**Banking App with Microservices**

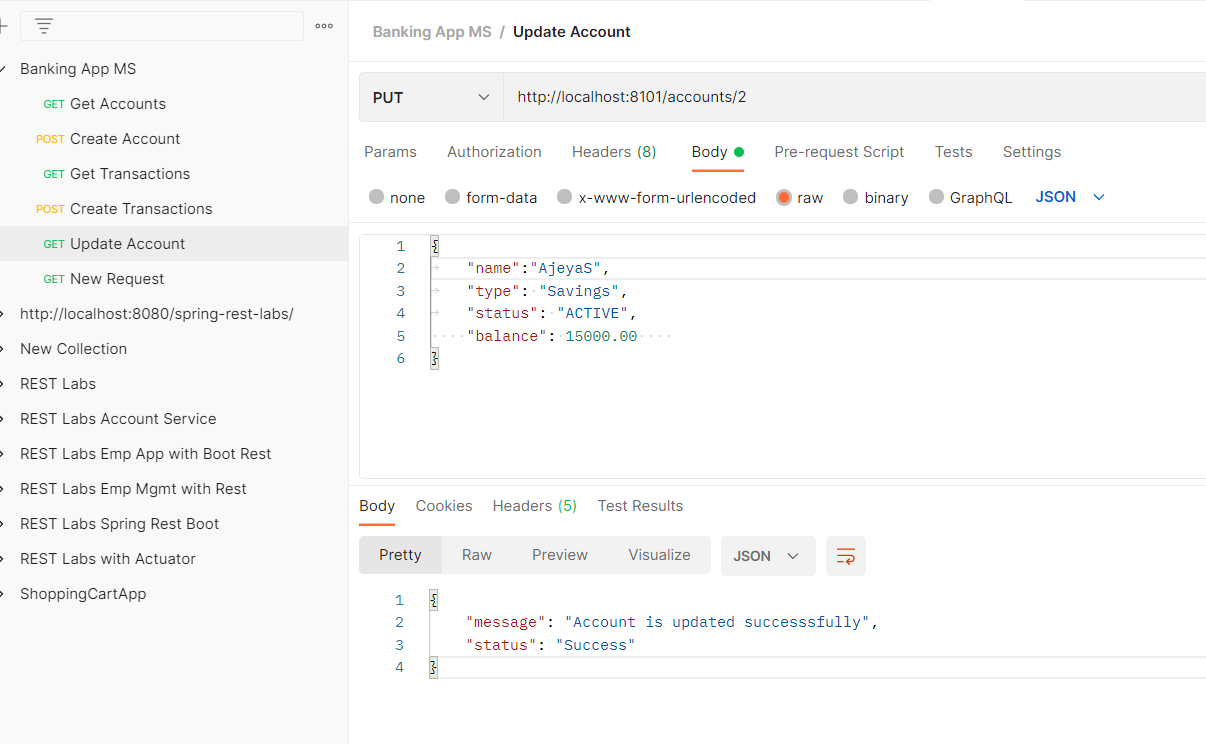
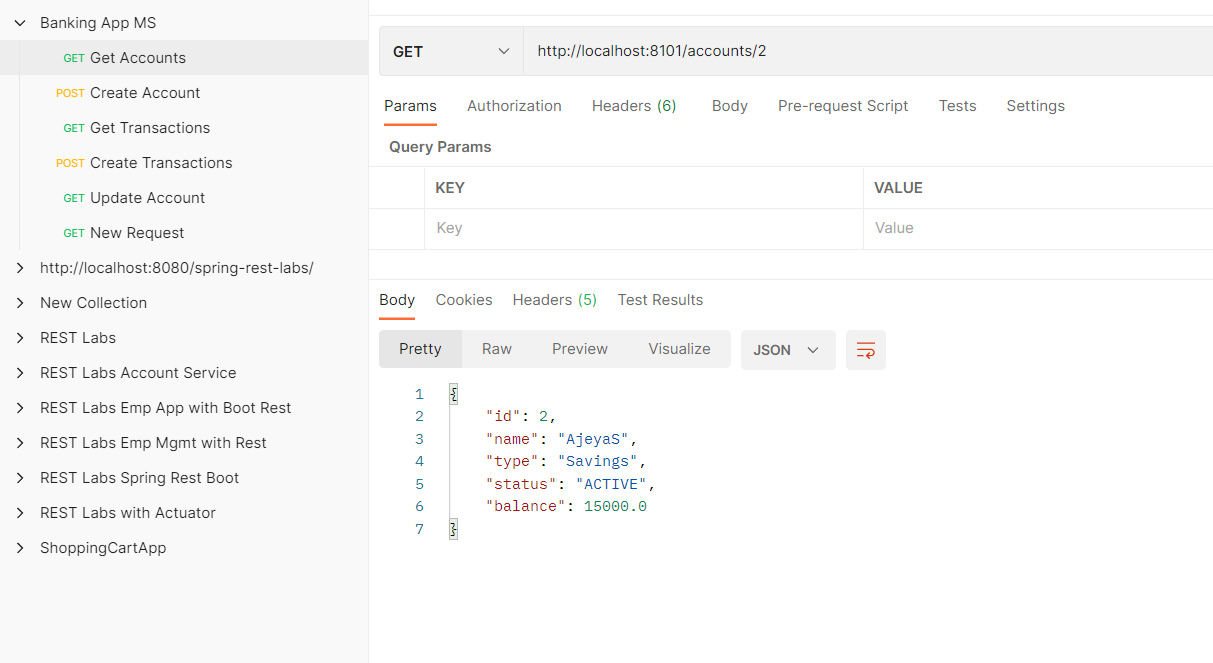
**Account Service:**

