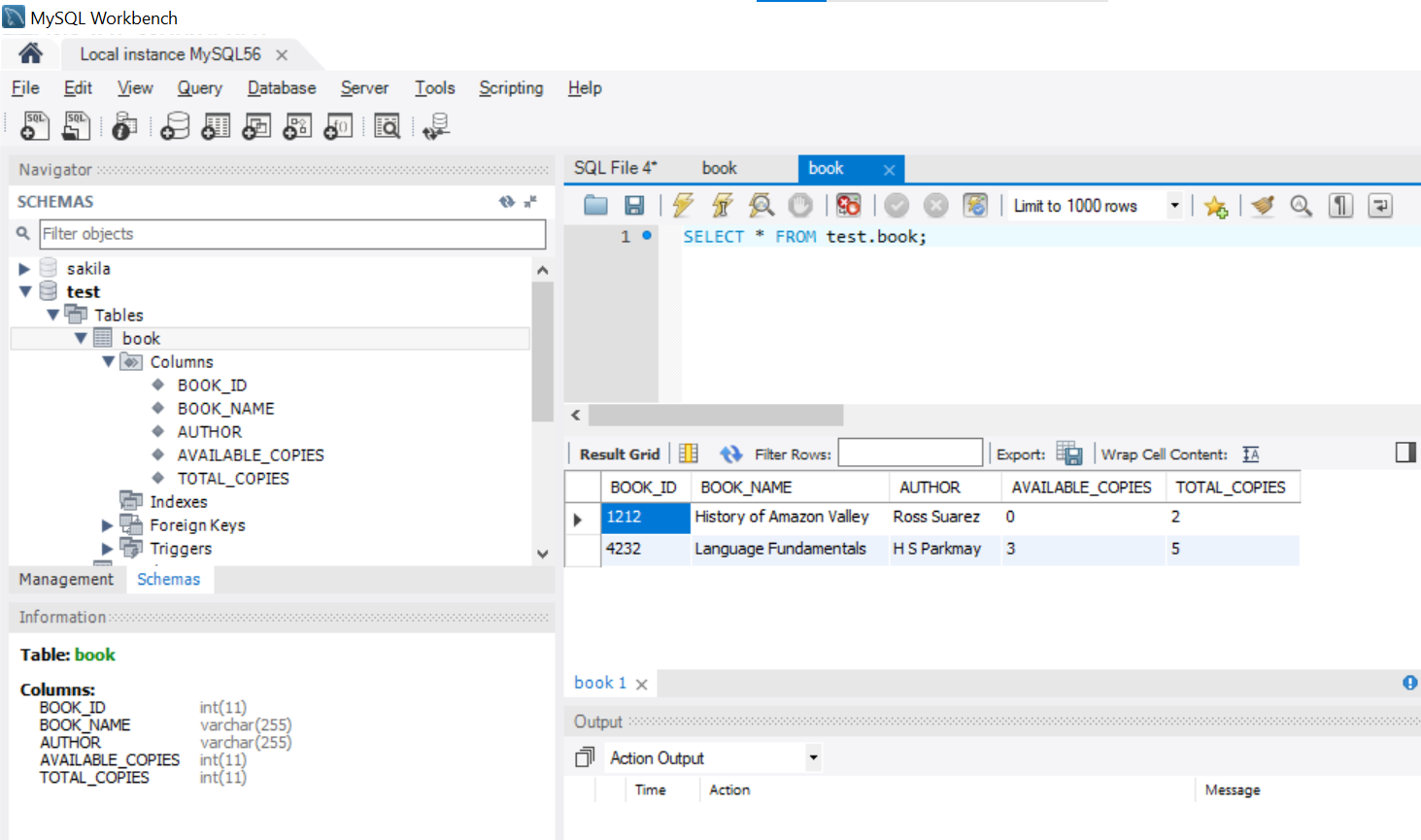
