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 using tailwind-css and Bootstrap.

Installation

Git clone https://github.com/NikhilKumar2444/Kaiburr-Task-4.git

install the dependencies: npm install

build: npm run build

to run the app: npm start

Output overview and screenshots

The UI has 4 windows

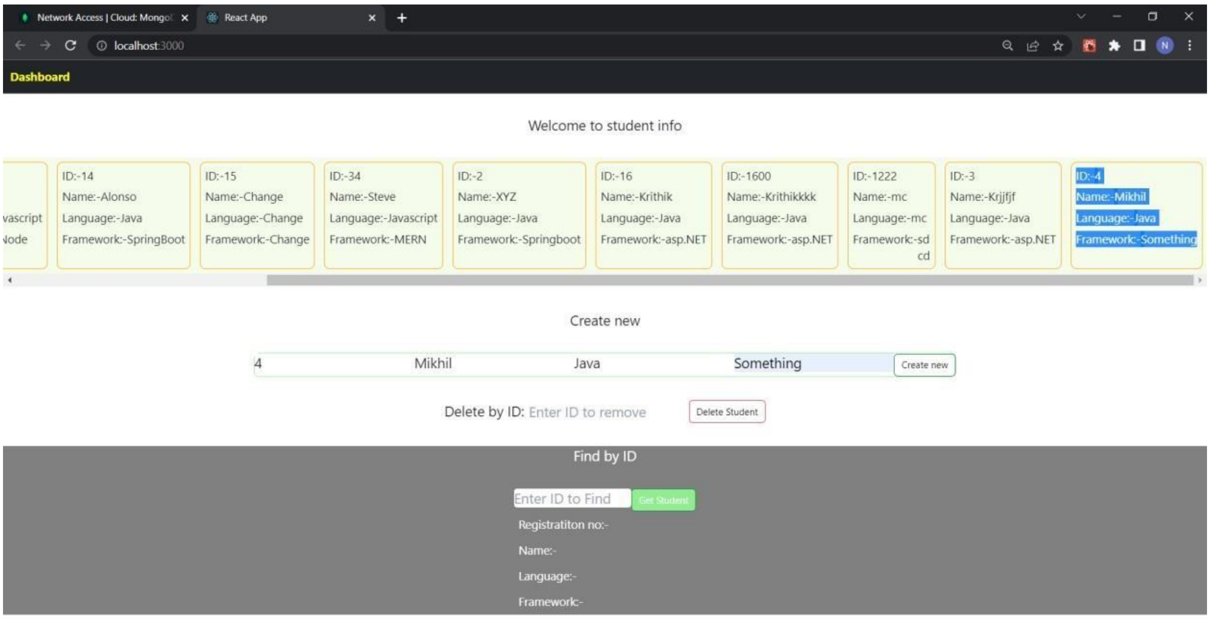
1) Create a new student entry

2)Delete an entry based on "ID"

3) Fetch an entry based on "Name"