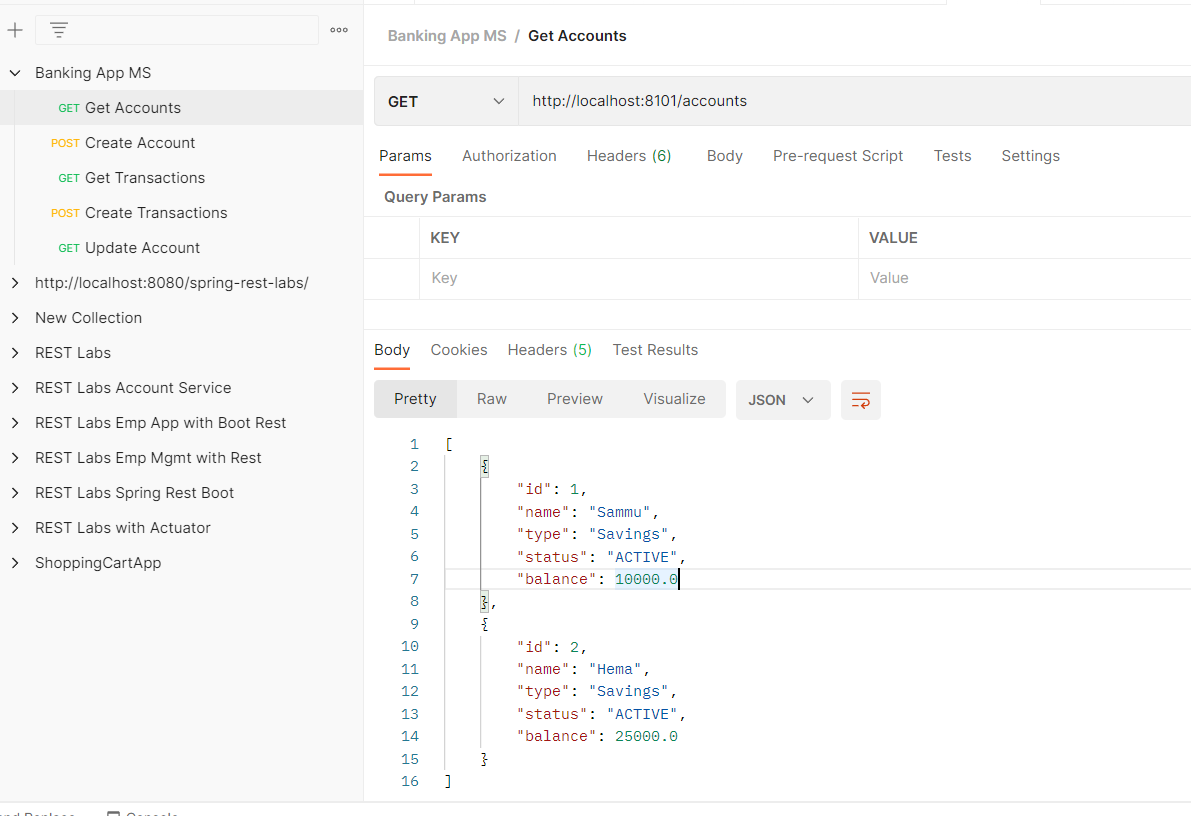
1. **Creating new account**



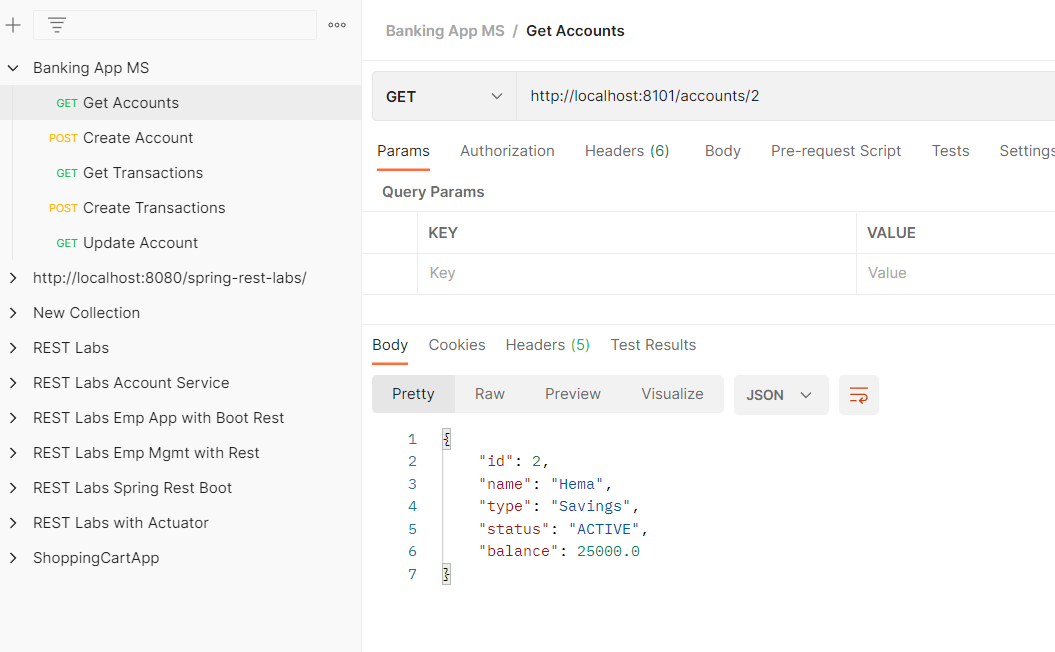
1. **Deleting an account**



1. **Updating account**
2. 
3. 
4. **Show all Account**

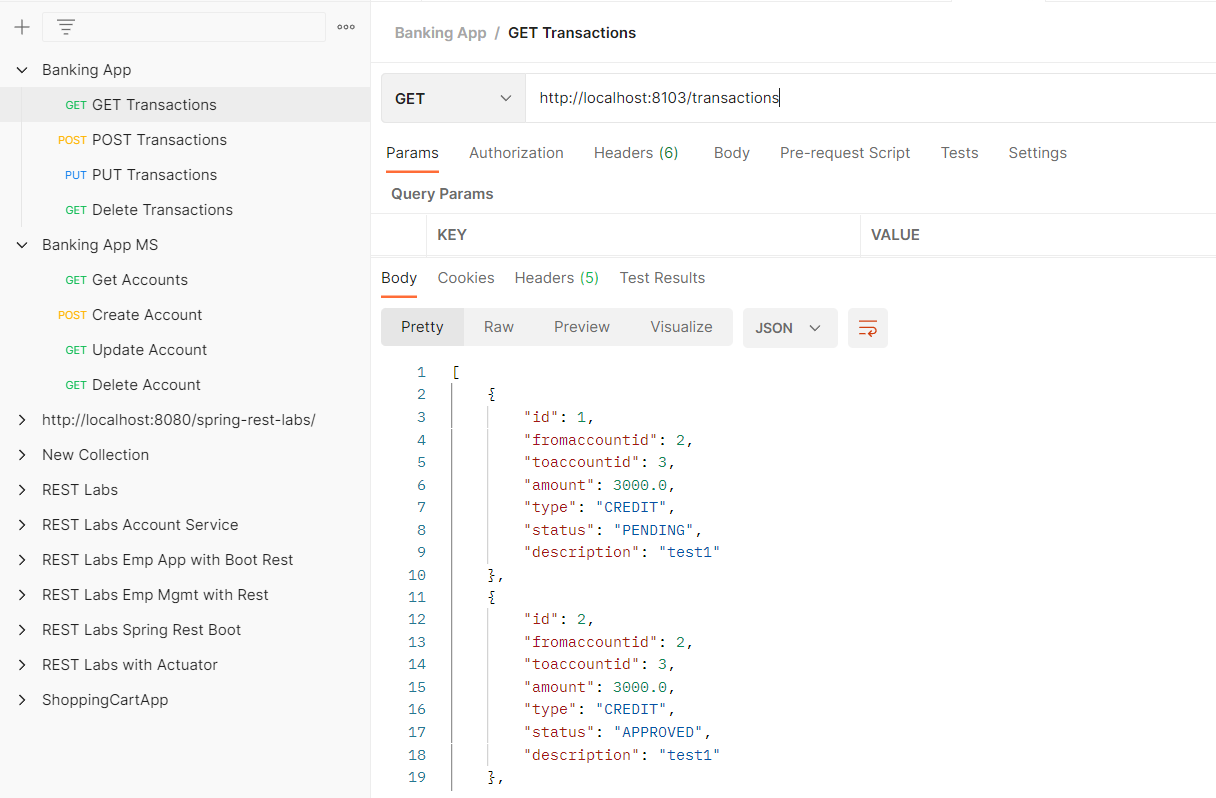


1. **Show account based on acct number**

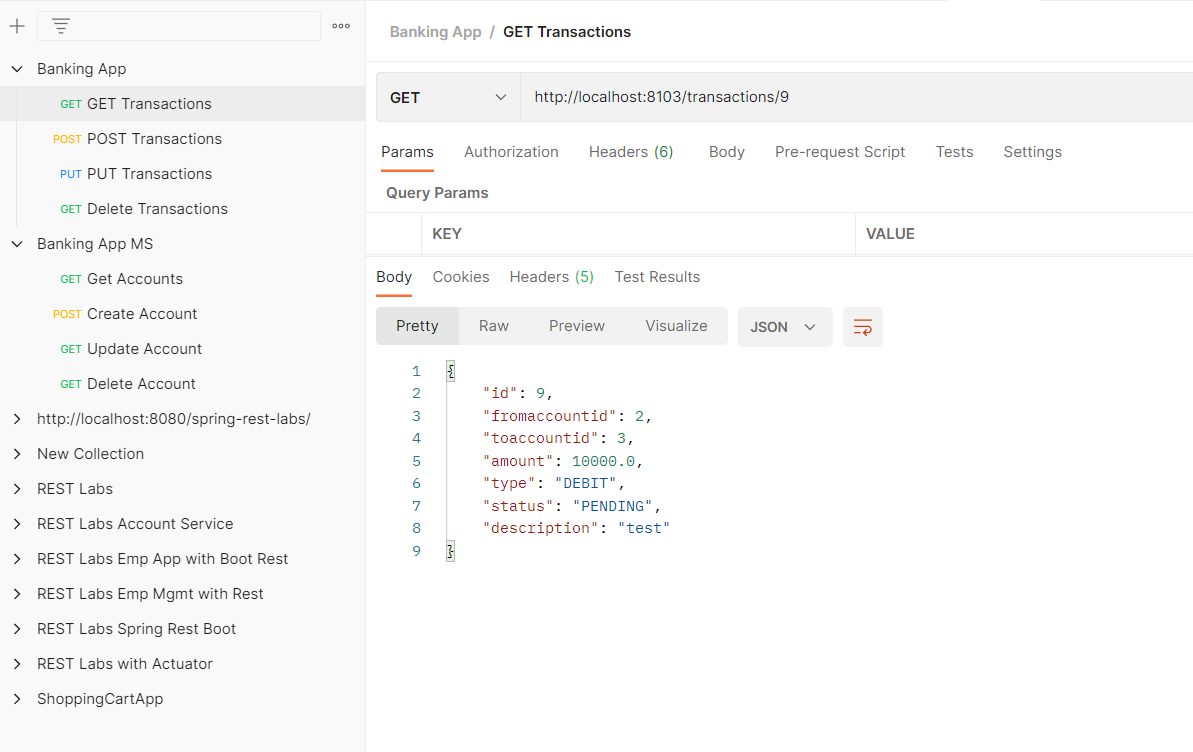


**Transaction Services**

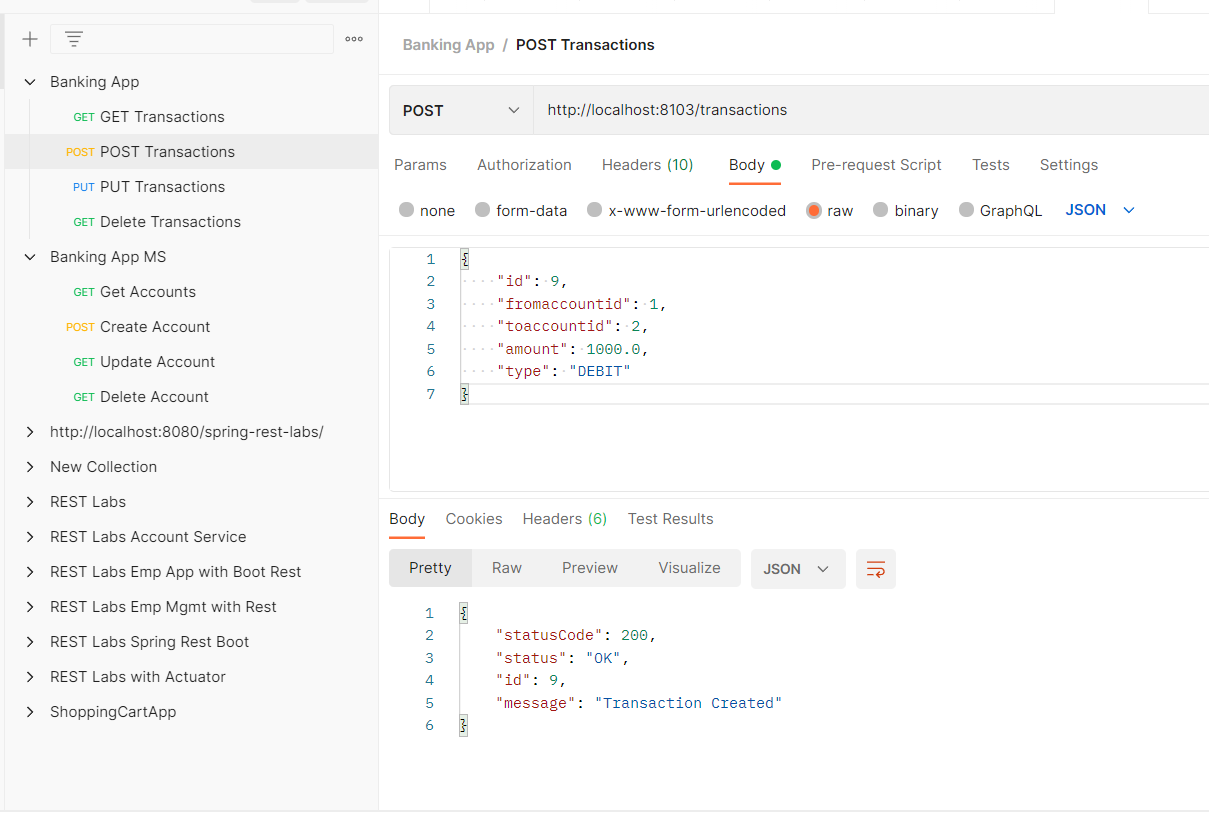
**Get Transactions:**



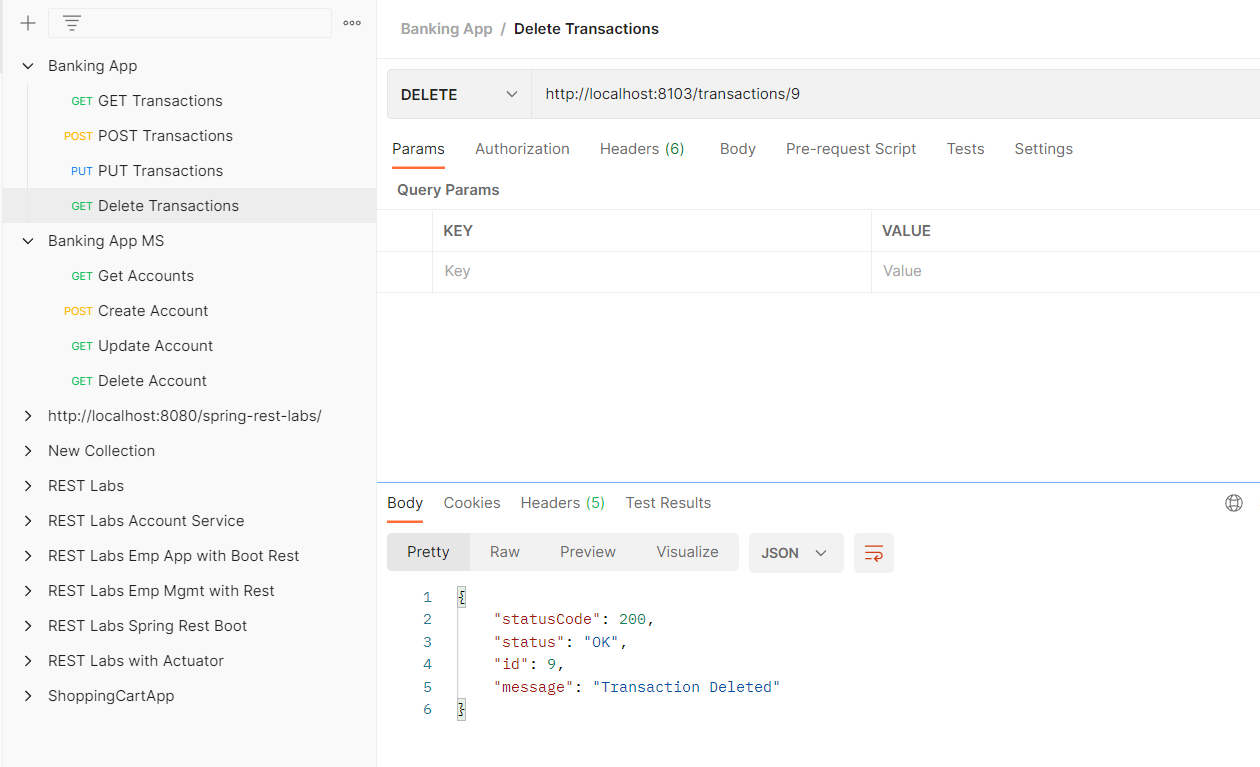