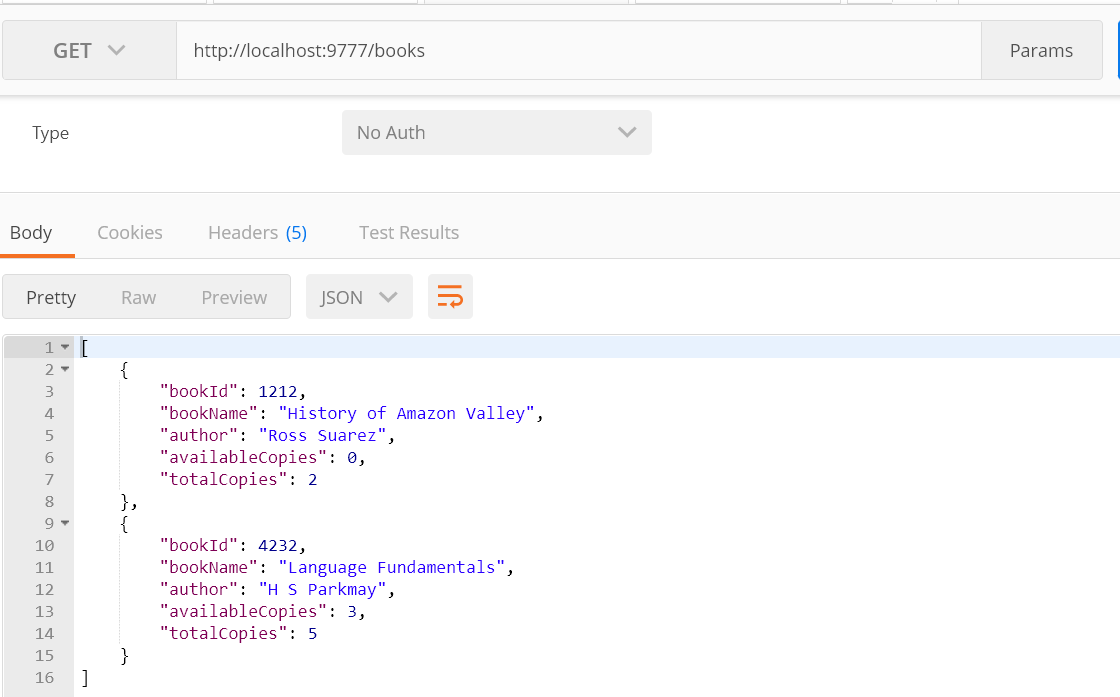
**MICROSERVICES CASE STUDY**

