding it or not.

Data example => [{ id: 1, name: 'Sundeep', email: 'sundeep@attainu.com' }, { id: 2, name: 'Rahul', email: 'rahul@attainu.com' },]

Example -> findUserById(1)

```
.then(
  function (res) {
    console.log(res) // should give the object itself
  }).catch(function (err) {
    console.log(err) // The error message should be present
```

here.

```
  })
```

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2) Add a new user => This function should accept a name and email arguments and add as an object inside the data array. If the name or email is not passed, then reject it as 'Email/Name is required'. If the email already exists in the data array, then you should reject it as an error 'Email already exists'. If all goes well, then return an object keeping the id as (last object's ID in the data array + 1). For example the data array contains 2 elements of id 1 and 2, then this new user should have an id of 3. This entire process should happen after 4 seconds.

Example -> `addNewUser('Lakshay', 'lakshaysaini@attainu.com')`

```
.then(  
  function (res) {  
    console.log(res) // should give the object itself  
  }).catch(function (err) {  
    console.log(err) // The error message should be present  
here.  
  })
```

The reason I am giving this is because this is what you will be doing extensively in the upcoming lectures of backend, so I am preparing you super early, and this will make you understand promises in a better way.