**Get Transaction by ID**



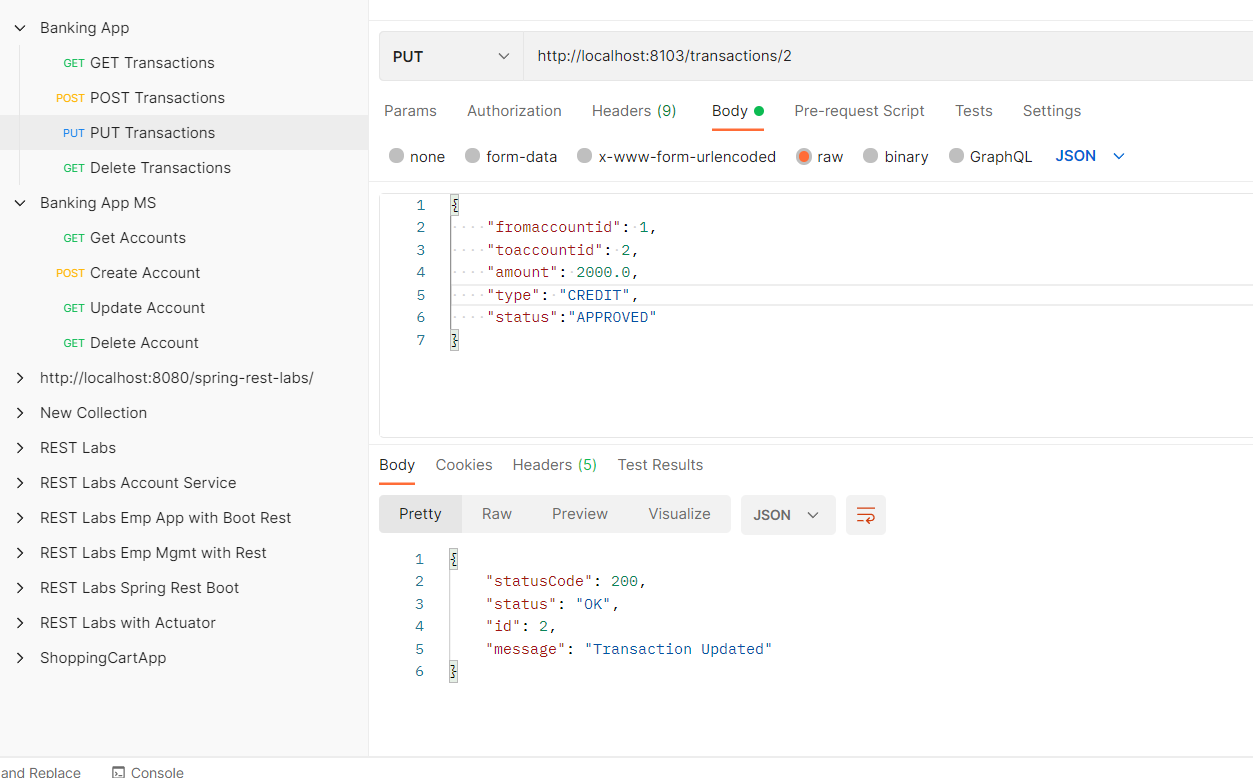
**Transaction Created**



**Transaction Deletion**

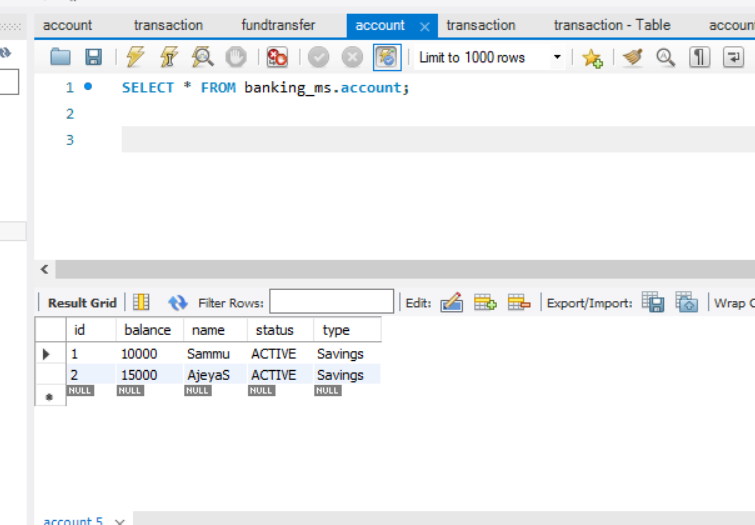


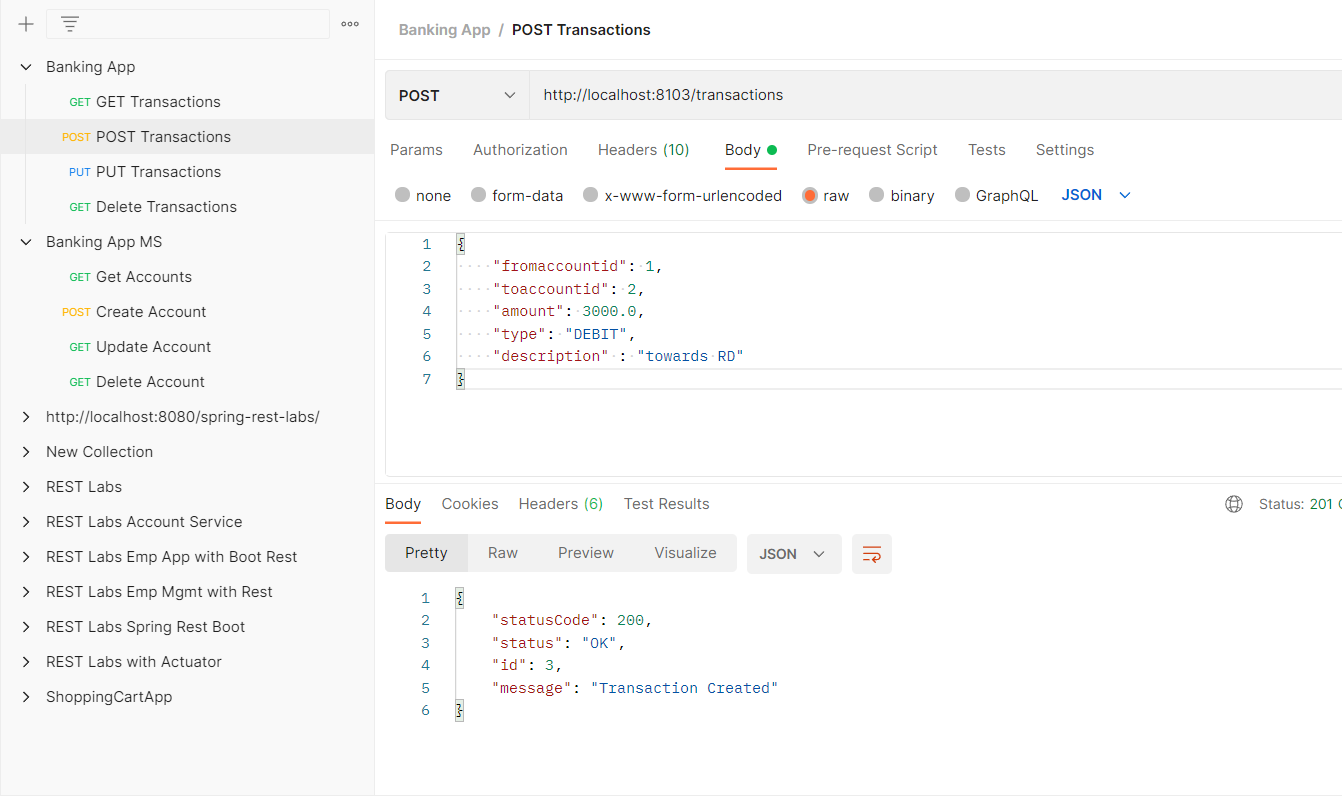
**Transaction Updated**

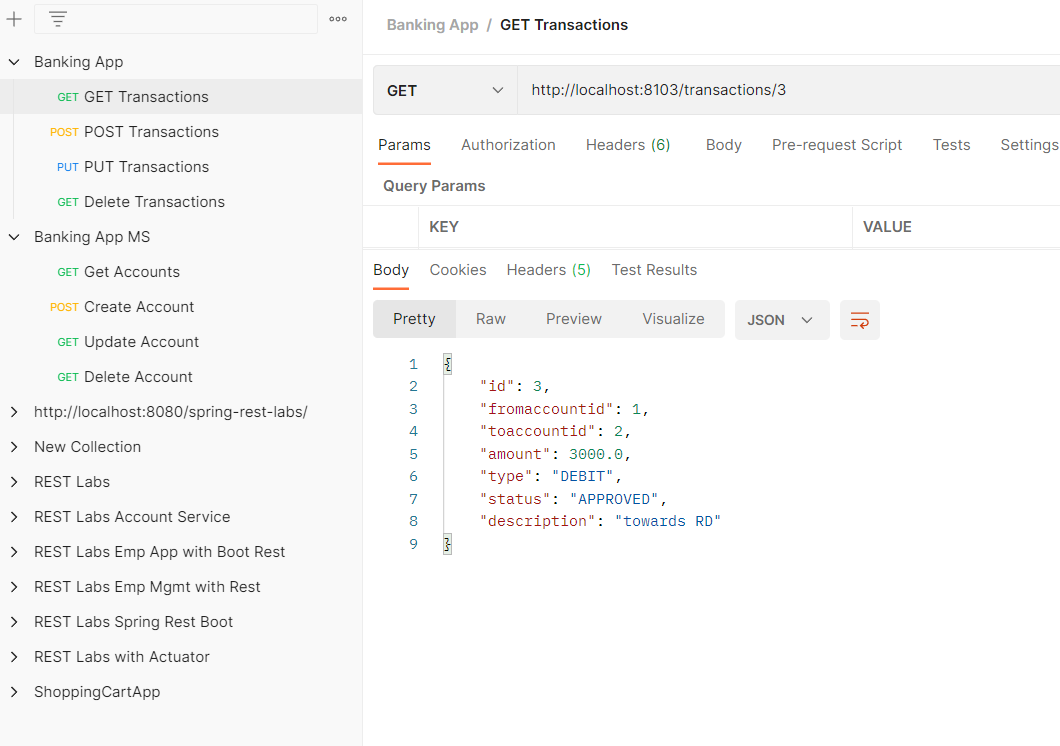


**TRANSACTION APPROVAL N REJECTION SCENARIOS**

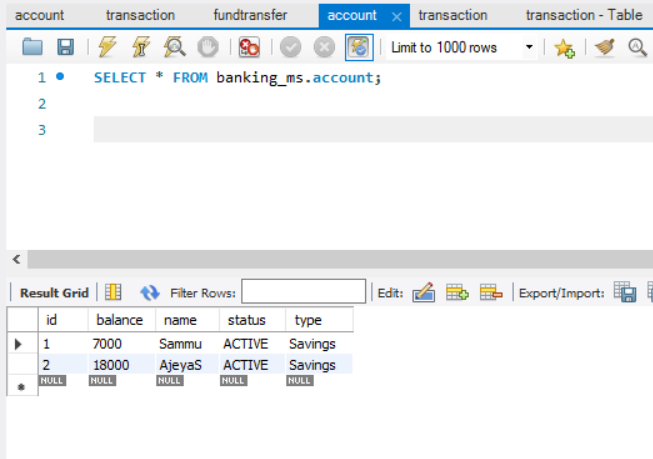
**Before Initiating the transaction: Account Balances in accounts table**