1. **Create two microservices book-service and subscription-service.**

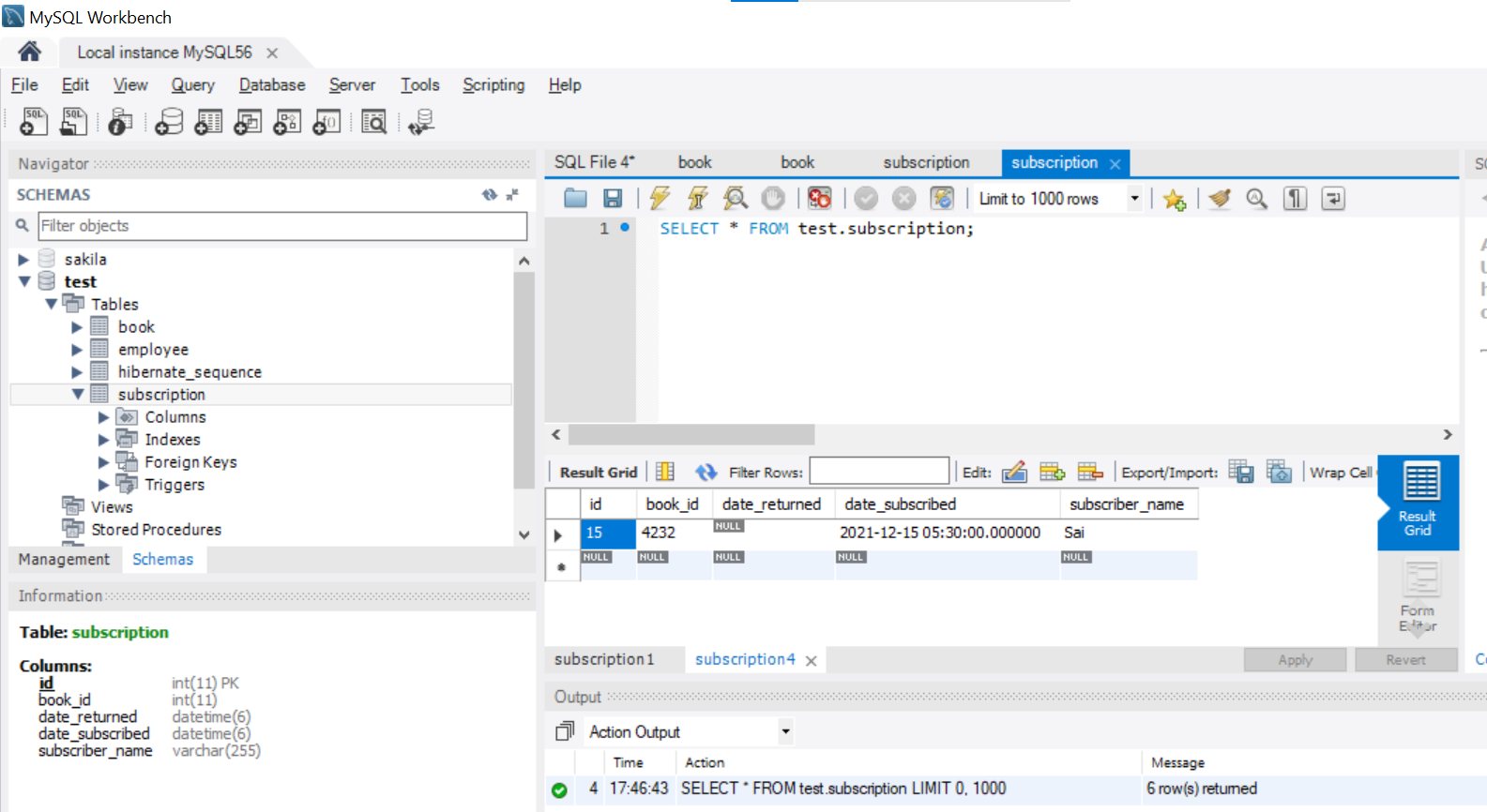
Used MySQL DB to develop the application.

Book-service:





Subscription-service:



