

## COMP 3133 Lab 4

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### 1. Success add users

The screenshot displays a REST client interface with the following details:

- Request:** A POST request to `http://localhost:4000/users`. The request body is a JSON object: 

```
{  "name": "Ervin Howell",  "username": "Antsdfsdonette",  "email": "Shaasdnaa@melissa.tv",  "address": {    "street": "Victor Plains",    "suite": "Suite 879",    "city": "Wisokyburgh",    "zipcode": "99566-7771"  }}
```
- Response:** A 201 Created status with a response body: 

```
{  "message": "New User Created"}
```
- Metadata:** The response is 35 ms, 270 B, and includes a "Save Response" option.
- Interface Elements:** The interface includes tabs for Params, Auth, Headers (9), Body, Scripts, and Settings. The Body tab is active, showing the raw JSON. There are also buttons for Send, Save, Share, Cookies, Beautify, and a bottom bar with Console, Postbot, Runner, Vault, and other utility icons.

## 2. Required validation

The screenshot shows the Postman interface with a POST request to `http://localhost:4000/users`. The request body is a JSON object with fields: `name`, `username`, `email`, and `address`. The `address` field is an object with `street`, `suite`, `city`, and `zipcode`. The response is a `500 Internal Server Error` with a message: `"User validation failed: website: Path 'website' is required."`

**Request Details:**

- Method: POST
- URL: `http://localhost:4000/users`
- Body (JSON):

```
{  "name": "Ervin Howell",  "username": "Antonette",  "email": "Shanna@melissa.tv",  "address": {    "street": "Victor Plains",    "suite": "Suite 879",    "city": "Wisokyburgh",    "zipcode": "90566-7771"  }}
```

**Response Details:**

- Status: 500 Internal Server Error
- Time: 38 ms
- Size: 328 B
- Body (JSON):

```
{  "message": "User validation failed: website: Path 'website' is required."}
```

### 3. Improper Web url

The screenshot shows a REST client interface with a dark theme. At the top, there are tabs for different requests: "POST success add user", "POST required feild", and "POST improper Web url". The "POST improper Web url" tab is selected. Below the tabs, the URL bar shows "http://localhost:4000/users" with a "Send" button. The "Body" tab is selected, showing a JSON payload. Below the body, a status bar indicates a "500 Internal Server Error" with a response time of 16 ms and a size of 345 B. The response body is shown in JSON format, containing a message about user validation failure due to an invalid website URL.

POST success add user • POST required feild POST improper Web url + ▾ No environment ▾

Lab-4 COMP3133 / improper Web url format Save ▾ Share

POST ▾ http://localhost:4000/users Send ▾

Params Auth Headers (9) Body • Scripts Settings Cookies </>

raw ▾ JSON ▾ Beautify ↻

```
1 {
2   "name": "Ervin Howell",
3   "username": "Antonette",
4   "email": "Shanna@melissa.tv",
5   "address": {
6     "street": "Victor Plains",
7     "suite": "Suite 879",
8     "city": "Wisokyburgh",
9     "zipcode": "90566-7771"
10  }
```

Body ▾ 🕒 500 Internal Server Error • 16 ms • 345 B • 🌐 | e.g. Save Response ⋮

{ } JSON ▾ ▶ Preview 🔗 Visualize ▾ 📄 📋 🔍 🔗

```
1 {
2   "message": "User validation failed: website: Invalid website URL. Use
3   http:// or https://"
4 }
```

Console Postbot Runner 📶 🟢 🔄 🏠 Vault 🗑️ 📏 ?

#### 4. Improper username format

The screenshot shows a REST client interface with a POST request to `http://localhost:4000/users`. The request body is a JSON object with the following fields:

```
{
  "name": "Ervin Howell",
  "username": "Ane",
  "email": "Shanna@melissa.tv",
  "address": {
    "street": "Victor Plains",
    "suite": "Suite 879",
    "city": "Wisokyburgh",
    "zipcode": "90566-7771"
  }
}
```

The response is a **500 Internal Server Error** (15 ms, 340 B). The response body is a JSON object with a message:

```
{
  "message": "User validation failed: username: Username must be at least 4 characters"
}
```

The interface includes tabs for Params, Auth, Headers (9), Body (selected), Scripts, and Settings. The Body tab is set to raw JSON. The response body is also shown in a JSON format. The bottom of the interface has a Console, Postbot, Runner, and Vault section.

## 5. Improper email format

The screenshot shows a REST client interface with the following details:

- Request:** A POST request to `http://localhost:4000/users`. The body is in JSON format, containing user information: `{ "name": "Ervin Howell", "username": "Ane", "email": "Shannamelissa.tv", "address": { "street": "Victor Plains", "suite": "Suite 879", "city": "Wisokyburgh", "zipcode": "99566-7771" } }`.
- Response:** A **500 Internal Server Error** with a status of 32 ms and 371 B. The response body is in JSON format: `{ "message": "User validation failed: username: Username must be at least 4 characters, email: Invalid email address" }`.
- Interface:** The interface includes tabs for Params, Auth, Headers (9), Body (selected), Scripts, and Settings. It also has buttons for Send, Save, Share, Beautify, and a Console at the bottom.