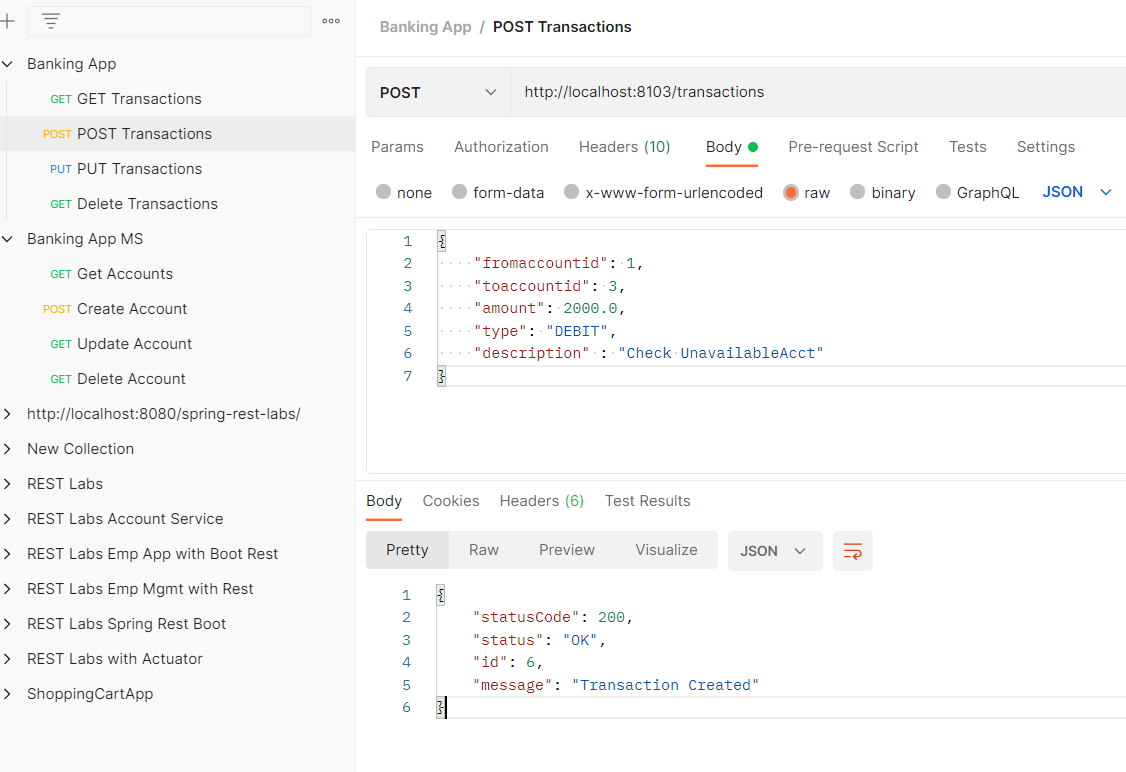






**After Transaction Approval, Balances getting updated**

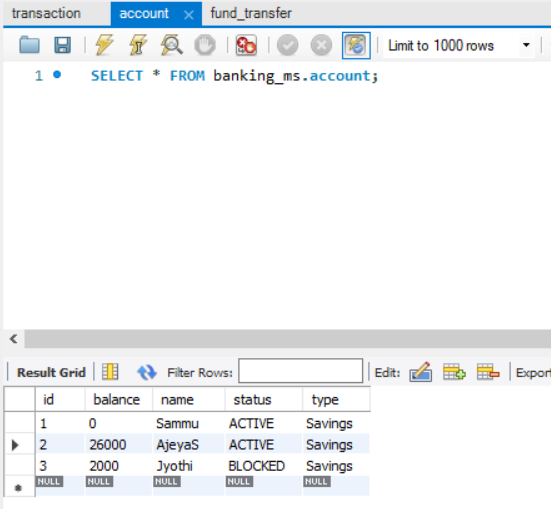


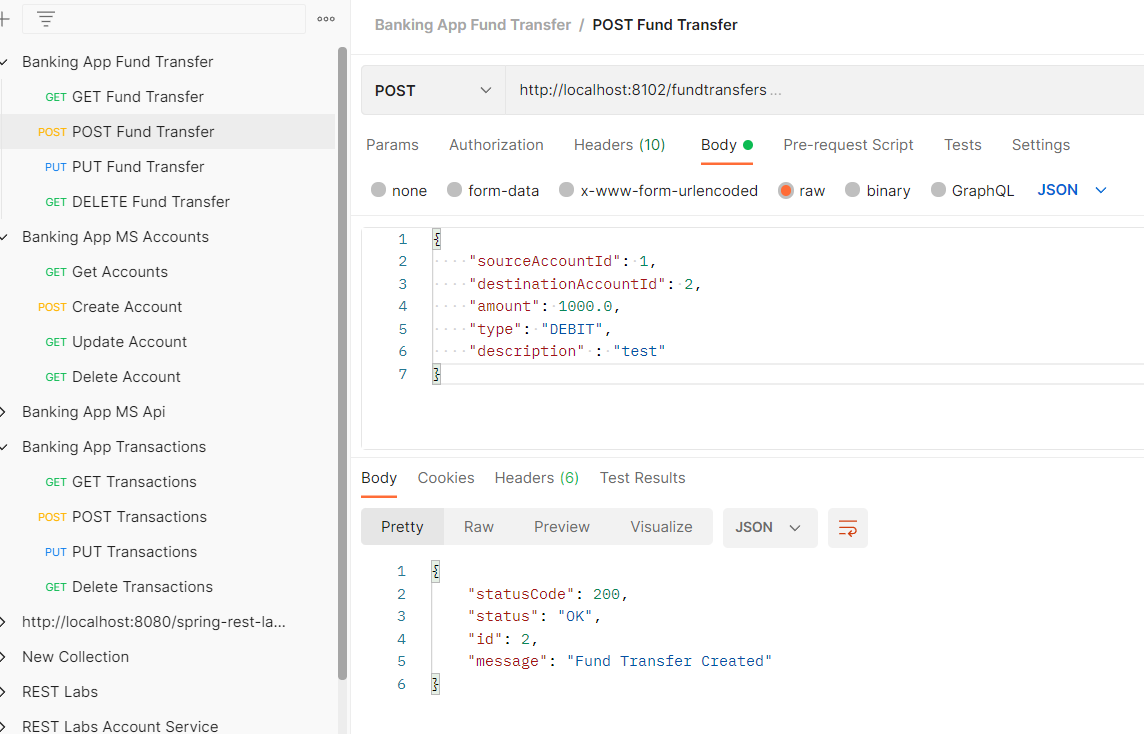


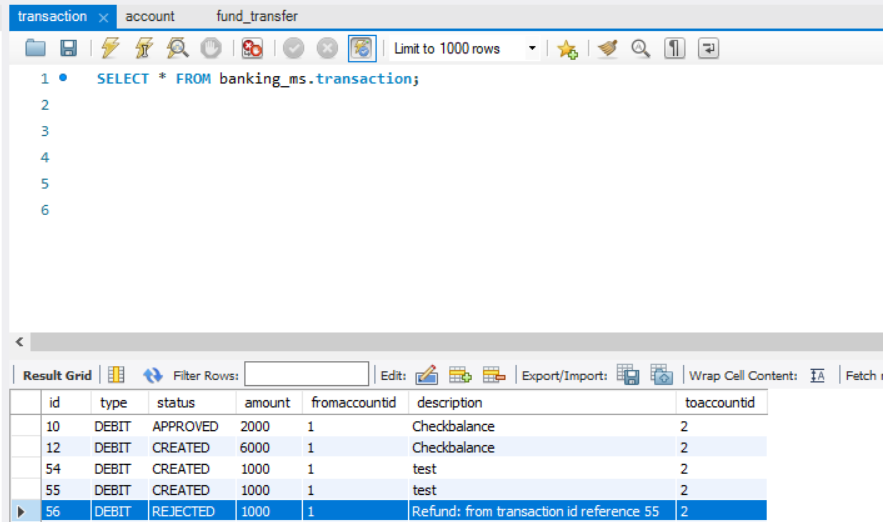


**Compensatory Logic Working for rejected entries as below**

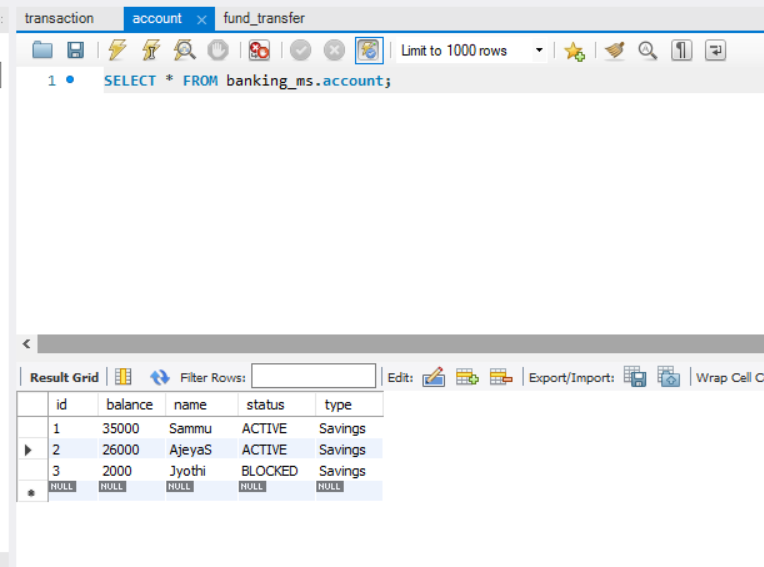
**Transaction from the low balance account to another, gets rejected and transaction table gets added with another record with Rejection and accounts are not updated.**