4)Get all Entries

Create new student



Welcome to student info

vascript
Node

ID:-14
Name:-Alonso
Language:-Java
Framework:-SpringBoot

ID:-15
Name:-Change
Language:-Change
Framework:-Change

ID:-34
Name:-Steve
Language:-Javascript
Framework:-MERN

ID:-2
Name:-XYZ
Language:-Java
Framework:-Springboot

ID:-16
Name:-Krithik
Language:-Java
Framework:-asp.NET

ID:-1600
Name:-Krithikkkk
Language:-Java
Framework:-asp.NET

ID:-1222
Name:-mc
Language:-mc
Framework:-sdcd

ID:-3
Name:-Krjjfjf
Language:-Java
Framework:-asp.NET

ID:-4
Name:-Mikhil
Language:-Java
Framework:-Something

Create new

4 Mikhil Java Something

Delete by ID: Enter ID to remove

Find by ID

Enter ID to Find

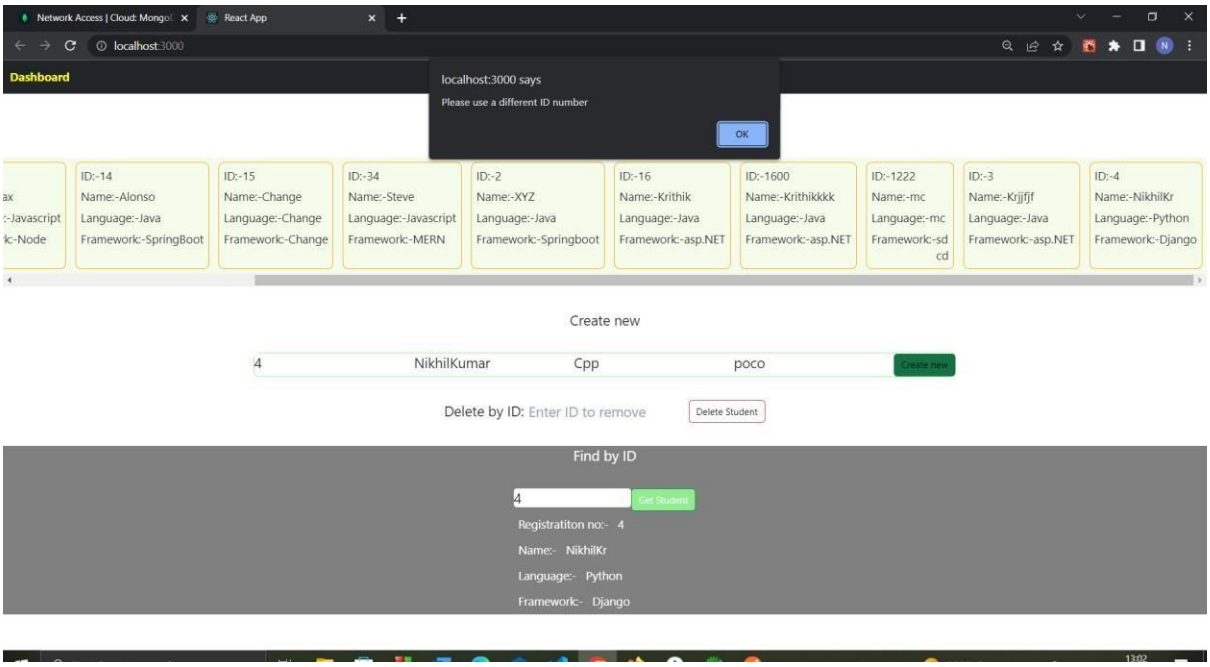
Registratiton no:-

Name:-

Language:-

Framework:-

As we already have an entry with ID=4, creating a new entry with same ID is not allowed.



localhost:3000 says

Please use a different ID number

	ID:-14	ID:-15	ID:-34	ID:-2	ID:-16	ID:-1600	ID:-1222	ID:-3	ID:-4
ax	Name:-Alonso	Name:-Change	Name:-Steve	Name:-XYZ	Name:-Krithik	Name:-Krithikkkk	Name:-mc	Name:-Krjjfjf	Name:-NikhilKr
:-Javascript	Language:-Java	Language:-Change	Language:-Javascript	Language:-Java	Language:-Java	Language:-Java	Language:-mc	Language:-Java	Language:-Python
k:-Node	Framework:-SpringBoot	Framework:-Change	Framework:-MERN	Framework:-Springboot	Framework:-asp.NET	Framework:-asp.NET	Framework:-sdcd	Framework:-asp.NET	Framework:-Django

