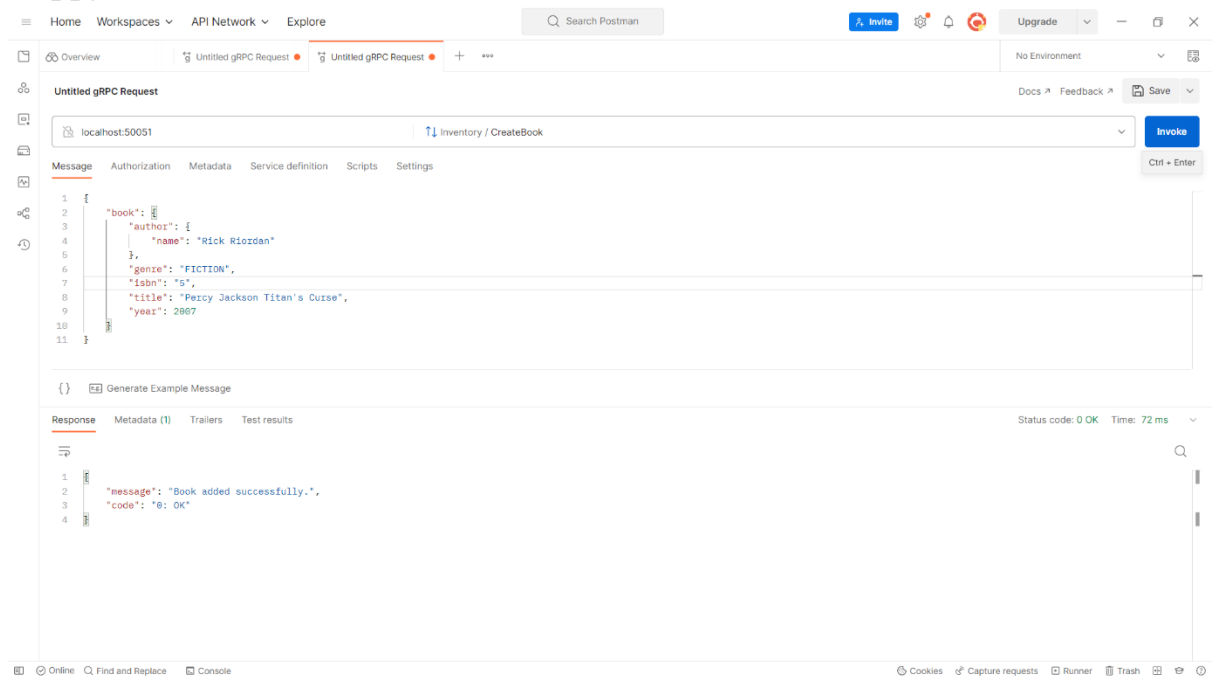


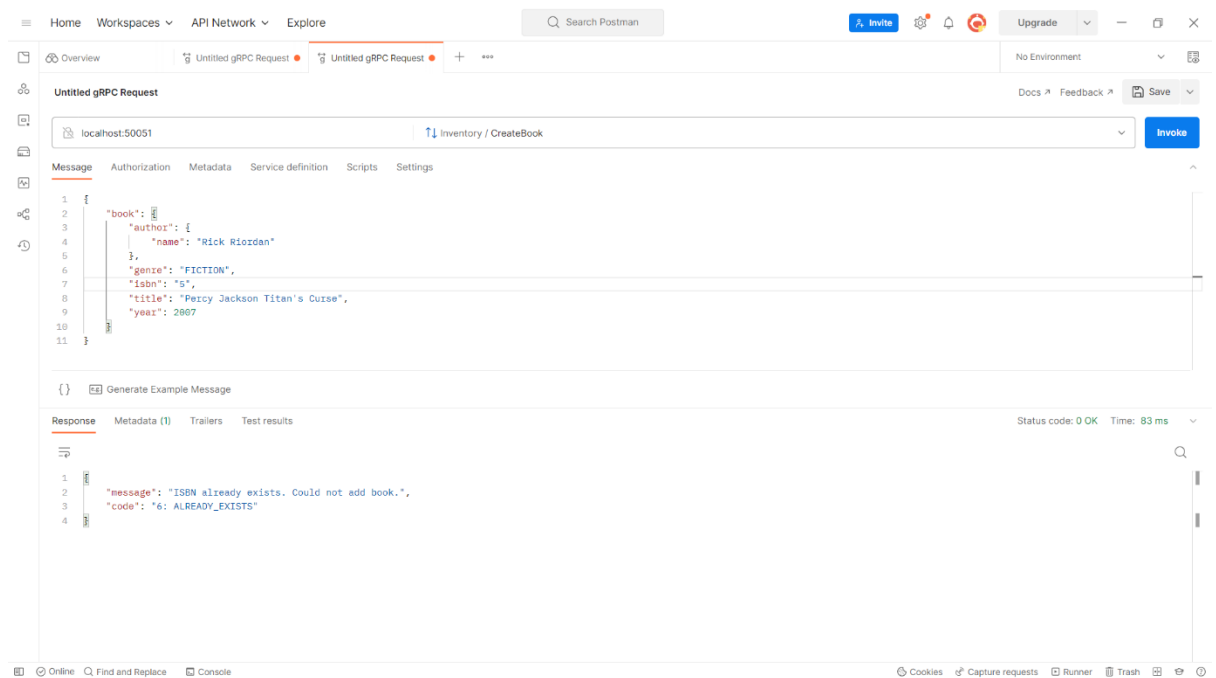
GitHub Link: https://github.com/Paksh2909/17625_grpc

Screenshots

1) Create Book Happy Path



Unhappy Path



2) Get Book Happy Path

The screenshot shows the Postman interface for a gRPC request. The request is named 'Untitled gRPC Request' and is targeting 'localhost:50051' with the path 'Inventory / GetBook'. The message body is a JSON object:

```
{  "isbn": "1"}
```

. The response is a JSON object:

```
{  "book": {    "isbn": "1",    "title": "Percy Jackson",    "genre": "FICTION",    "year": 2005,    "author": {      "name": "Rick Riordan"    }  },  "message": "Book found",  "code": "0: OK"}
```

. The status code is '0 OK' and the time taken is '84 ms'.

Unhappy Path

The screenshot shows the Postman interface for a gRPC request. The request is named 'Untitled gRPC Request' and is targeting 'localhost:50051' with the path 'Inventory / GetBook'. The message body is a JSON object:

```
{  "isbn": "4"}
```

. The response is a JSON object:

```
{  "message": "Book not found",  "code": "5: NOT_FOUND"}
```

. The status code is '0 OK' and the time taken is '77 ms'.

Assignment 4

Test cases

```
PS C:\Users\paksh\Desktop\Fall 2022\Mini 2\API\assignment3> python .\client\test.py -v
test_client_live (__main__.TestGetBookTitles) ... Running test with live client
ok
test_client_mock (__main__.TestGetBookTitles) ... Running test with mock client
ok

-----
Ran 2 tests in 0.009s

OK
PS C:\Users\paksh\Desktop\Fall 2022\Mini 2\API\assignment3>
```