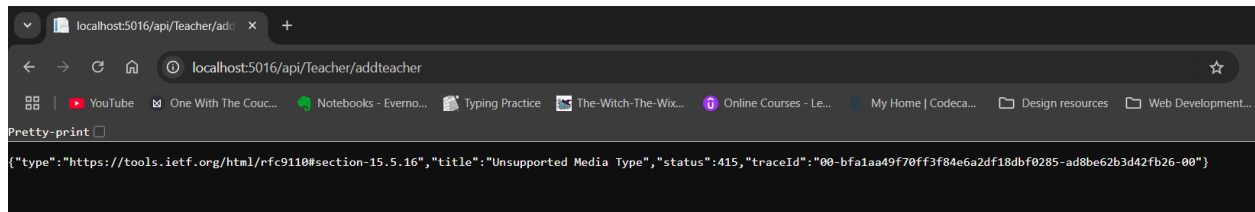


Testing add teacher set up



As get request.

First i want to get the new teacher information from a form

Then i want to get that to to the api and return it. Before adding it to the database.

I have set up my form. I want to test that when i submit the form the data is being taken from the form and return to the view through teacherpagecontroller IT WOULD BE VERY HELPFUL TO HAVE A SUBMIT BUTTON ON MY FORM ROFL

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Add a new teacher

FIRST NAME: LAST NAME: EMPLOYEE NUMBER: HIRE DATE: SALARY:

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Let me add that. Then I can test to make sure my entries are being taken.

Ok form is working

Add a new teacher

FIRST NAME:

LAST NAME:

EMPLOYEE NUMBER:

HIRE DATE:

SALARY:

It intakes data from the form, passes it into a new teacher object and then sends that teacher object back to the view

New Teacher Details:

First Name: Naruto

Last Name: Uzumaki

Employee Number: 1234567

Hire Date: 2016-08-05

Salary: 0

My next guess is to add context from the teacher page controller to the teacher api controller. Went ahead and did that

```
4 references
public class TeacherApiController : ControllerBase
{
    private readonly SchoolDbContext _context;
    private readonly TeacherPageController _pageController;
    // dependency injection of database context - I will trust
    0 references
    public TeacherApiController(SchoolDbContext context, TeacherPageController pageController)
    {
        _context = context;
        _pageController = pageController;
    }

    /// <summary>
    /// Add a teacher to our database
```

Actually just kidding... rather than sending the new author to the api im going to call the api to the new author.

Okay all hooked up and add teacher is functional. Salary wasnt showing up properly. Found out that my form had a typo

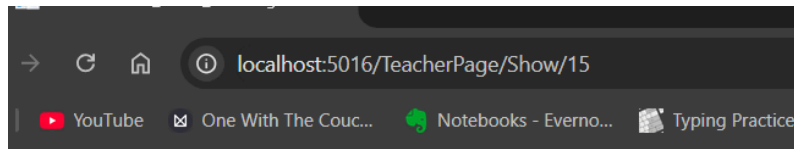
Naruto Uzumaki

Hired: 2016-8-5

Salary: 0.00

Employee Number: t1234

Went ahead and fixed it. Also made it so that the new teacher function redirects to the new teacher added



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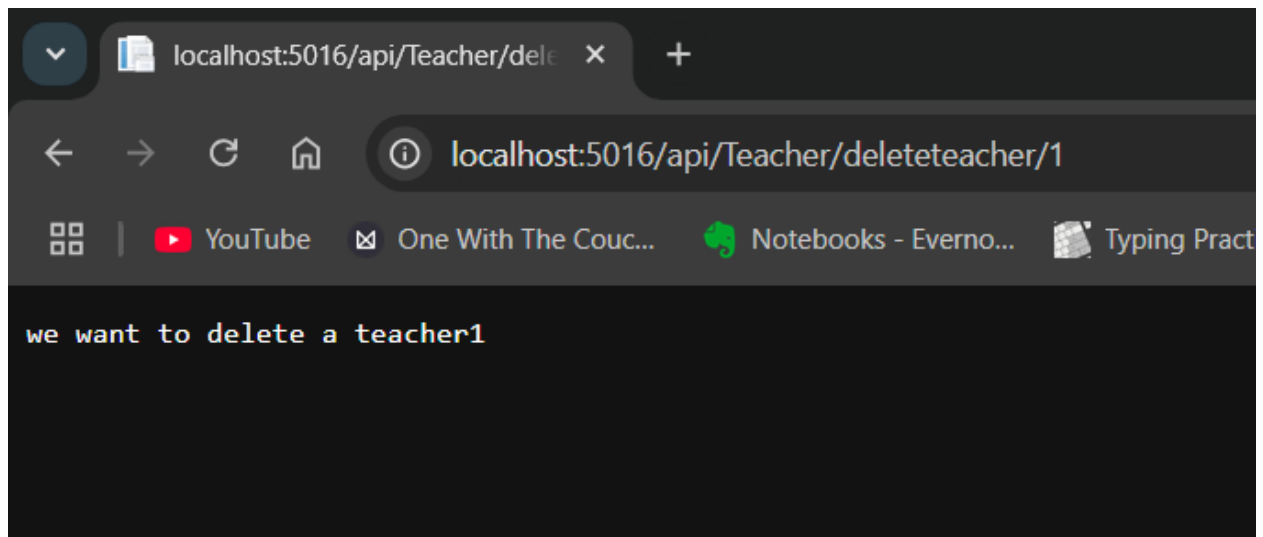
Boruto Uzumaki