Create new

4 NikhilKumar Cpp poco

Delete by ID: Enter ID to remove

Find by ID

4

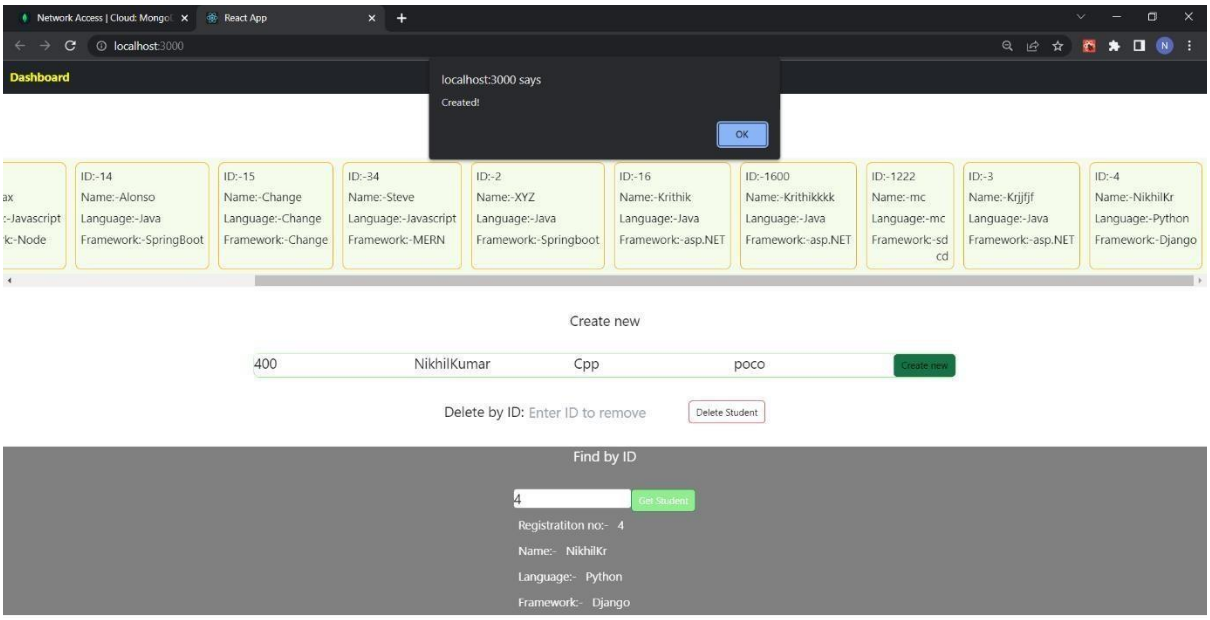
Registratiton no:- 4

Name:- NikhilKr

Language:- Python

Framework:- Django

After choosing an ID that is not already in use, the entry is created:



localhost:3000 says

Created!

	ID:-14	ID:-15	ID:-34	ID:-2	ID:-16	ID:-1600	ID:-1222	ID:-3	ID:-4
ax	Name:-Alonso	Name:-Change	Name:-Steve	Name:-XYZ	Name:-Krithik	Name:-Krithikkkk	Name:-mc	Name:-Krjjfjf	Name:-NikhilKr
:-Javascript	Language:-Java	Language:-Change	Language:-Javascript	Language:-Java	Language:-Java	Language:-Java	Language:-mc	Language:-Java	Language:-Python
k:-Node	Framework:-SpringBoot	Framework:-Change	Framework:-MERN	Framework:-Springboot	Framework:-asp.NET	Framework:-asp.NET	Framework:-sdcd	Framework:-asp.NET	Framework:-Django