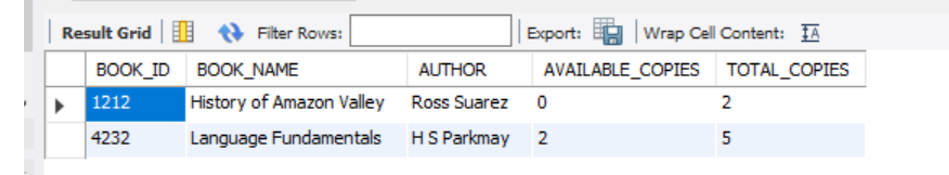


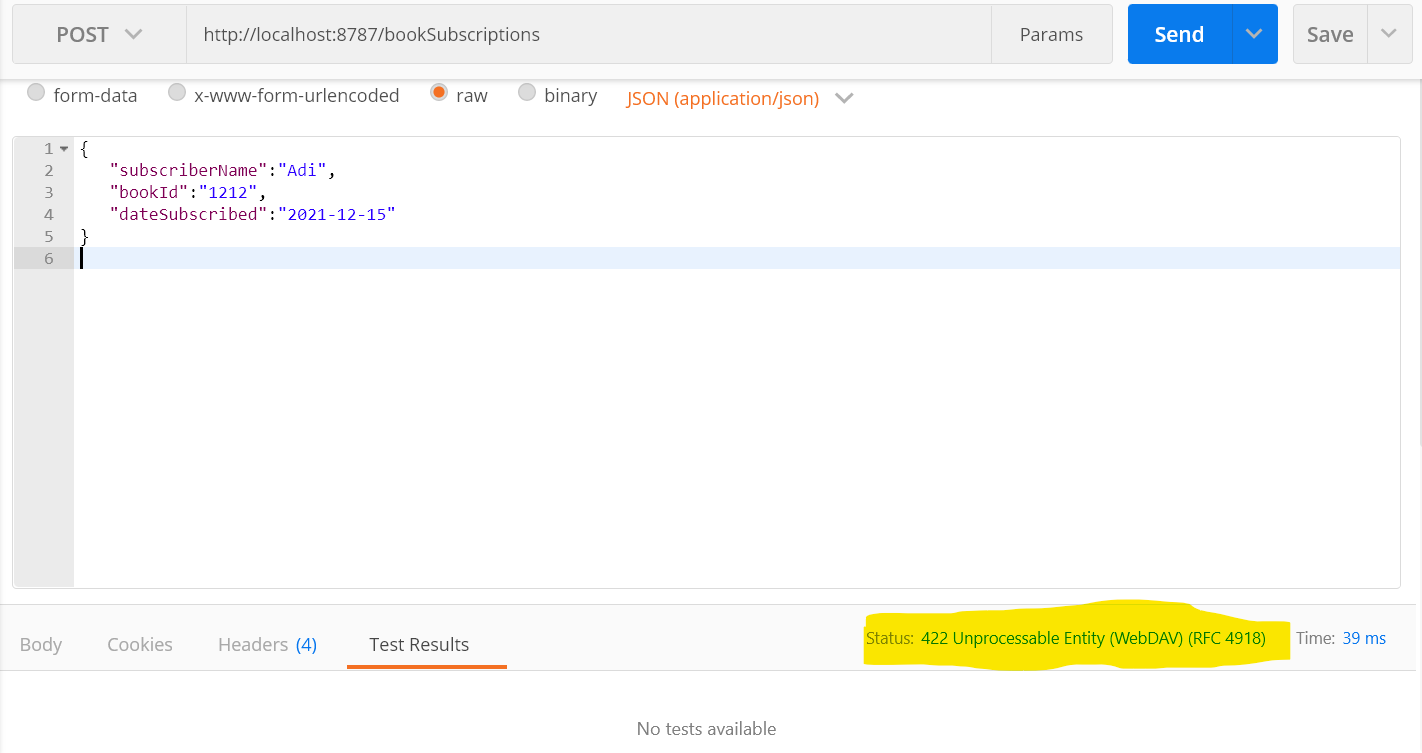
1. **Used Feign Client to interact the book-service from Subscription-service.**

As per table data, no books available for BOOK\_ID=1212. If u try to subscribe. It should not allow.