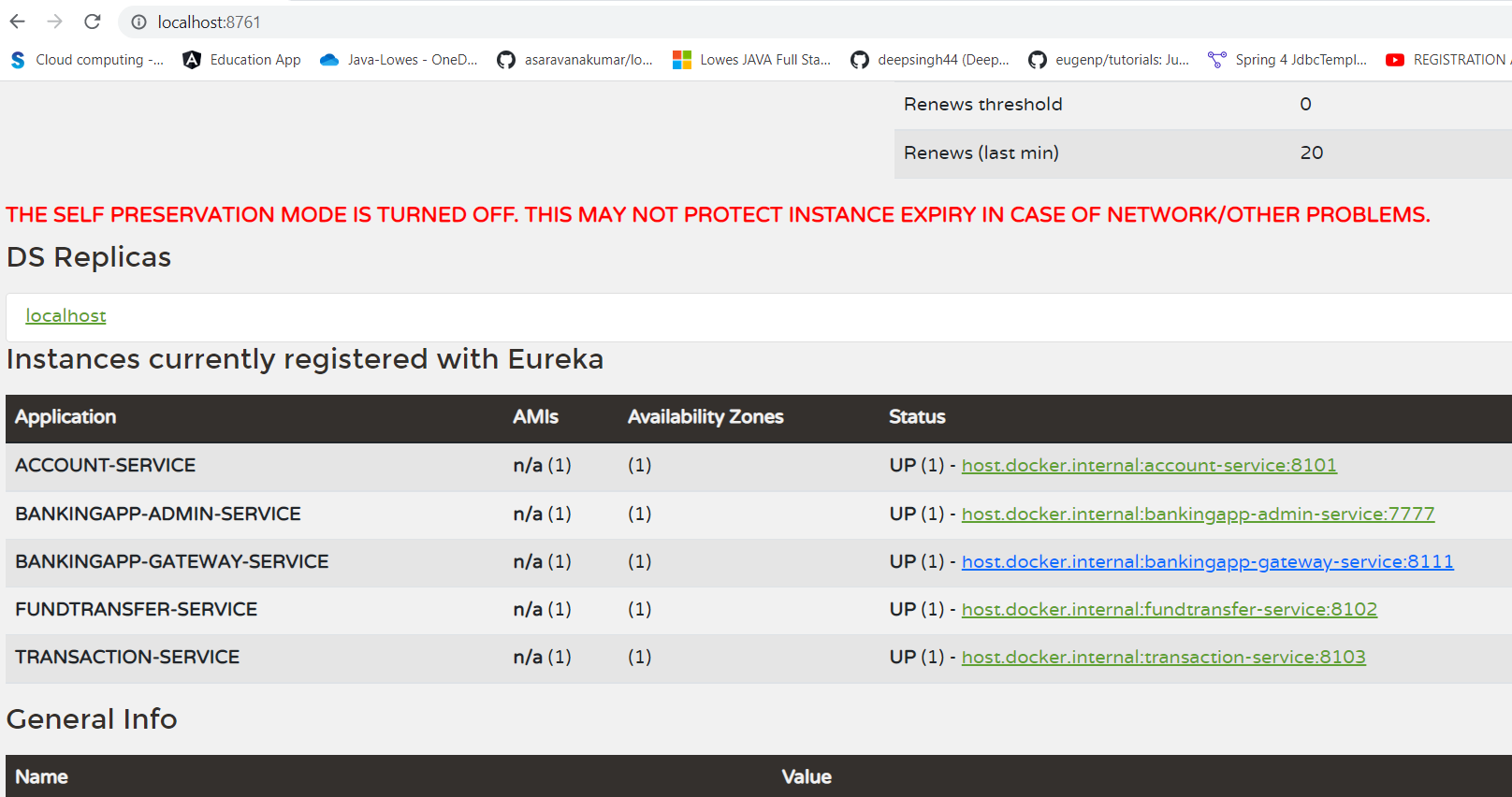


**If the Account status is BLOCKED, then the transaction will be REJECTED and refunded back to source account**

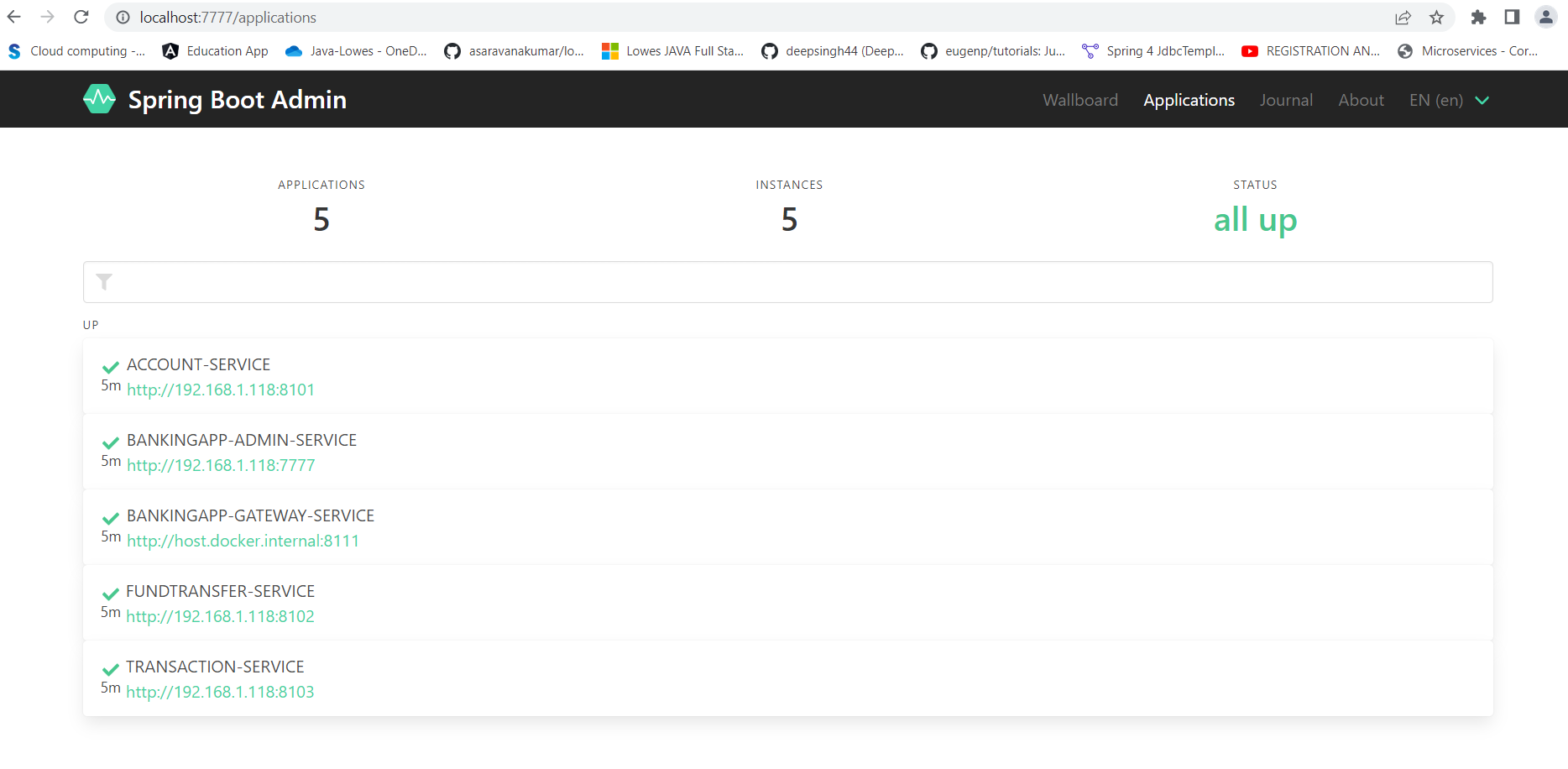




**Eureka running all the services**

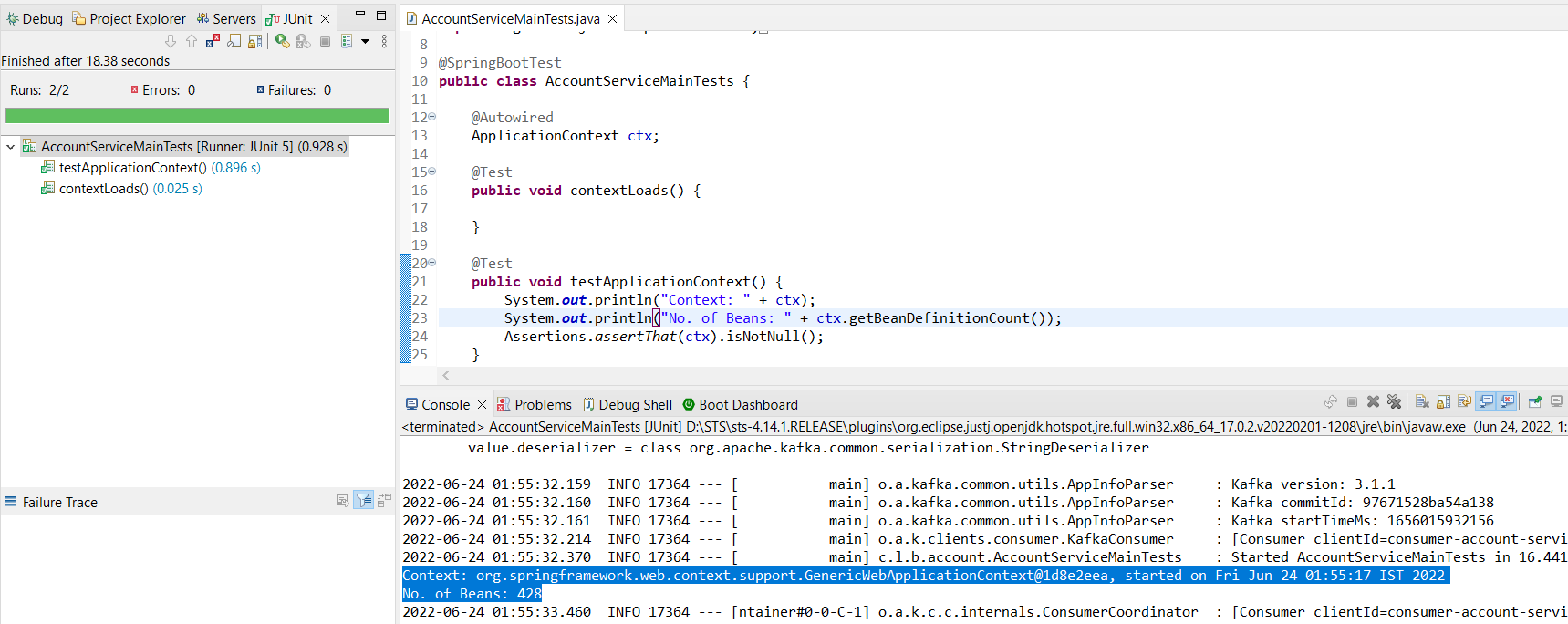


**Admin Services Showing all the services**

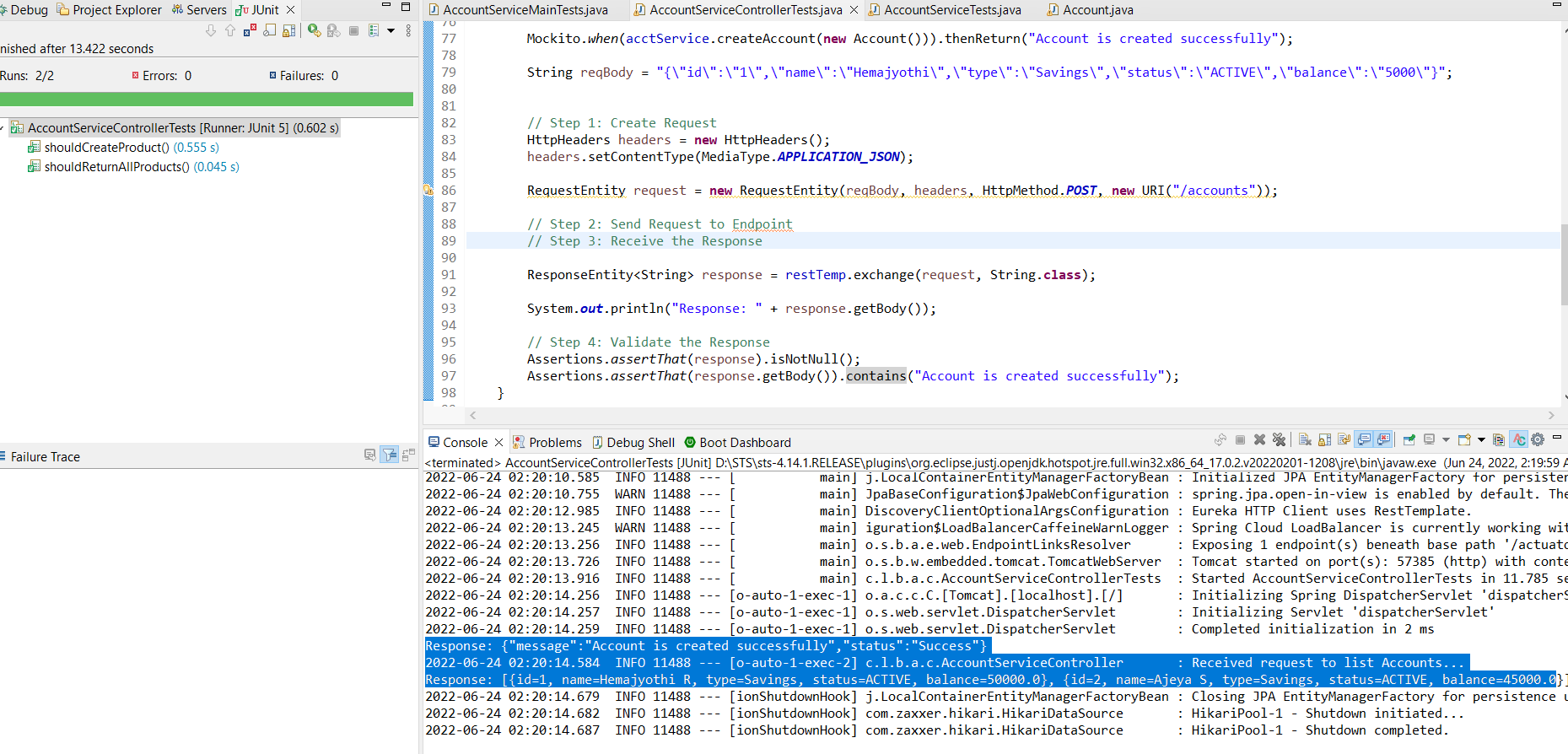


**Test cases for Account Service**

**Context Testing**

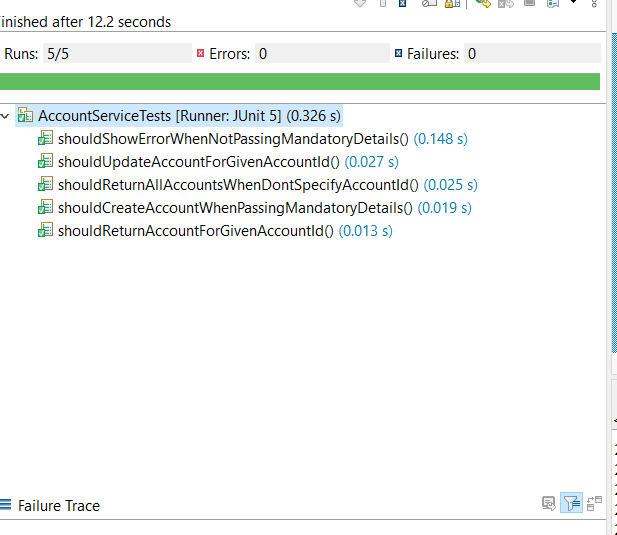


**Integration Testing for Accounts Service**



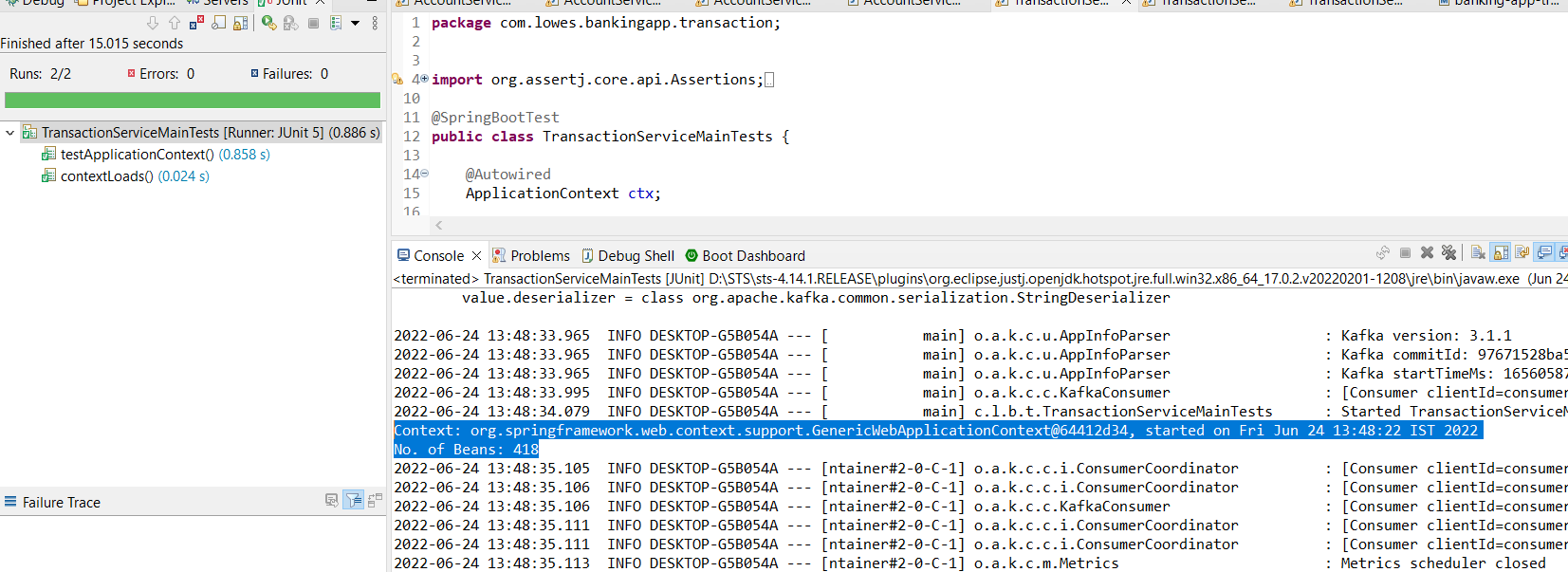