Create new

400 NikhilKumar Cpp poco

Delete by ID: Enter ID to remove

Find by ID

4

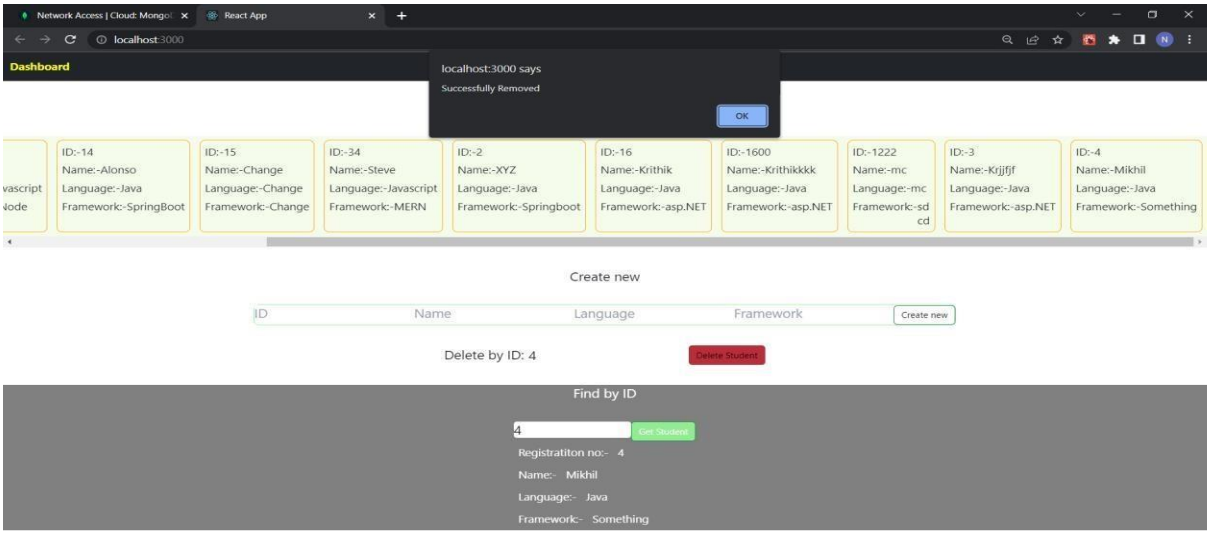
Registratiton no:- 4

Name:- NikhilKr

Language:- Python

Framework:- Django

Delete by ID



localhost:3000 says

Successfully Removed

vascript
Node

ID:-14
Name:-Alonso
Language:-Java
Framework:-SpringBoot

ID:-15
Name:-Change
Language:-Change
Framework:-Change

ID:-34
Name:-Steve
Language:-Javascript
Framework:-MERN

ID:-2
Name:-XYZ
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Framework:-Springboot

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Language:-Java
Framework:-asp.NET

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Name:-Krithikkkk
Language:-Java
Framework:-asp.NET

ID:-1222
Name:-mc
Language:-mc
Framework:-sd
cd

ID:-3
Name:-Krjjfjf
Language:-Java
Framework:-asp.NET

ID:-4
Name:-Mikhil
Language:-Java
Framework:-Something

Create new

ID Name Language Framework Create new

Delete by ID: 4 Delete Student

Find by ID

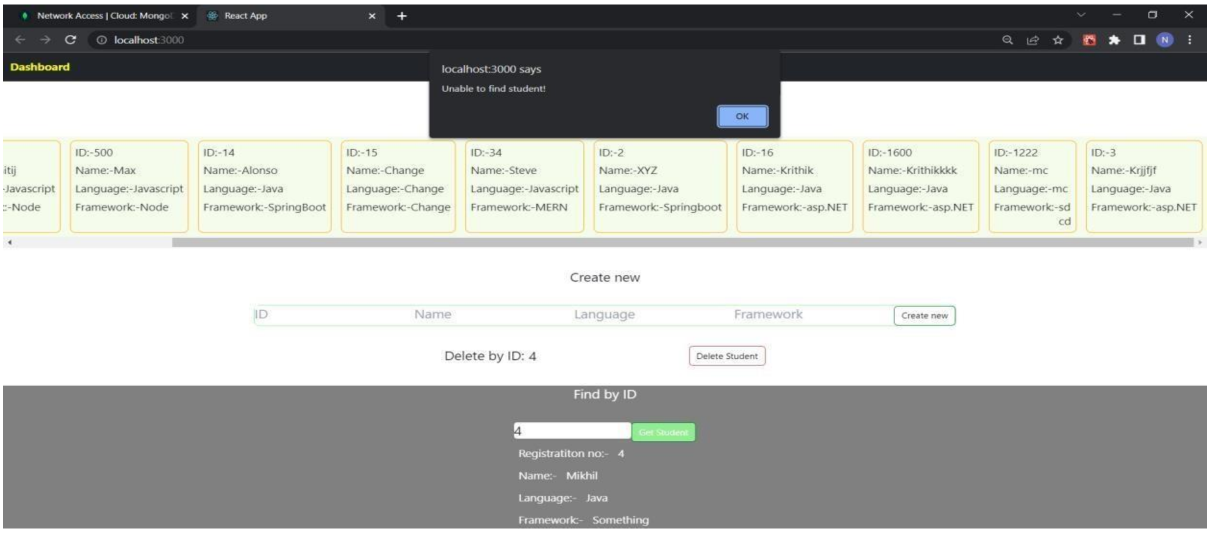
4 Get Student

Registratiton no:- 4

Name:- Mikhil

Language:- Java

Framework:- Something



localhost:3000 says

Unable to find student!