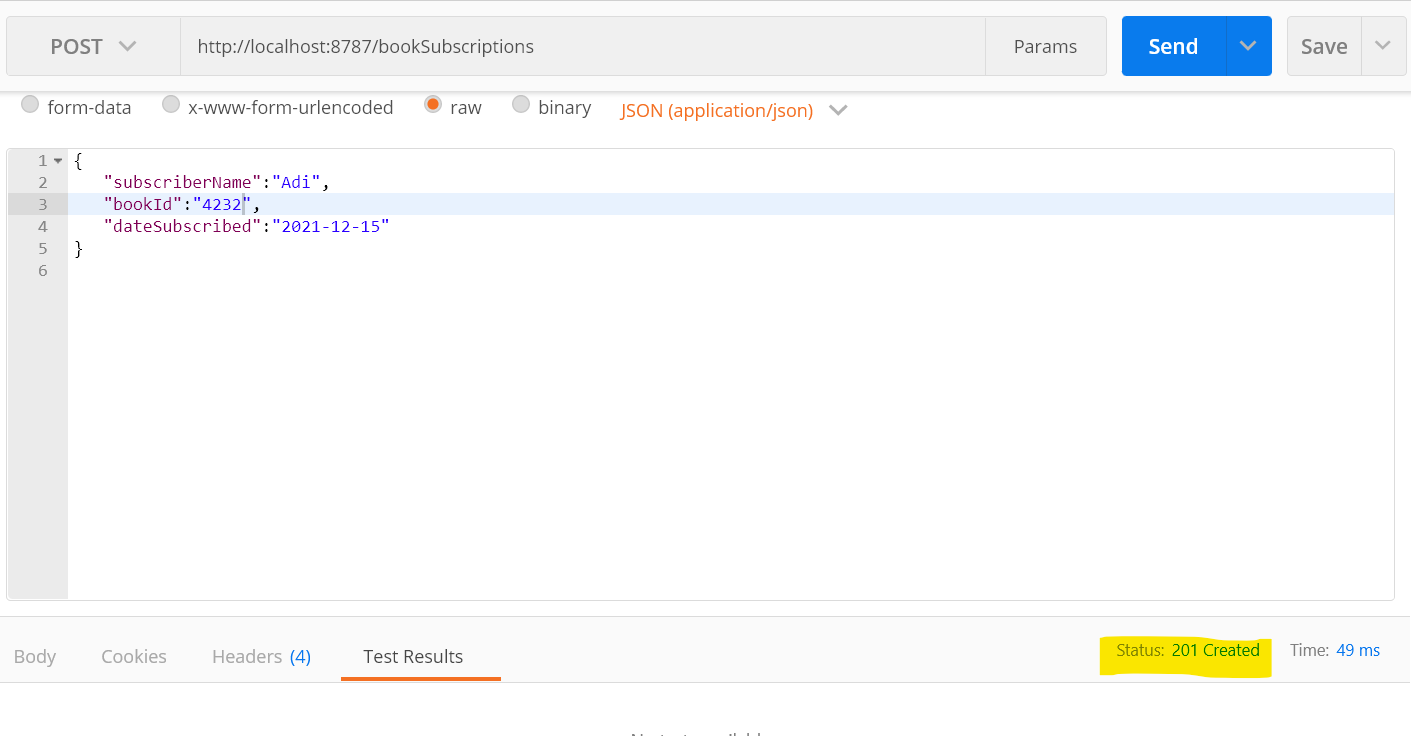
If no copies available then, retuning the HTTP status code as 422- UnProcessable Entity.

