

## Task 4: UI for the created API

This Readme will provide an overview of the UI created to work with the REST API created during the previous tasks

### Overview

The app is a single page application built using React.js. The app is styled by tailwind-css and Bootstrap.

### Installation

<https://github.com/NikhilKumar2444/Kaiburr-Task-4.git>

install the dependencies: `npm install`

to run the app:

`npm start` build:

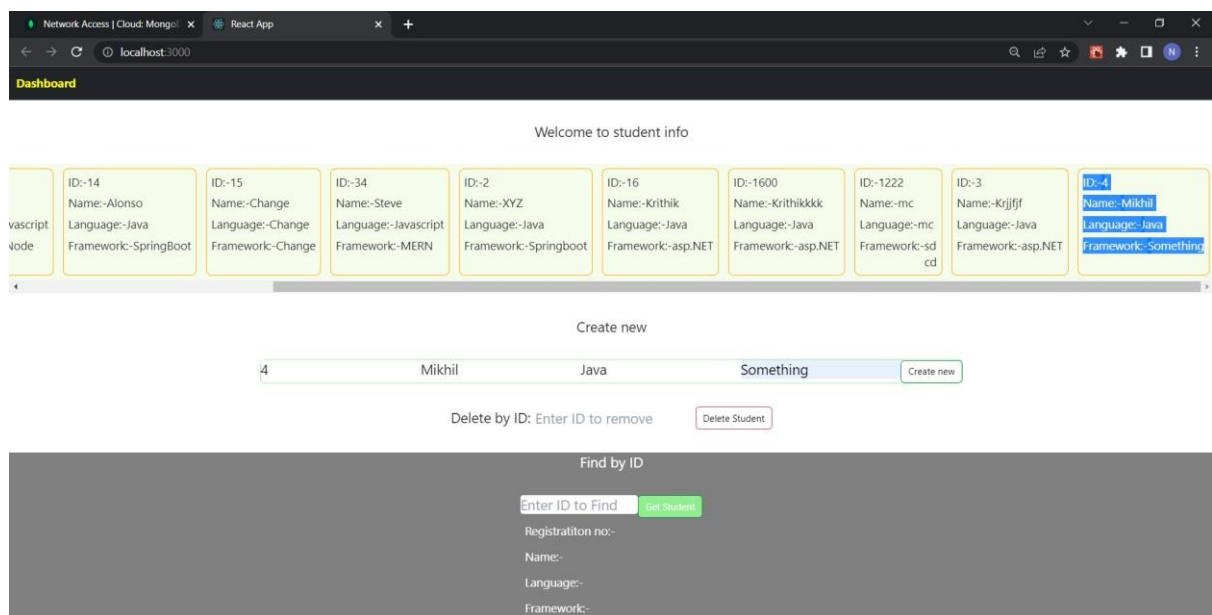
`npm run build`

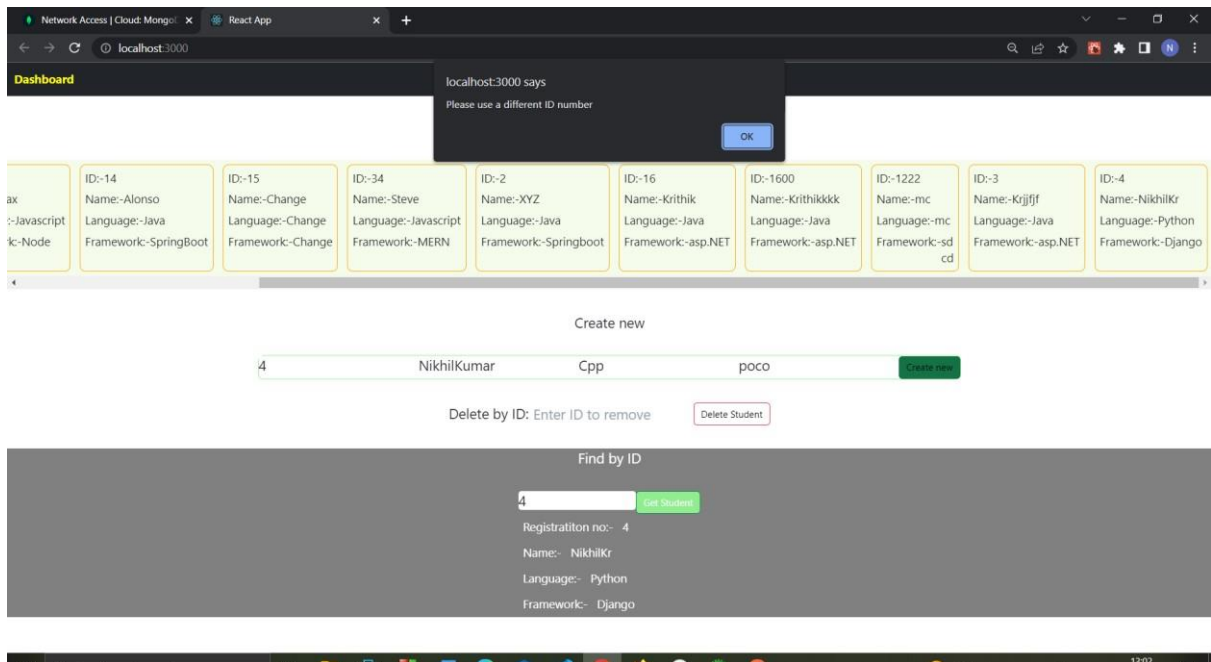
### Output overview and screenshots

The UI has 4 windows

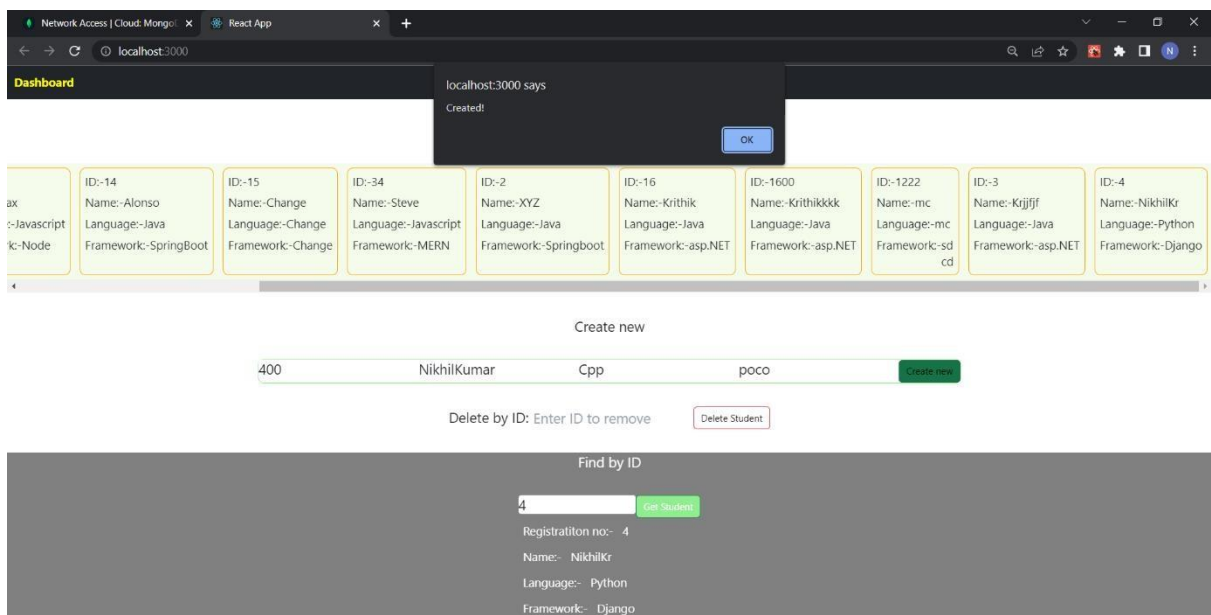
- 1) Create a new student entry
- 2) Delete an entry based on "ID"
- 3) Fetch an entry based on "Name"
- 4) Get all Entries

Create new student





As we already have an entry with ID=4 this is not allowed.