itij
Javascript
:-Node

ID:-500
Name:-Max
Language:-Javascript
Framework:-Node

ID:-14
Name:-Alonso
Language:-Java
Framework:-SpringBoot

ID:-15
Name:-Change
Language:-Change
Framework:-Change

ID:-34
Name:-Steve
Language:-Javascript
Framework:-MERN

ID:-2
Name:-XYZ
Language:-Java
Framework:-Springboot

ID:-16
Name:-Krithik
Language:-Java
Framework:-asp.NET

ID:-1600
Name:-Krithikkkk
Language:-Java
Framework:-asp.NET

ID:-1222
Name:-mc
Language:-mc
Framework:-sd
cd

ID:-3
Name:-Krjjfjf
Language:-Java
Framework:-asp.NET

Create new

ID Name Language Framework Create new

Delete by ID: 4 Delete Student

Find by ID

4 Get Student

Registratiton no:- 4

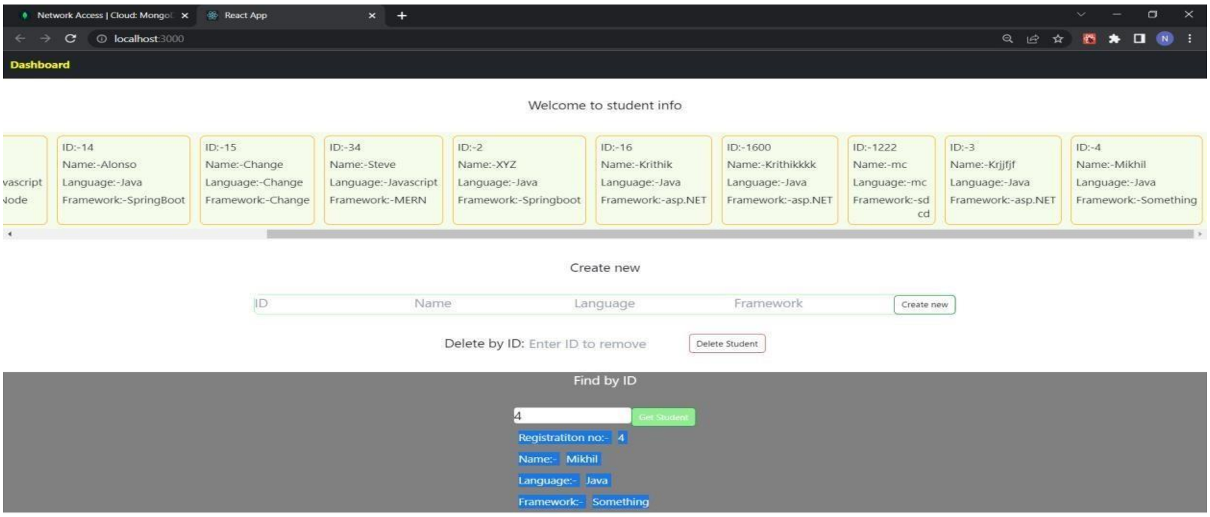
Name:- Mikhil

Language:- Java

Framework:- Something

After successful removal we can’t delete again using same ID as there are no entries with that value.