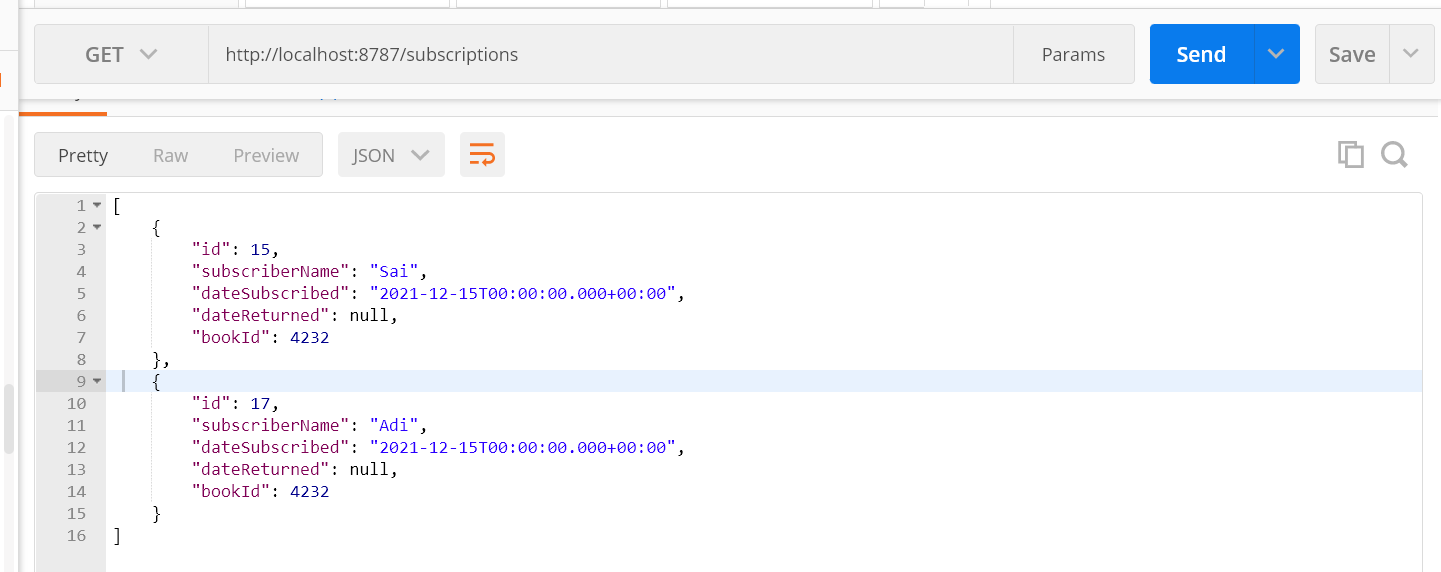
If copies are available then, returning the HTTP status code as 201 -created.



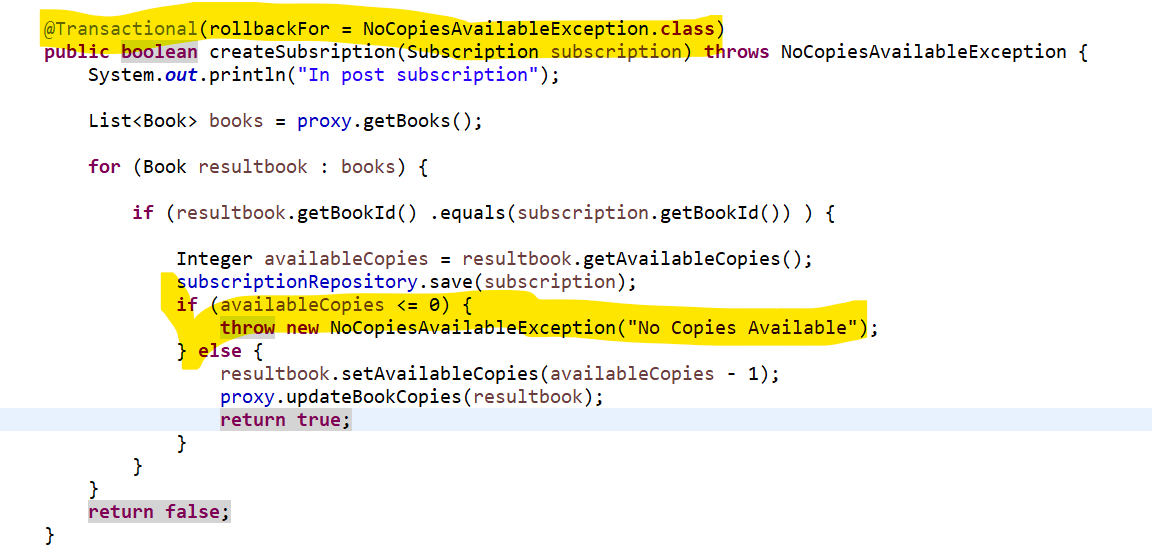


For BOOK\_ID 4232, ‘2’ copies are available. So, it should allow to subscribe.