**Unit Test Cases Accounts Service**

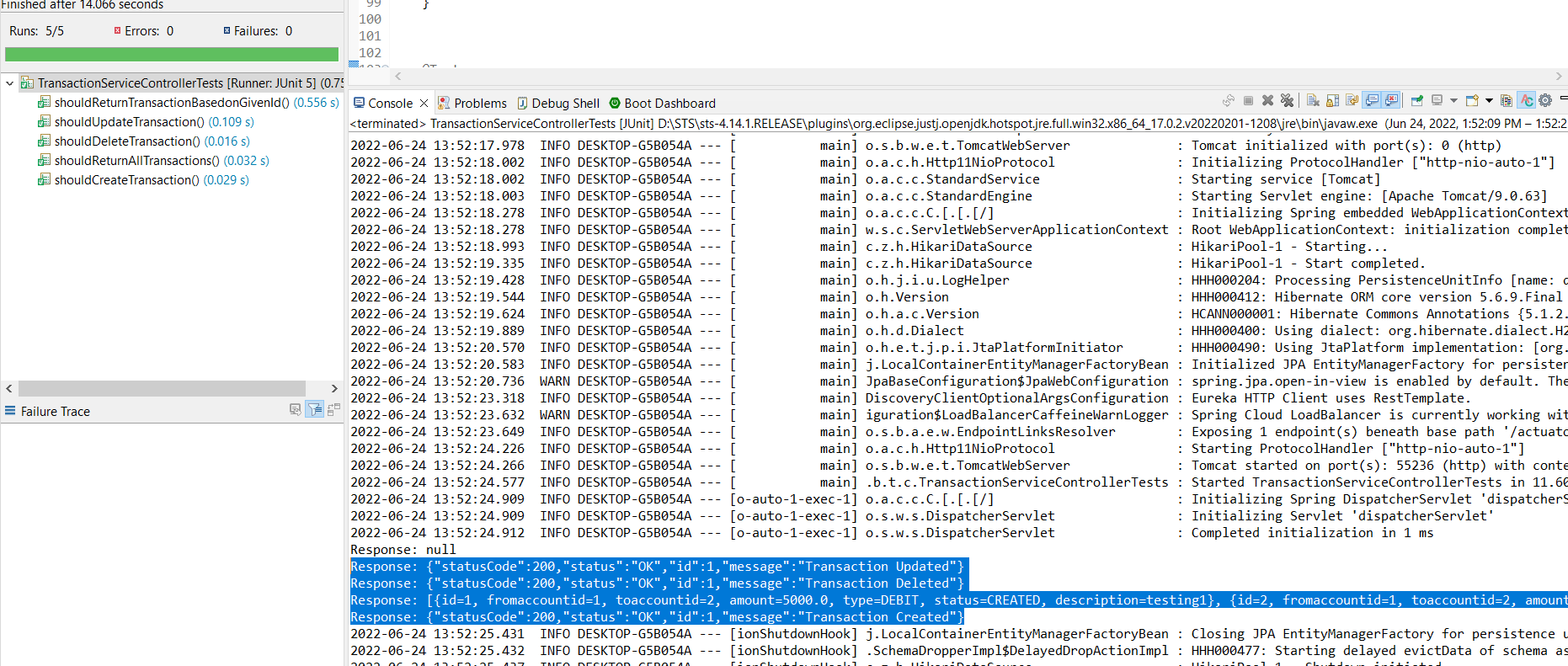


**Test Cases for Transaction Service**

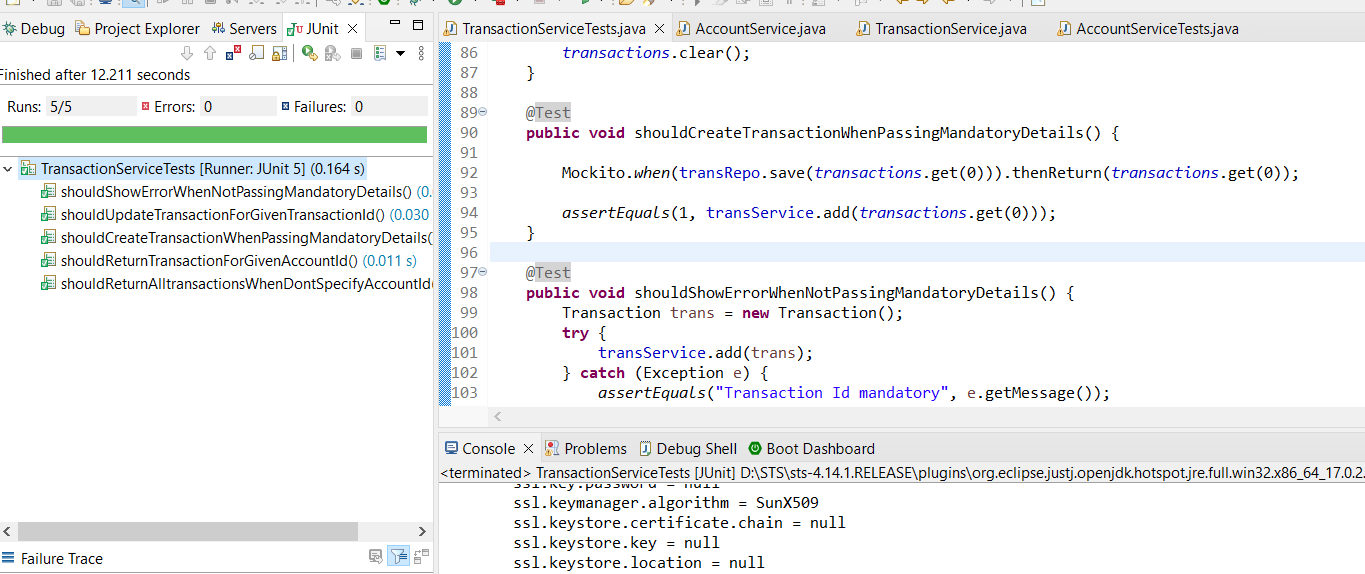
**Application Context**

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**Integration Tests for Transaction Services**

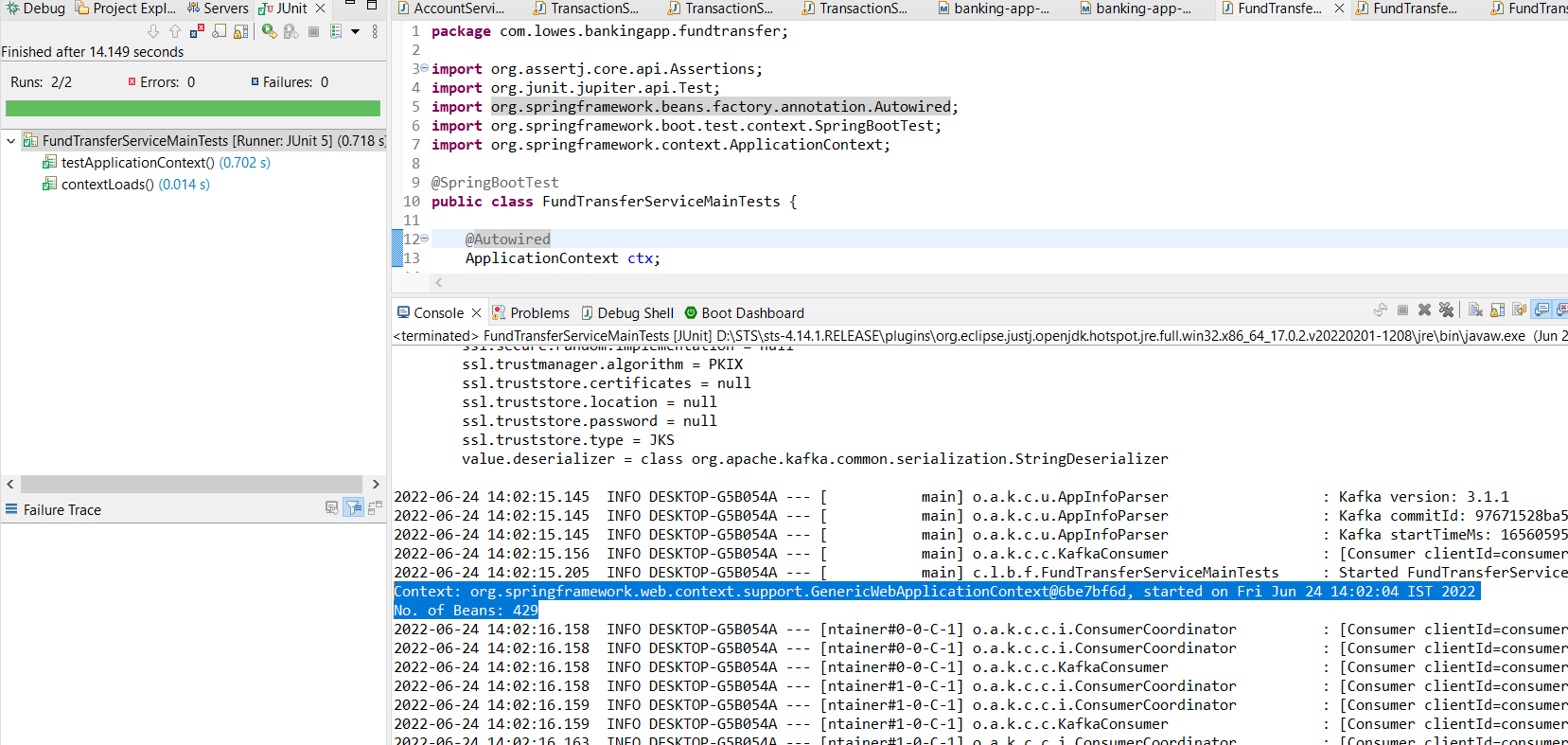
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**Unit Tests for Transaction Services**

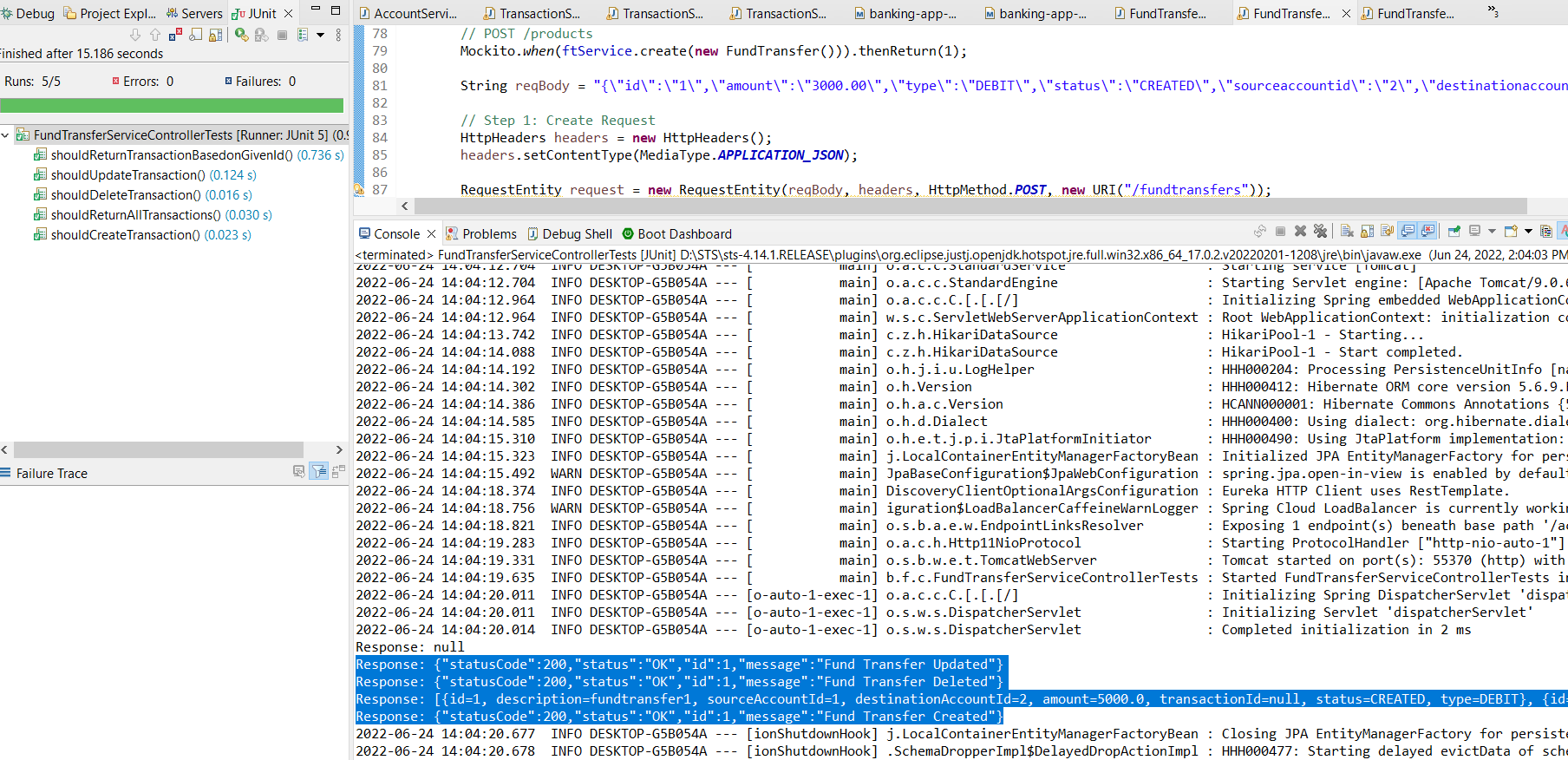
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**Fund Transfer service Test cases**

