

School application documentation:

Create Teacher:

Method: post

uri: /api/create/teacher

```
{  
  "username": "john_doe",  
  "email": "test@gmail.com",  
  "password": "123456",  
  "fullname": "John Doe"  
}
```

Create Student:

Method: post

uri: /api/create/student

```
{  
  "username": "john_doe",  
  "email": "test@gmail.com",  
  "password": "123456",  
  "fullname": "John Doe",  
  "grade": "1-12"  
}
```

Response:

```
{  
  "response": "success"  
}
```

Login:

Both for teachers and students

Method: post

Uri: /api/login

```
{  
  "username": "john_doe",  
  "password": "123456"  
}
```

Response:

```
{
  "token":
    "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOlwvXC8xMjcuMC4wLjE6ODAwMFwvYXBpXC9sb2dpbilsImIhdCI6MTYxMDIxNTI0MSwiZXhwIjoxNjEwMjE4ODQxLCJuYmYiOiE2MTAyMTUyNDEsImp0aSI6IkQzRzIjE2LCJwcnYiOiI4N2UwYWYxZWY5ZmQxNTgxMmZkZW5NzE1M2ExNGUwYjA0NzU0NmFhIn0.eRKuLiUK1YtwDBjV5IN0fC68xVq0-9WQVv8wglpgX04"
}
```

In order to authenticate copy the token and add it as a header with your requests as follow:

Authorization: Bearer <token>

Requests:

The rest of the requests in the application requires authentication.

Update teacher's own authenticate user:

Method: post

Uri: /api/update/student/

```
{
  "username": "john_Doe",
  "password": "password",
  "fullname": "John Doe",
  "email": "john@google.com"
}
```

Update student own authenticate user:

Method: Post

Uri: /api/update/student/

```
{
  "username": "john_Doe",
  "password": "password",
  "fullname": "John Doe",
  "email": "john@google.com",
  "grade": 1-12
}
```

Delete authenticated teacher

Method: delete

Uri: /api/delete/teacher

Delete authenticated student

Method: delete
Uri: /api/delete/student

Add period
Method: post
Uri: /api/period/add

```
{  
  "name": "Russian",  
  "teacher_id": 11  
}
```

Update period
Method: post
Uri: /api/period/update/{period id}

```
{  
  "name": "English",  
  "teacher_id": 10  
}
```

Delete period
Method: delete
uri: /api/period/delete/{period id}

Assign student to a period
Method: post
Uri: /api/period/assign

```
{  
  "period_id": 3,  
  "student_id": 7  
}
```

Remove student from a period
Method: post
Uri: /api/period/remove

```
{  
  "period_id": 3,  
  "student_id": 7  
}
```

Fetch all students from a given period

Method: get

Uri: /api/GetStudentPeriods/{period id}

Response:

```
{
  "data": [
    {
      "id": 5,
      "fullname": "John Doe",
      "grade": 10
    },
    {
      "id": 6,
      "fullname": "Doe Joe",
      "grade": 6
    }
  ]
}
```

Fetch all periods associated with a given teacher

Method: get

Uri: /api/GetTeacherPeriods/{teacher id}

Response:

```
{
  "data": [
    {
      "Period name"
    }
  ]
}
```

Fetch all students that are linked to a teacher via period

Method: get

Uri: /api/GetStudentsByTeacher/{teacher id}

Response:

```
{
  "data": [
    {
      "id": 5,
      "fullname": "John Doe",
      "grade": 10
    },
    {
      "id": 6,
      "fullname": "Doe Joe",
      "grade": 6
    }
  ]
}
```

Tests are written in:

tests/feature/AppTest