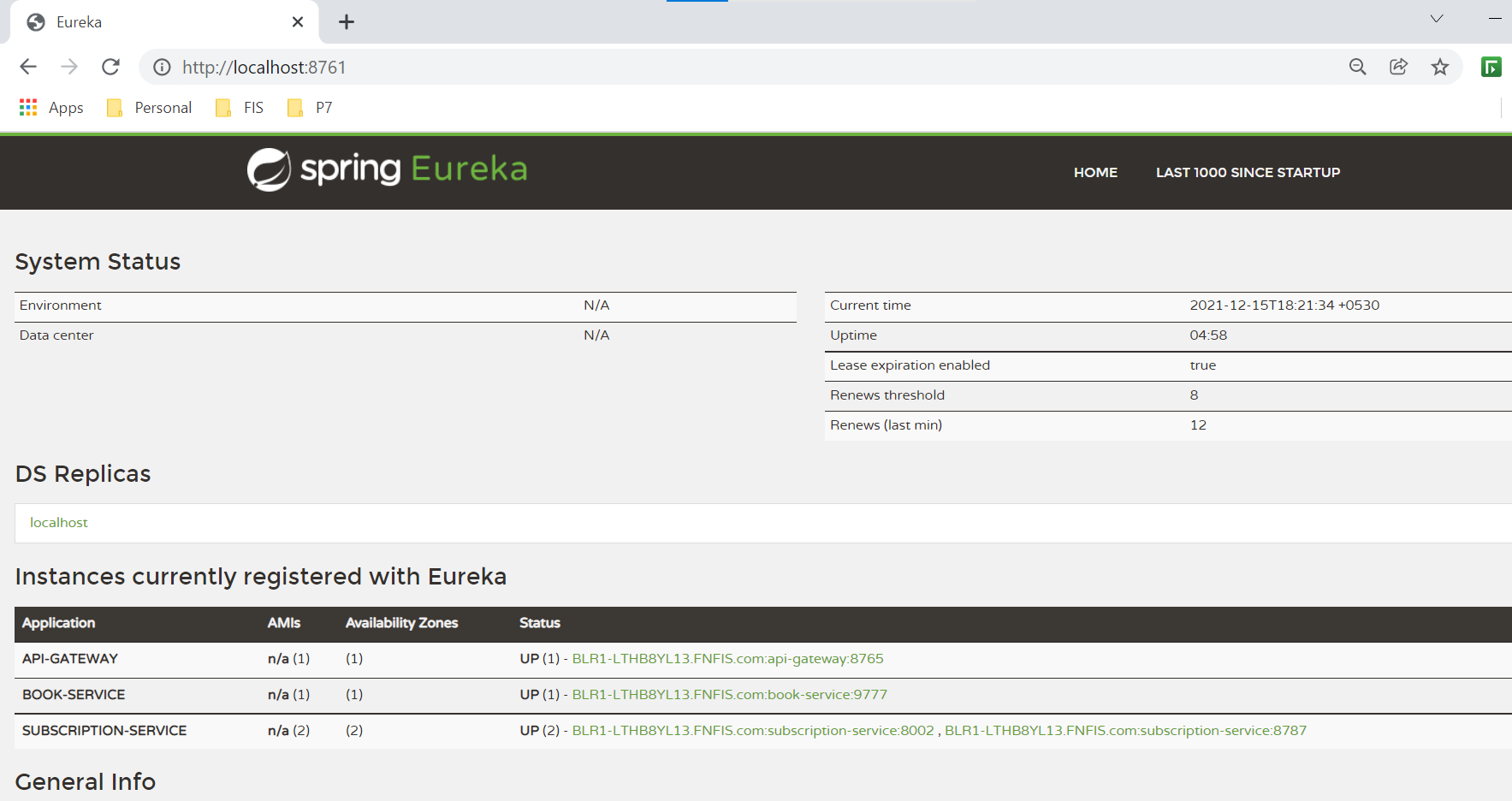




1. **Use a @Transactional annotation to try the spring managed Commit/Rollback transaction management feature.**



1. **Used Eureka server to register and discovery.**



1. Create an API-Gateway-service and able to access the implemented services.

