

GUIDELINE: HOW TO USE SIMPLE API FOR USER

Step 1: Công cụ

- IntelliJ
- MySQL WorkBench
- Postman

Step 2: Tạo database '**btvn**' trên MySQL Workbench

create database btvn;

use homework;

create table users(

id int not null auto_increment ,

username varchar(60) not null unique,

email varchar(75),

address varchar(60),

primary key (id)

);

Step 3: Configure database connection in "src/main/resources/application.properties"

```
server.port=8080
spring.datasource.username=USERNAME
spring.datasource.password=PASSWORD
spring.datasource.url=jdbc:mysql://localhost:3306/btvn
spring.jpa.hibernate.ddl-auto=update
```

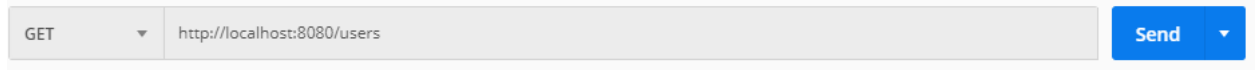
Step 4: Chạy project

Step 5: Chạy Postman để kiểm tra các api

- Lấy ra danh sách user

url: <http://localhost:8080/users>

Method: Get



- Thêm user

url: <http://localhost:8080/users>

Method: Post

Template body:

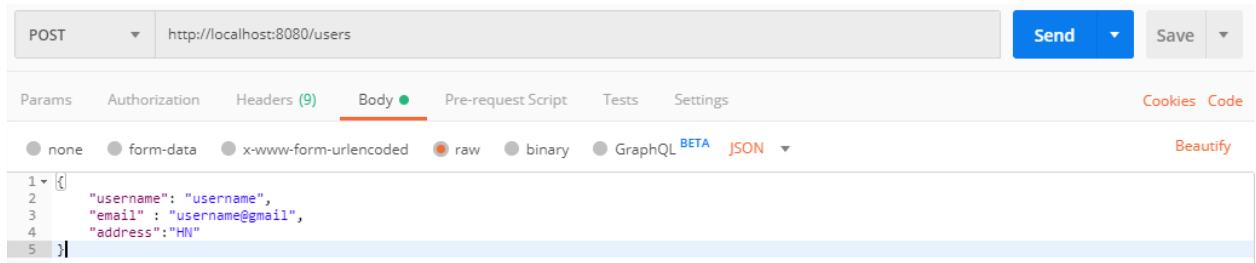
```
{
  "username": "username",
  "email" : "username@gmail",
  "address": "HN"
}
```

Kết quả:

Nếu email không đúng dạng hoặc username null: error 400

Nếu **có** username trong database(update thất bại): 0

Nếu **không có** username trong database(update thành công): 1



- Cập nhật user

url: <http://localhost:8080/users>

Method: Put

Template body:

```
{
```

```

"username": "username",
"email" : "username@gmail",
"address": "HN"
}

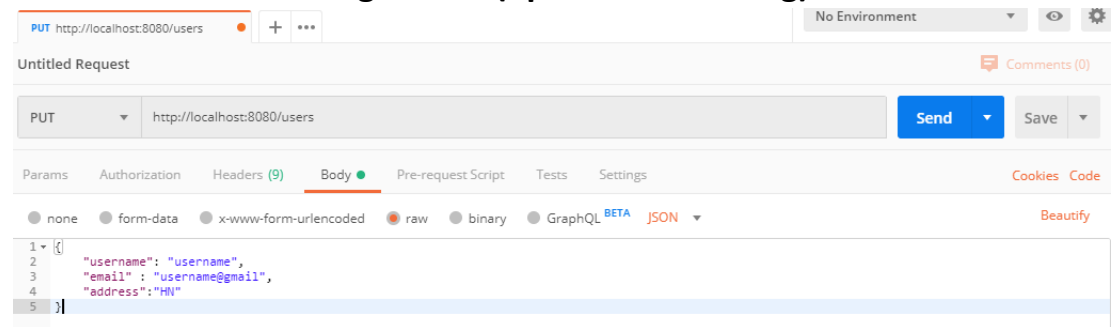
```

Kết quả:

Nếu email không đúng dạng hoặc username null: error 400

Nếu **không có** username trong database(update thất bại): 0

Nếu **có** username trong database(update thành công): 1



- Xóa user

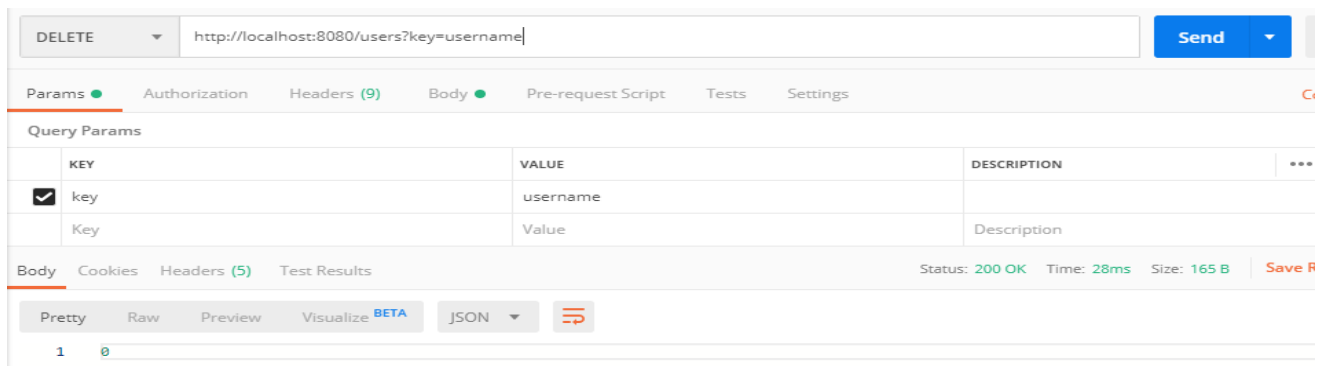
url: <http://localhost:8080/users?key=username>

Method: Delete

Kết quả:

Nếu **không có** username trong database(delete thất bại): 0

Nếu **có** username trong database(delete thành công): 1



- **Tìm kiếm user theo username**

url: <http://localhost:8080/users/username?key=username>

Method: Get

GET

http://localhost:8080/users/username?key=username

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Query Params

	KEY	VALUE	DESCRIPTION	
<input checked="" type="checkbox"/>	key	username		
	Key	Value	Description	

Body

Cookies

Headers (4)

Test Results

Status: 200 OK

Time: 69ms

Size: 123 B

Save

Pretty

Raw

Preview

Visualize BETA

Text

1

- **Tìm kiếm user theo email**

url: <http://localhost:8080/users/email?key=username>

Method: Get

GET

http://localhost:8080/users/email?key=username

Send

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Query Params

	KEY	VALUE	DESCRIPTION	
<input checked="" type="checkbox"/>	key	username		
	Key	Value	Description	