

## Lab 1 API Documentation

### Listing all posts

- **Request:**
- **Method:** GET
- **Protocol:** HTTP/1.1

**Address:** /posts

**Body:** {}

**Response (200 OK)**

**Body:**

```
[
  {
    "id": "1",
    "title": "changed title 56",
    "status": "published",
    "content": "changed content",
    "user_id": "2"
  },
  {
    "id": "2",
    "title": "very interesting title for test",
    "status": "published",
    "content": "test post",
    "user_id": "2"
  },
  .....
]
```

## Lab 1 API Documentation

### Creating a New Post

- **Request:**
- **Method:** POST
- **Protocol:** HTTP/1.1

**Address:** /posts

**Body:**

```
{
  "content": "Hello world.",
  "title": "HELLO WORLD",
}
```

**Response (201 CREATED)**

**Body:**

```
{
  "http_status": "success",
  "id": 10,
  "title": "HELLO WORLD",
  "status": "published",
  "content": "Hello world.",
  "user_id": "2",
  "URI": "/posts/10"
}
```

## Lab 1 API Documentation

### Reading a Post

- **Request:**
- **Method:** GET
- **Protocol:** HTTP/1.1

**Address:** /posts/1

**Body:** {}

**Response (200 OK)**

**Body:**

```
{  
  "id": "1",  
  "title": "changed title 56",  
  "status": "published",  
  "content": "changed content",  
  "user_id": "2"  
}
```

### Updating a Post

- **Request:**
- **Method:** PATCH
- **Protocol:** HTTP/1.1

**Address:** /posts/3?title=Awesome%20work&content=Great%20work!

**Body:** {}

**Response (200 OK)**

**Body:**

```
{  
  "id": "3",  
  "title": "Awesome work",  
  "status": "published",  
  "content": "Great work!",  
  "user_id": "1"  
}
```

### Deleting a Post

- **Request:**
- **Method:** DELETE
- **Protocol:** HTTP/1.1

**Address:** /posts/10

**Body:** {}

**Response (200 OK)**

**Body:**

```
{
  "id": "10",
  "deleted": "true"
}
```

### Creating a post comment

- **Request:**
- **Method:** POST
- **Protocol:** HTTP/1.1

**Address:** /posts/8/comments

**Body:**

```
{
  "comment": "nice post!",
  "user_id": "2"
}
```

**Response (201 CREATED)**

**Body:**

```
{
  "status": "success",
  "comment_id": 10,
  "user_id": "2",
  "endpoint": "/comments/10"
}
```

### Reading a post comment

## Lab 1 API Documentation

- **Request:**
- **Method:** GET
- **Protocol:** HTTP/1.1

**Address:** /posts/8/comments/10

**Body:** {}

**Response (200 OK)**

**Body:**

```
[
  {
    "id": "10",
    "comment": "nice post!",
    "user_id": "2"
  }
]
```

### Updating a post comment

- **Request:**
- **Method:** PATCH
- **Protocol:** HTTP/1.1

**Address:** /posts/8/comments/10?comment=cool%20post!!!!

**Body:** {}

**Response (200 OK)**

**Body:**

```
{
  "id": "10",
  "comment": "cool post!!!!",
  "post_id": "8",
  "user_id": "2"
}
```

### Deleting a post comment

- **Request:**
- **Method:** DELETE
- **Protocol:** HTTP/1.1

**Address:** /comments/10

**Body:** {}

**Response (200 OK)**

**Body:**

```
{
  "status": "success",
  "comment_id": "10",
  "deleted": true
}
```

### Listing all comments

- **Request:**
- **Method:** GET
- **Protocol:** HTTP/1.1

**Address:** /posts/1/comments/

**Body:** {}

**Response (200 OK)**

**Body:**

```
{
  "id": "1",
  "comment": "this is a testing comment",
  "user_id": "1"
},
{
  "id": "3",
  "comment": "do not reply this comment again.",
  "user_id": "2"
}
```