## 6. Improper city format

The screenshot shows a REST client interface with a POST request to `http://localhost:4000/users`. The request body is a JSON object with the following fields:

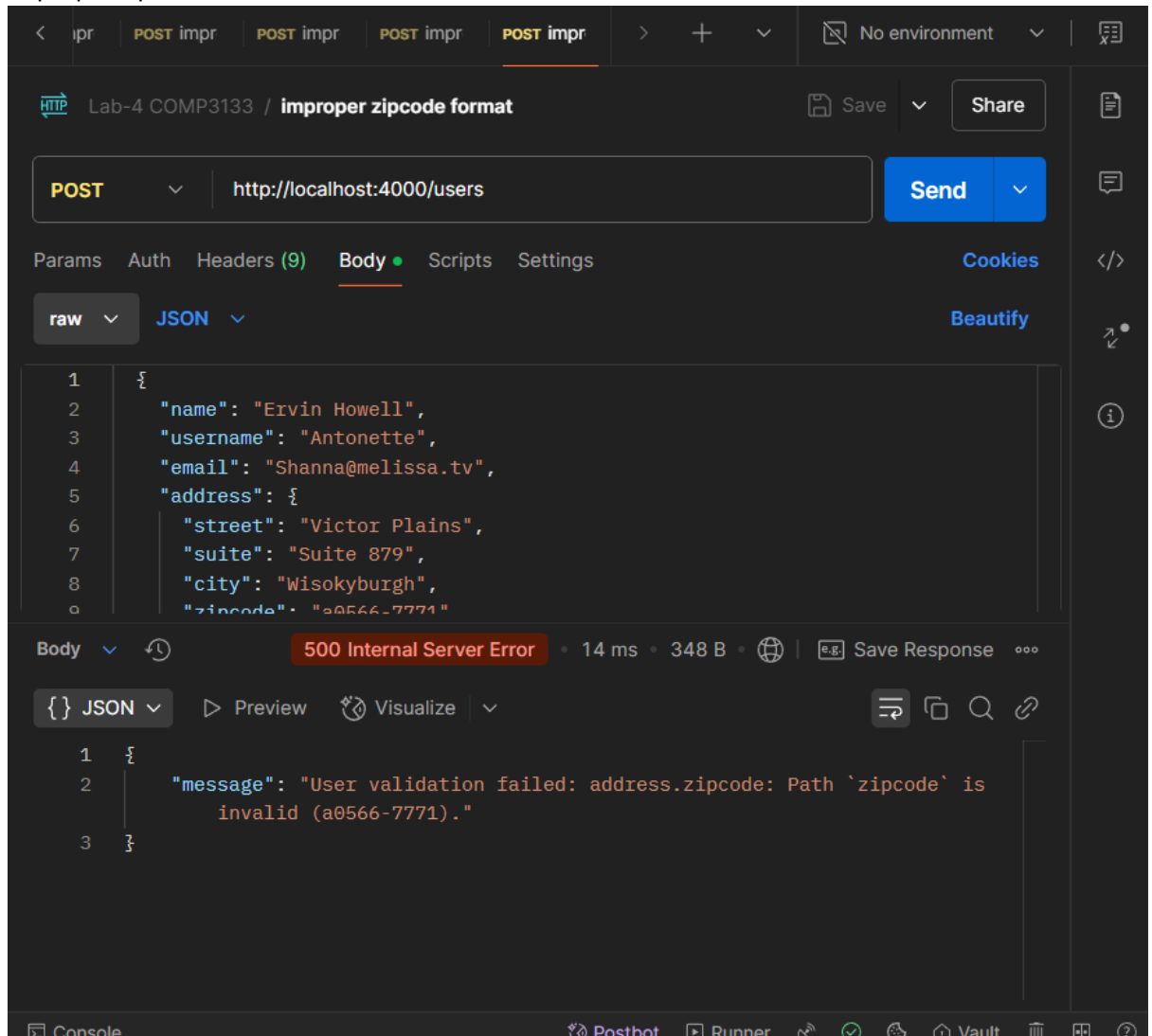
```
{
  "name": "Ervin Howell",
  "username": "Antonette",
  "email": "Shanna@melissa.tv",
  "address": {
    "street": "Victor Plains",
    "suite": "Suite 879",
    "city": "Wisoky@burgh",
    "zipcode": "00566-7771"
  }
}
```

The response is a **500 Internal Server Error** with a status of 26 ms and 344 B. The response body is a JSON object with a message:

```
{
  "message": "User validation failed: address.city: Path `city` is invalid (Wisoky@burgh)."
}
```

The interface includes tabs for Params, Auth, Headers (9), Body, Scripts, and Settings. The Body tab is selected, and the response is displayed in JSON format. The bottom of the interface shows a Console tab and various tool icons.

## 7. Improper zipcode format



The screenshot shows a REST client interface with the following details:

- Request:** POST to `http://localhost:4000/users`
- Body (JSON):**

```
{  "name": "Ervin Howell",  "username": "Antonette",  "email": "Shanna@melissa.tv",  "address": {    "street": "Victor Plains",    "suite": "Suite 879",    "city": "Wisokyburgh",    "zipcode": "a0566-7771"  }}
```
- Response:** 500 Internal Server Error (14 ms, 348 B)
- Response Body (JSON):**

```
{  "message": "User validation failed: address.zipcode: Path `zipcode` is invalid (a0566-7771)."
```

## 8. Improper phone number format

The screenshot shows a REST client interface with a POST request to `http://localhost:4000/users`. The request body is a JSON object with the following fields:

```
{
  "name": "Ervin Howell",
  "username": "Antonette",
  "email": "Shanna@melissa.tv",
  "address": {
    "street": "Victor Plains",
    "suite": "Suite 879",
    "city": "Wisokyburgh",
    "zipcode": "90066-7771"
  }
}
```

The response is a **500 Internal Server Error** with a status of 27 ms and 339 B. The response body is a JSON object with a message:

```
{
  "message": "User validation failed: phone: Path `phone` is invalid (1-90-692-6593).\"
}
```

The bottom of the interface shows a console with tabs for Postbot, Runner, Vault, and other tools.