Find by ID



Welcome to student info

vascript
Node

ID:-14
Name:-Alonso
Language:-Java
Framework:-SpringBoot

ID:-15
Name:-Change
Language:-Change
Framework:-Change

ID:-34
Name:-Steve
Language:-Javascript
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Name:-XYZ
Language:-Java
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Name:-Krithik
Language:-Java
Framework:-asp.NET

ID:-1600
Name:-Krithikkkk
Language:-Java
Framework:-asp.NET

ID:-1222
Name:-mc
Language:-mc
Framework:-sd
cd

ID:-3
Name:-Krjjfjf
Language:-Java
Framework:-asp.NET

ID:-4
Name:-Mikhil
Language:-Java
Framework:-Something

Create new

ID Name Language Framework Create new

Delete by ID: Enter ID to remove Delete Student

Find by ID

4 Get Student

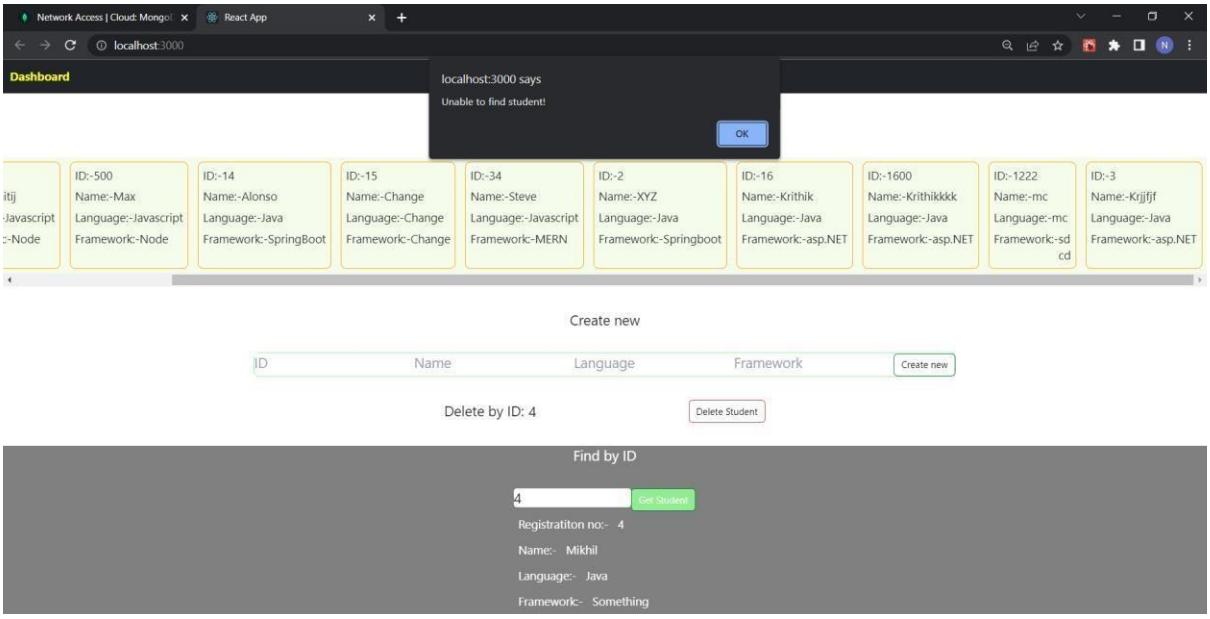
Registratiton no:- 4

Name:- Mikhil

Language:- Java

Framework:- Something

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



localhost:3000 says

Unable to find student!