Hired: 2016-8-5

Salary: 10.11

Employee Number: 1234567

Checking that DeleteTeacher api return correct routing value



Delete request is functioning

Yay delete teacher is working

ALL TEACHERS

[Alexander Bennett](#)
[Caitlin Cummings](#)
[Linda Chan](#)
[Lauren Smith](#)
[Jessica Morris](#)
[Thomas Hawkins](#)
[Shannon Barton](#)
[Dana Ford](#)
[Cody Holland](#)
[John Taram](#)
[Naruto Uzumaki](#)

I will delete Naruto Uzumaki from the bottom of the list

ALL TEACHERS

[Alexander Bennett](#)
[Caitlin Cummings](#)
[Linda Chan](#)
[Lauren Smith](#)
[Jessica Morris](#)
[Thomas Hawkins](#)
[Shannon Barton](#)
[Dana Ford](#)
[Cody Holland](#)
[John Taram](#)

Neat.

Added phonenumbers as string data type to teachers table and allowed it to be null

ALTER TABLE teachers ADD phonenumner VARCHAR(15) NULL;

+ Options

	teacherid	teacherfname	teacherlname	employeenumber	hiredate	salary	phonenumner
<input type="checkbox"/> Edit Copy Delete	1	Alexander	Bennett	T378	2016-08-05 00:00:00	55.30	NULL

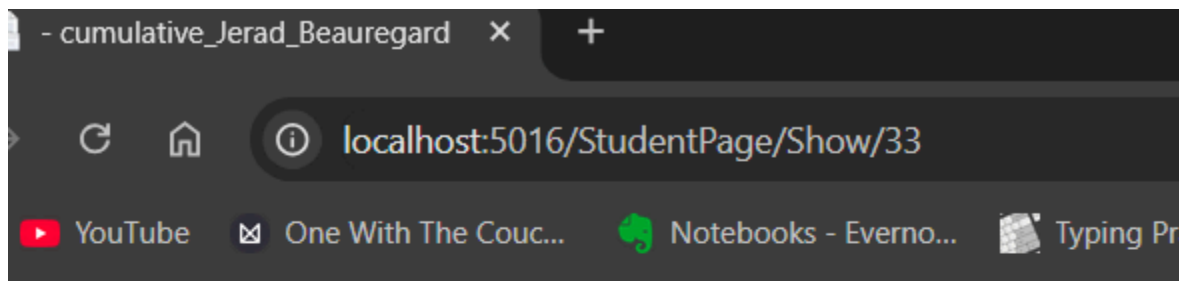
Next i will update my teacher class to include phone number data

```
0 references
public string? PhoneNumber { get; set; }
}
```

Yay add phone number adds

<input type="checkbox"/> Edit Copy Delete	16	jerad	beauregard	1234	2016-08-05 00:00:00	10.11	6472976061
---	----	-------	------------	------	---------------------	-------	------------

Add new student functionality is set up!



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jerad beauregard

Student Number: 12345

Start Date: 2018-6-18

Had to change course id to be auto incremented like the other tables

```
1 ALTER TABLE courses
2 MODIFY COLUMN courseid INT NOT NULL AUTO_INCREMENT;
```

Otherwise there was error in adding a new course

Ok awesome, add functionality for courses is working

Add a New Course

COURSE CODE:

TEACHER ID:

START DATE:

END DATE:

COURSE NAME:

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Forbidden Jutsu's

Course Code: 1234

Start Date: 2018-9-4

Finish Date: 2018-9-4

Teacher ID: 1234

Created new student to test delete function

jerad beauregard

Student Number: 12345

Start Date: 2018-6-18

[Delete This Student](#)

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[Nicole Henderson](#)

[David Larson](#)

[John Reed](#)

[Richard King](#)

[Alexander Bennett](#)

[Caitlin Cummings](#)

[Christine Bittle](#)

[jerad beauregard](#)

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Will delete them now

And they are gone

[Richard King](#)

[Alexander Bennett](#)

[Caitlin Cummings](#)

[Christine Bittle](#)

And to test the course delete as well

I am going to delete forbidden jutsus

[Massage Therapy](#)

[Forbidden Jutsu's](#)

And it is gone

[XML and Web Services](#)

[Mobile Development](#)

[Career Connections](#)

[Web Information Architecture](#)

[Massage Therapy](#)

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Testing add teacher functionality through curl command

```
C:\Users\jerad>
C:\Users\jerad>curl -X POST http://localhost:5016/api/Teacher/AddTeacher -H "Content-Type: application/json" -d "{\"NewTeacher\":{\"TeacherFName\":\"Jerad\",\"TeacherLName\":\"Beauregard\",\"EmployeeNumber\":\"T1232\",\"HireDate\":\"2016-08-05T00:00:00\",\"Salary\":10.11,\"PhoneNumber\":\"123-456-7890\"}}\"
12
C:\Users\jerad>
```

Testing teacher delete function through curl command... this was less complicated

```
C:\Users\jerad>curl -X DELETE http://localhost:5016/api/Teacher/DeleteTeacher/12
1
C:\Users\jerad>
```

• Ensure the endpoint and parameter match your API's