

## Manual API Testing

### Add New User:

```
(restful_tutorial) luisdominic@DESKTOP-U97A1QU:/mnt/c/Users/luisd/rest_subscription$ curl -X POST http://localhost:5000/api/v1/users \
> -H "Content-Type: application/json" \
> -d '{"username":"luis_dominic"}'
{
  "id": 1,
  "username": "luis_dominic",
  "email": null,
  "phone": null
}
```

### In Database:

```
(restful_tutorial) luisdominic@DESKTOP-U97A1QU:/mnt/c/Users/luisd/rest_subscription$ sqlite3 data.db
SQLite version 3.45.1 2024-01-30 16:01:20
Enter ".help" for usage hints.
sqlite> SELECT * FROM user;
1|luis_dominic||
```

### Add new product:

```
(restful_tutorial) luisdominic@DESKTOP-U97A1QU:/mnt/c/Users/luisd/rest_subscription$ curl -X POST http://localhost:5000/api/v1/products \
> -H "Content-Type: application/json" \
> -d '{"name":"Spotify","price":10,"frequency":"monthly"}'
{
  "id": 1,
  "name": "Spotify",
  "price": 10.0,
  "frequency": "monthly"
}
```

### In Database:

```
sqlite> SELECT * FROM product;
1|Spotify|10.0|monthly
```

### Add new Valid subscription:

```
(restful_tutorial) luisdominic@DESKTOP-U97A1QU:/mnt/c/Users/luisd/rest_subscription$ curl -X POST http://localhost:5000/api/v1/subscriptions \
-H "> -H "Content-Type: application/json" \
"usern> -d '{"username":"luis_dominic","product_id":1,"status":"Subscribed"}'
{
  "id": 1,
  "user": "<User 1>",
  "product_id": 1,
  "status": "Subscribed",
  "date_subscribed": "2025-07-03 14:33:18.060378",
  "end_date": "2025-08-02 14:33:18.060378"
```

### In Database:

```
sqlite> SELECT * FROM subscription;
1|1|1|Subscribed|2025-07-03 14:33:18.060378|2025-08-02 14:33:18.060378|
sqlite>
```

Add invalid subscription:

```
(restful tutorial) luisdominic@DESKTOP-U97A1QU:/mnt/c/Users/luisd/rest_subscription$ curl -X POST http://localhost:5000/api/v1/subscriptions \
> -H "Content-Type: application/json" \
> -d '{"username":"luis_dominic","product_id":9999,"status":"Subscribed"}'
{"message": "Product does not exist."}
```