## Delete by ID

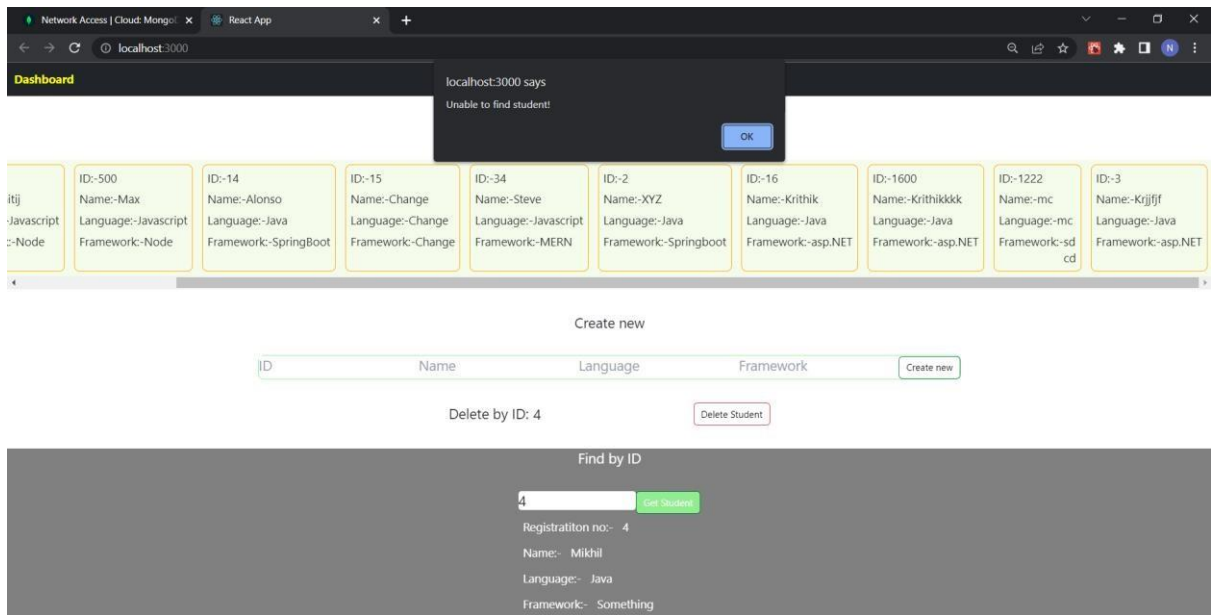
The screenshot shows a web application interface with a dark header. A notification box at the top center says "localhost:3000 says Successfully Removed" with an "OK" button. Below the header is a grid of student cards. The card for ID-4 (Name: Mikhil, Language: Java, Framework: Something) is highlighted. Below the grid is a "Create new" form with fields for ID, Name, Language, and Framework, and a "Create new" button. Below the form is a "Delete by ID: 4" button and a "Delete Student" button. At the bottom is a "Find by ID" section with a search bar containing "4", a "Get Student" button, and a list of student details: "Registration no:- 4", "Name:- Mikhil", "Language:- Java", and "Framework:- Something".

The screenshot shows the same web application interface. A notification box at the top center says "localhost:3000 says Unable to find student!" with an "OK" button. The grid of student cards is still visible, but the card for ID-4 is no longer present. The "Create new" form, "Delete by ID: 4" button, "Delete Student" button, and "Find by ID" section are still visible and unchanged.

After deleting the student we can't find any entry with ID=4

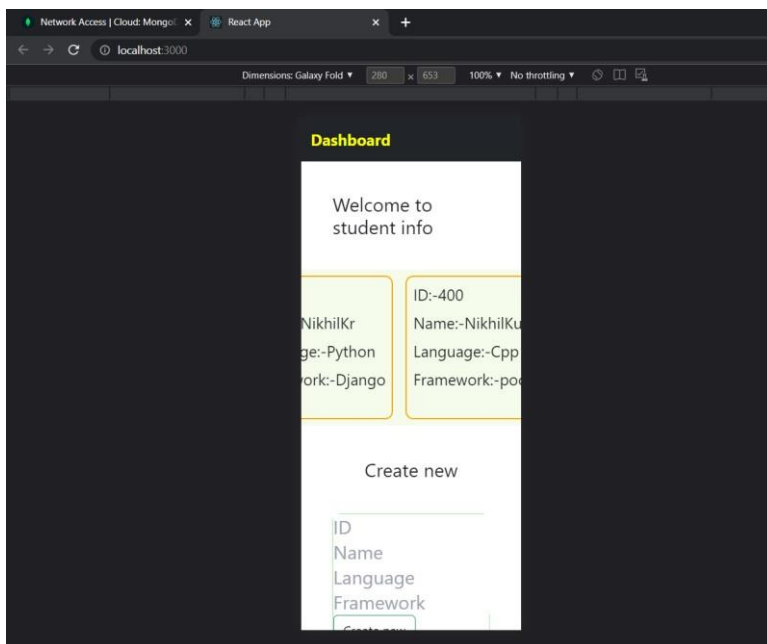
## Find by ID

The screenshot shows the same web application interface. The "Find by ID" section is highlighted. It contains a search bar with the value "4", a "Get Student" button, and a list of student details: "Registration no:- 4", "Name:- Mikhil", "Language:- Java", and "Framework:- Something".



Student with ID = 4 was deleted so now we cannot find it.

Responsiveness (device template used: Samsung Galaxy Fold)



(The section showing all students is scrollable left to right)