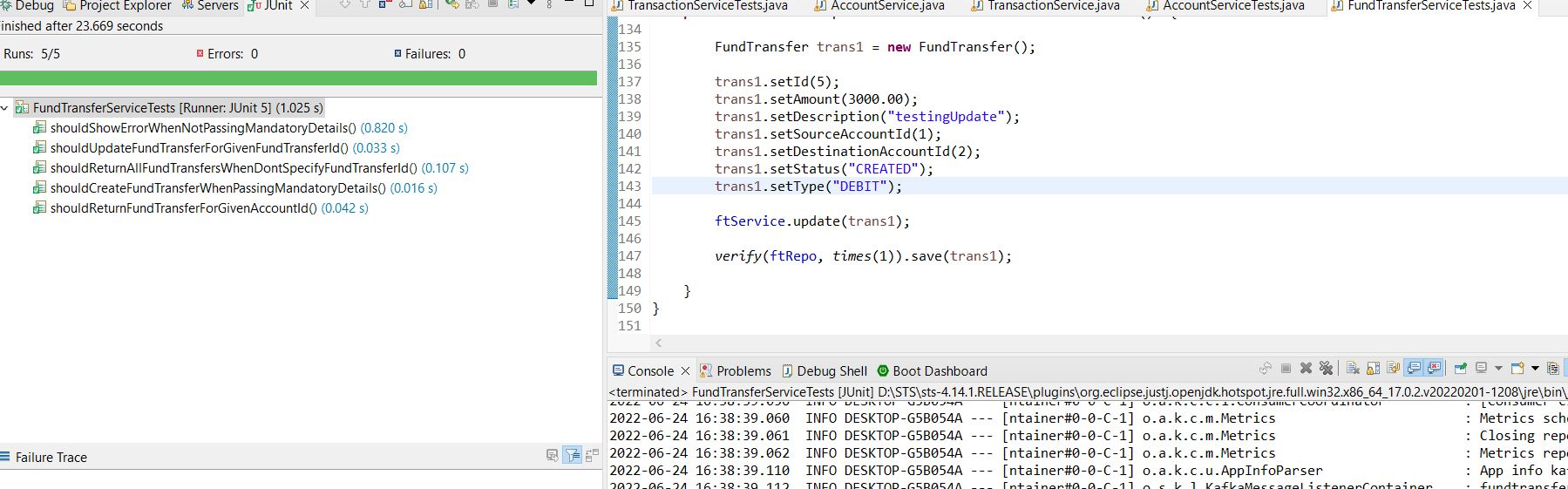
**Application context**

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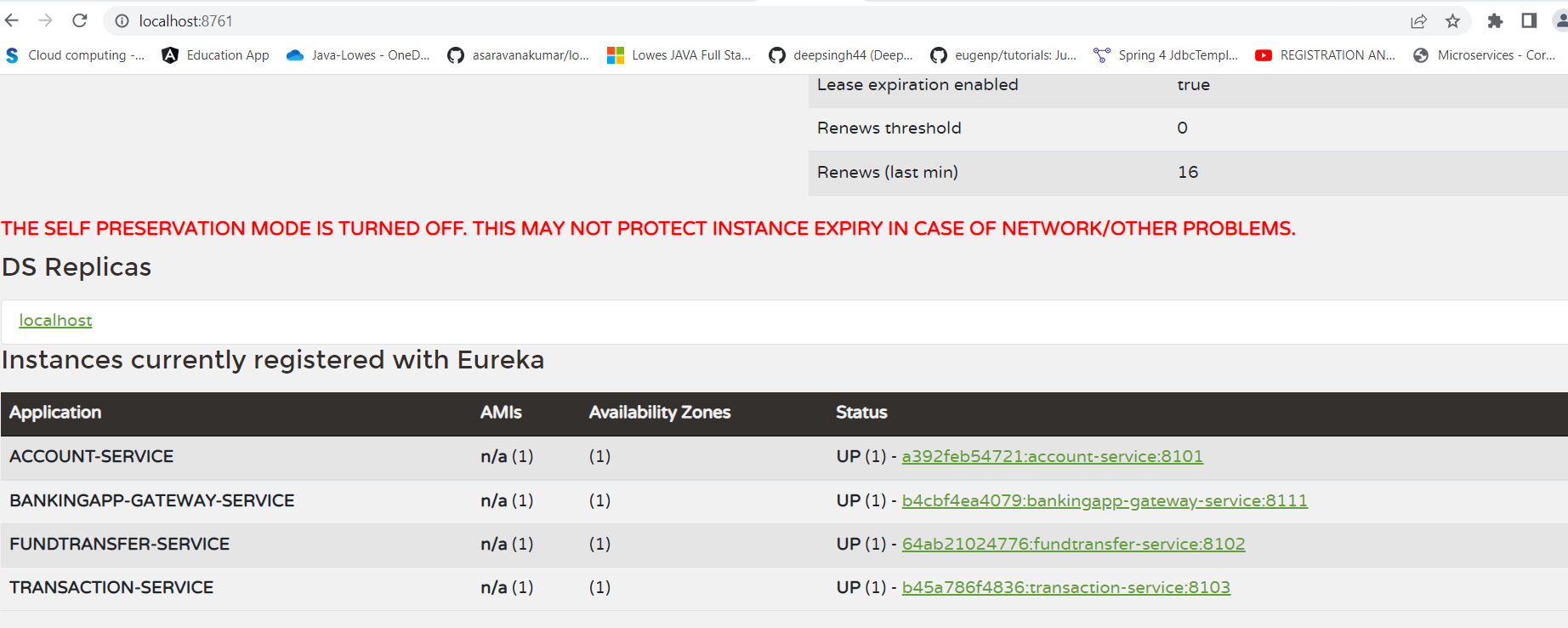
**Integration Tests for Fund Transfer Services**

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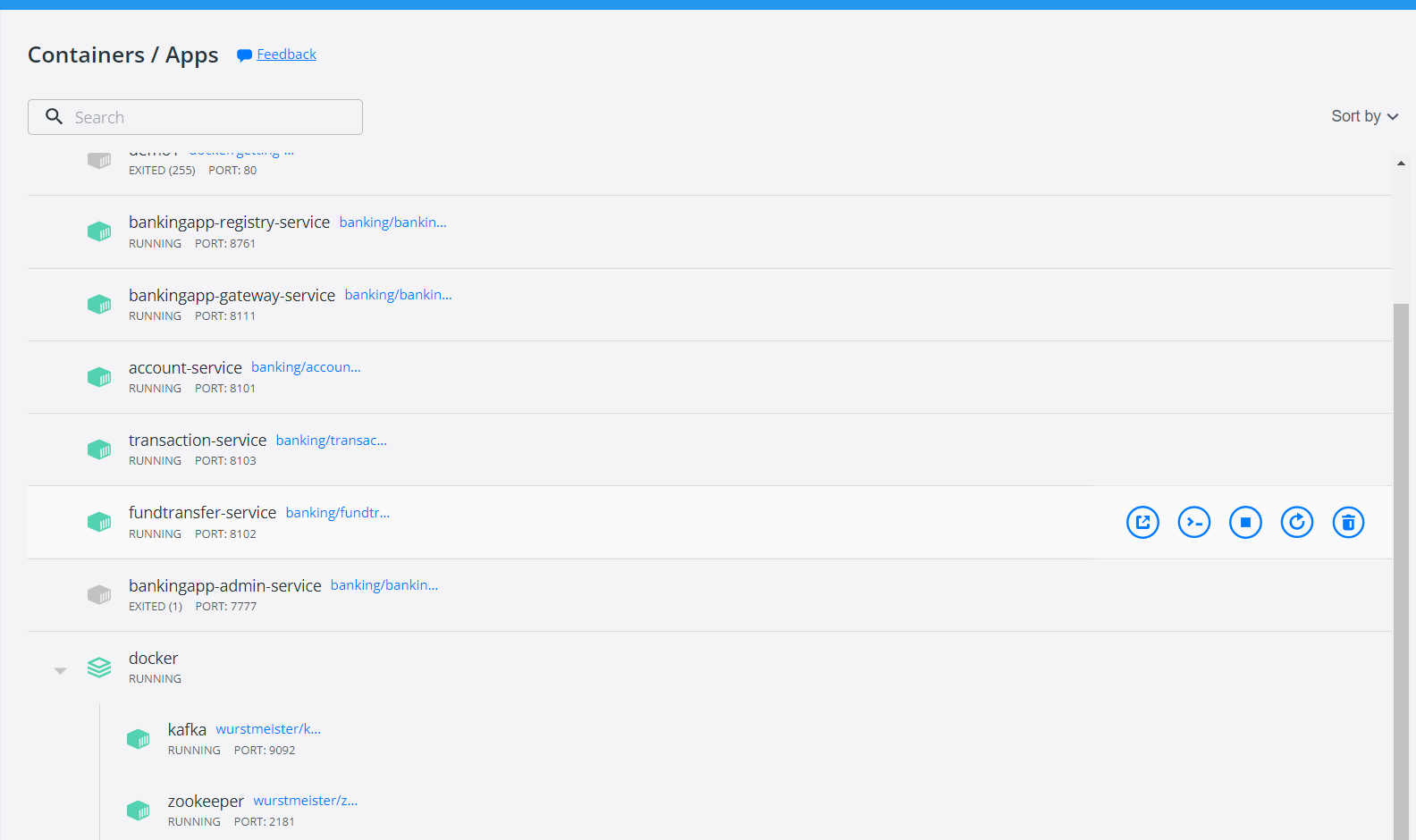
**Unit Test cases for Fund Transfer Services**

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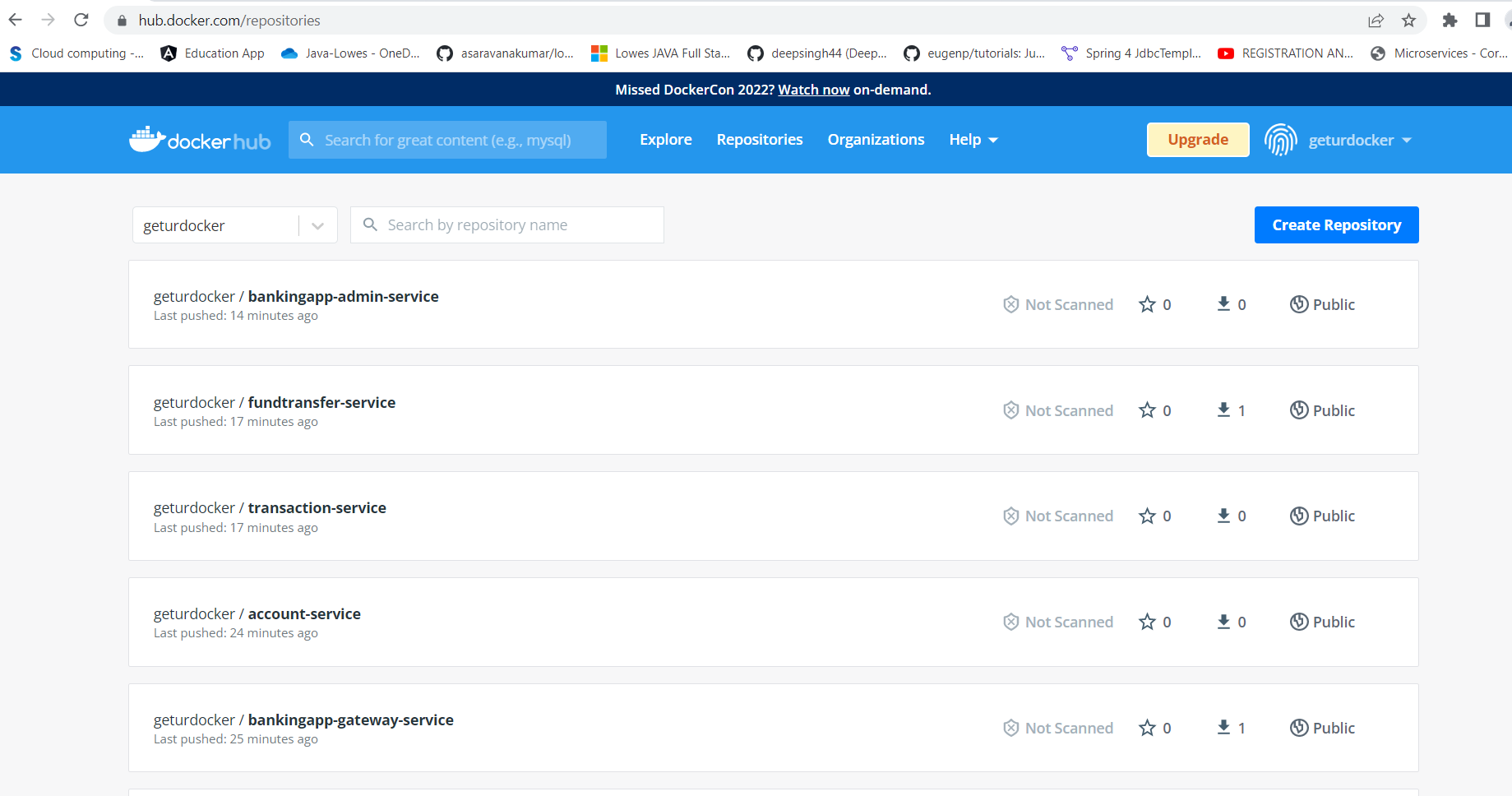
**Services running on Eureka**