itij
-Javascript
:-Node

ID:-500
Name:-Max
Language:-Javascript
Framework:-Node

ID:-14
Name:-Alonso
Language:-Java
Framework:-SpringBoot

ID:-15
Name:-Change
Language:-Change
Framework:-Change

ID:-34
Name:-Steve
Language:-Javascript
Framework:-MERN

ID:-2
Name:-XYZ
Language:-Java
Framework:-Springboot

ID:-16
Name:-Krithik
Language:-Java
Framework:-asp.NET

ID:-1600
Name:-Krithikkkk
Language:-Java
Framework:-asp.NET

ID:-1222
Name:-mc
Language:-mc
Framework:-sdcd

ID:-3
Name:-Krjjfjf
Language:-Java
Framework:-asp.NET

Create new

ID Name Language Framework

Delete by ID: 4

Find by ID

4

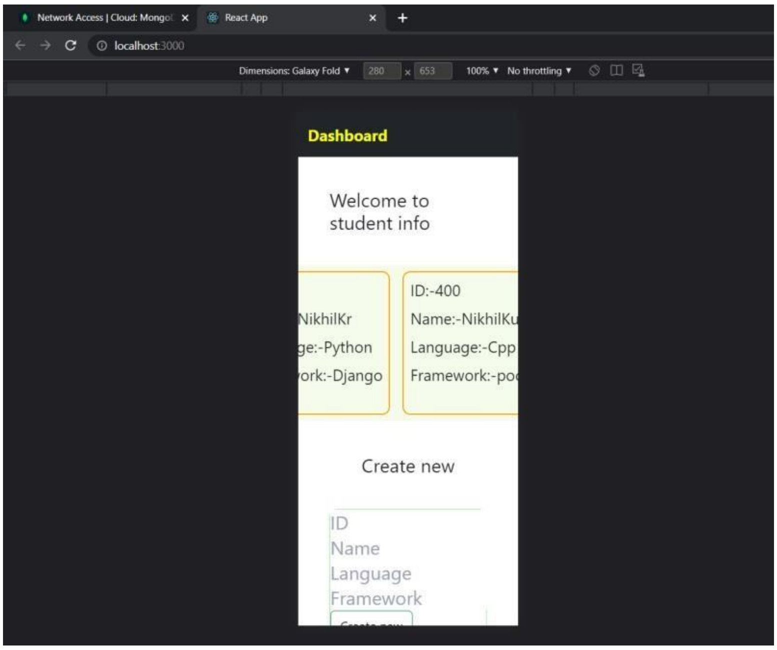
Registratiton no:- 4

Name:- Mikhil

Language:- Java

Framework:- Something

Responsiveness (device template used: Samsung Galaxy Fold)



Dimensions: Galaxy Fold 280 x 653 100% No throttling

Welcome to student info

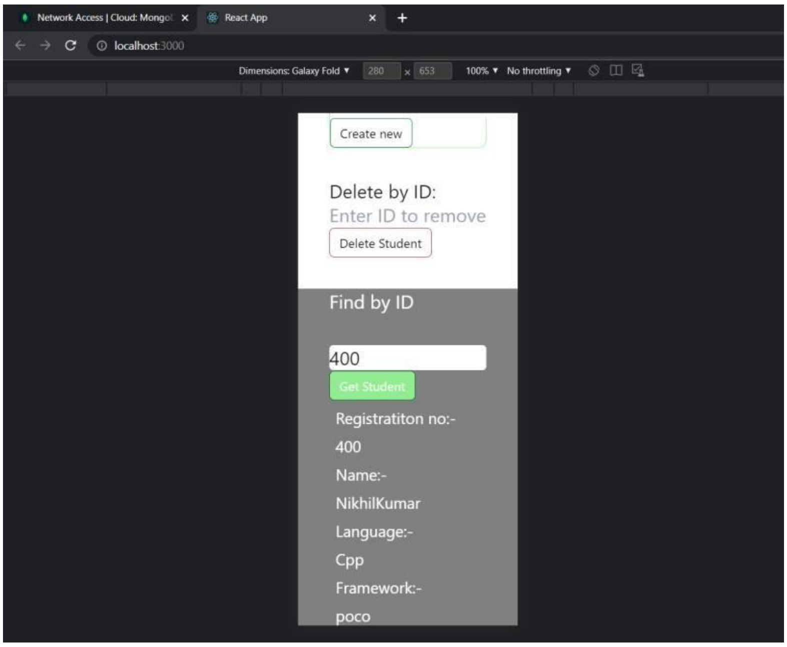
NikhilKr
ge:-Python
ork:-Django

ID:-400
Name:-NikhilKu
Language:-Cpp
Framework:-po

Create new

ID
Name
Language
Framework

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



Delete by ID:

Enter ID to remove

Find by ID

400

Registratiton no:-

400

Name:-

NikhilKumar

Language:-

Cpp

Framework:-

poco