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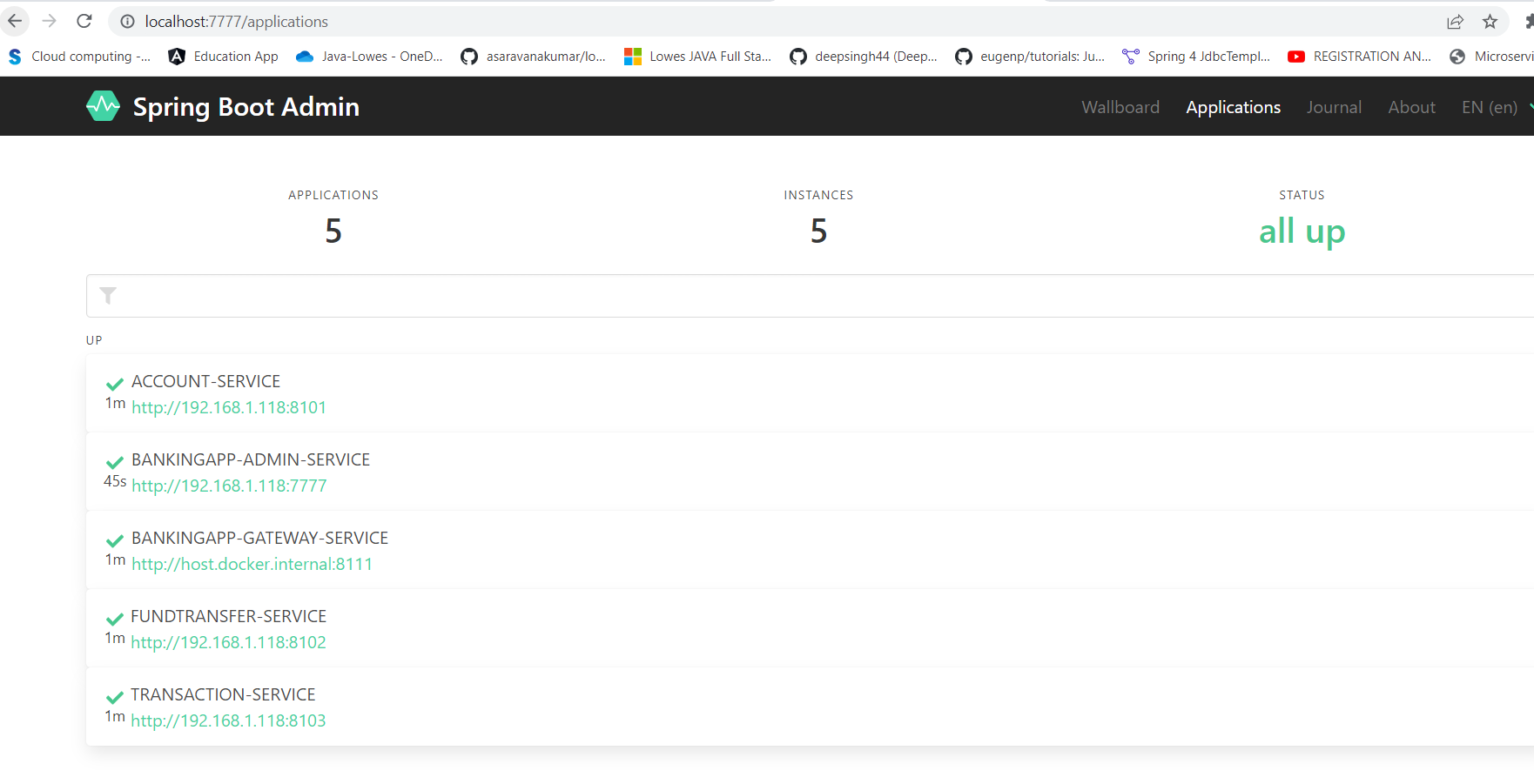
**Dockerization on local desktop**

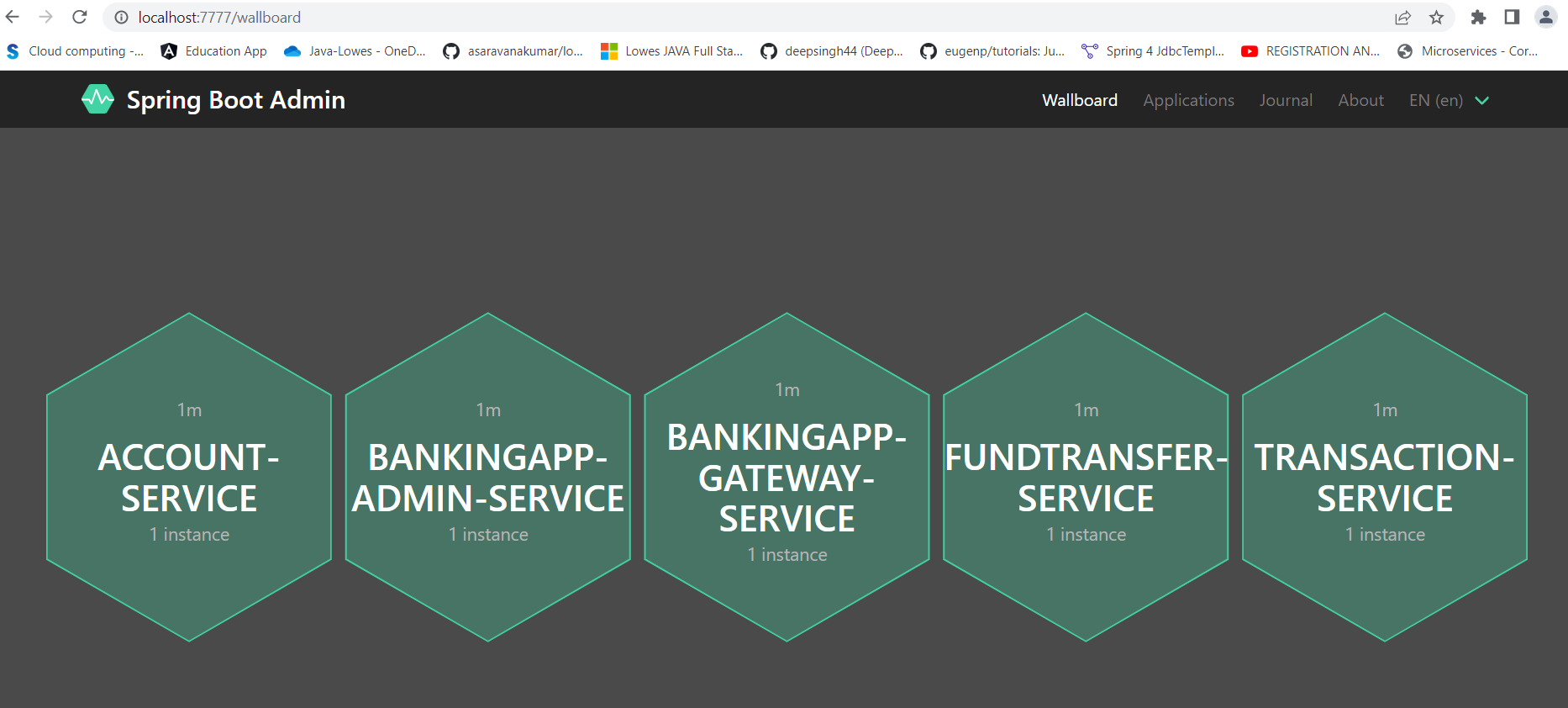
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**Docker Hub services**

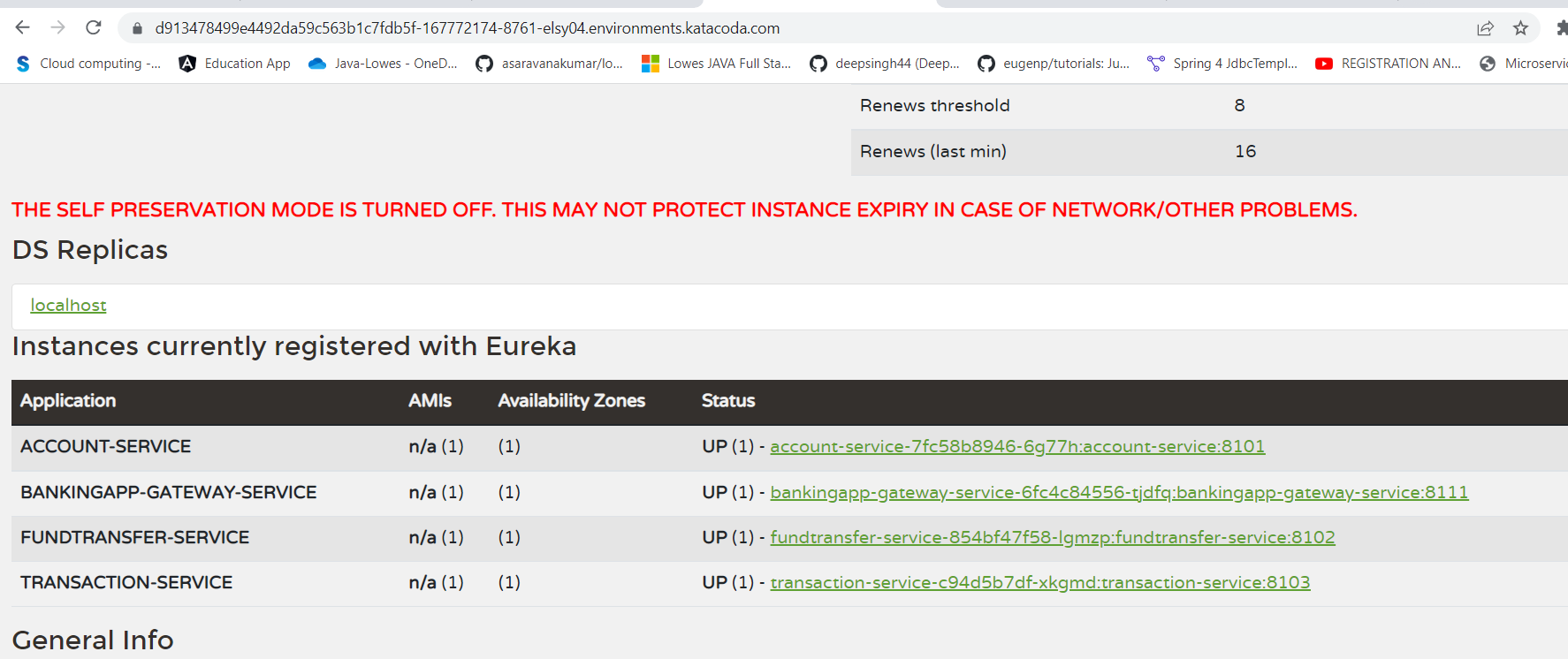
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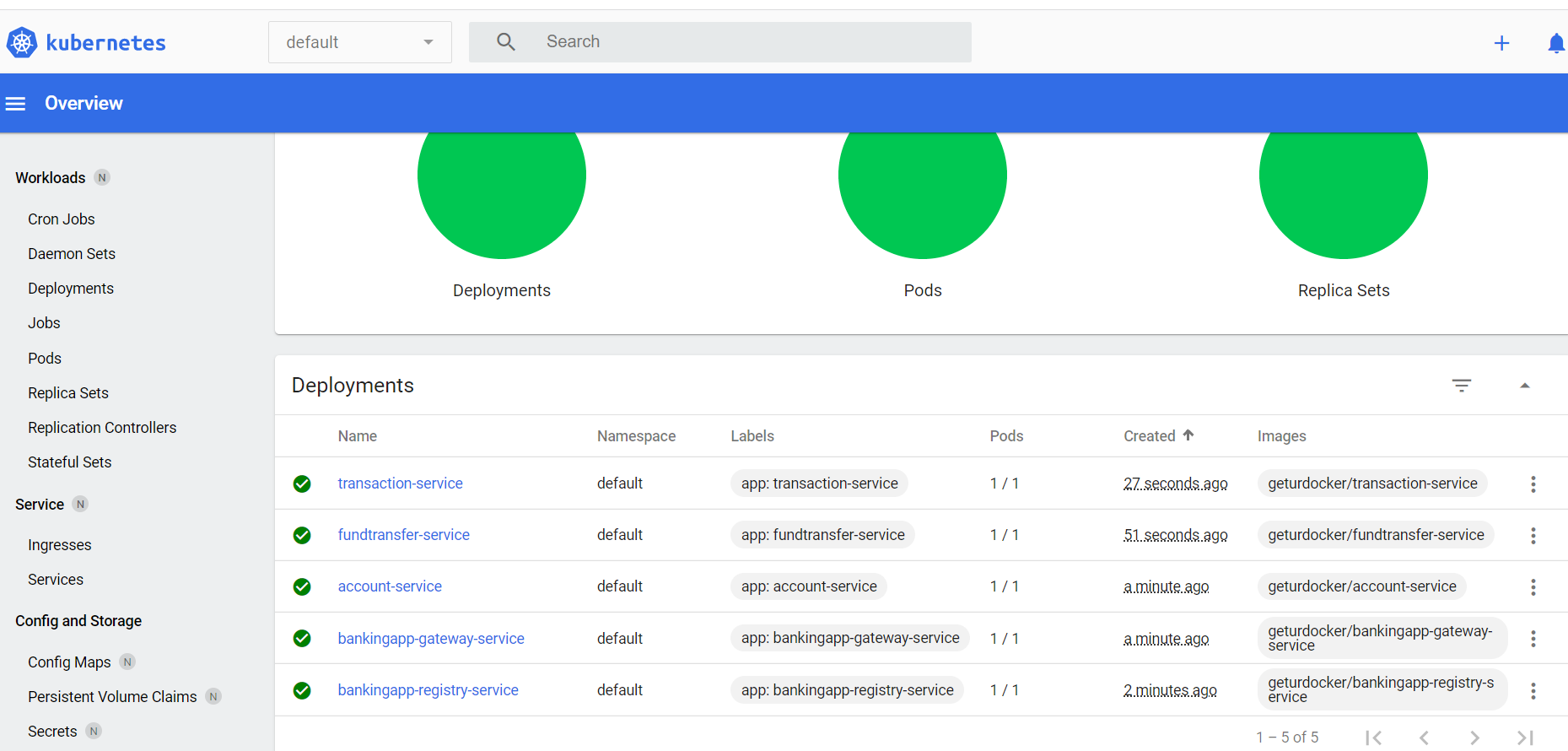
**Banking App Admin Service**

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**Deployment on Kubernetis**

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