ARQUITECTURA DE SOFTWARE

Examen 3 Unidad

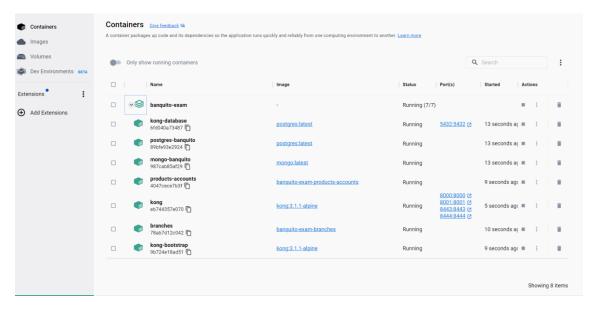
Carvajal Luis

Zurita Diego

DOCKER COMPOSE

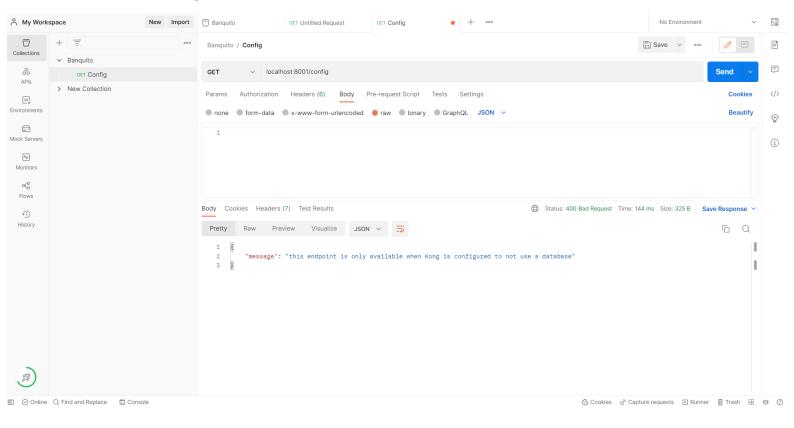
Configuracion de Docker-Compose

DOCKER

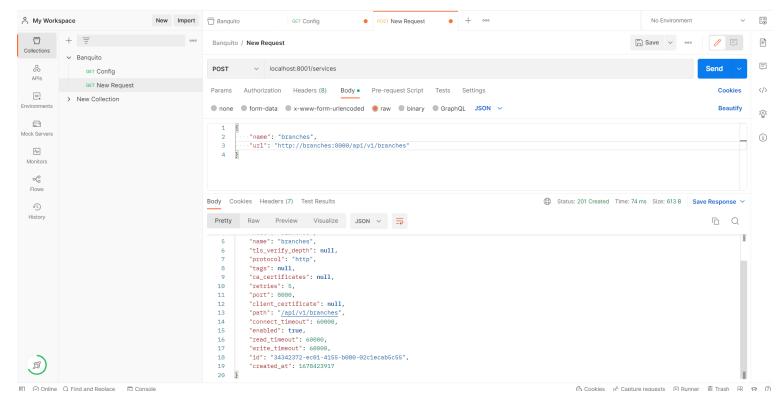


POSTMAN

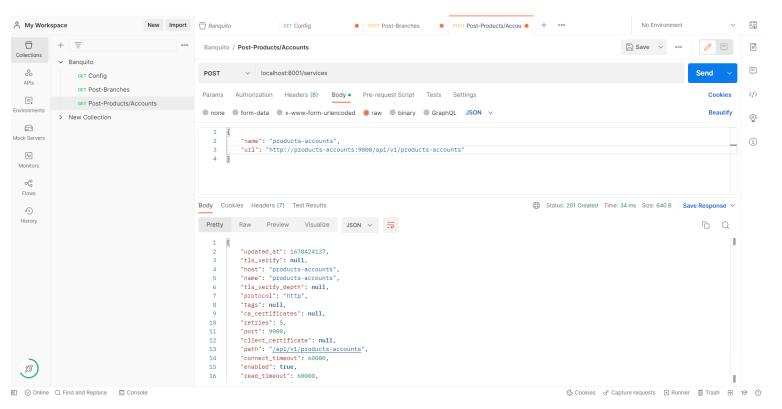
• Configuracion KONG



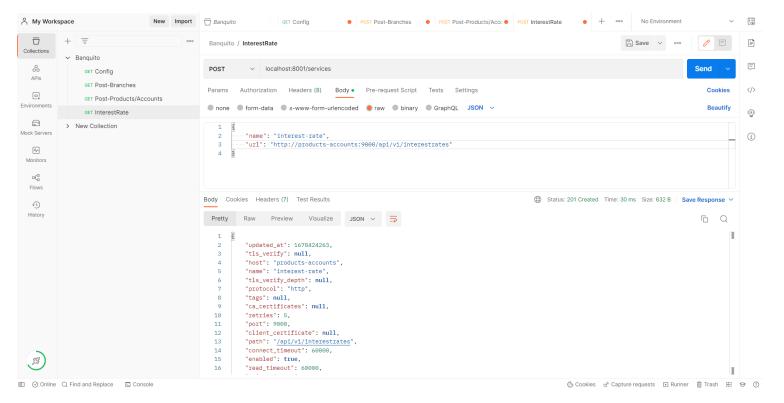
• Service Branch



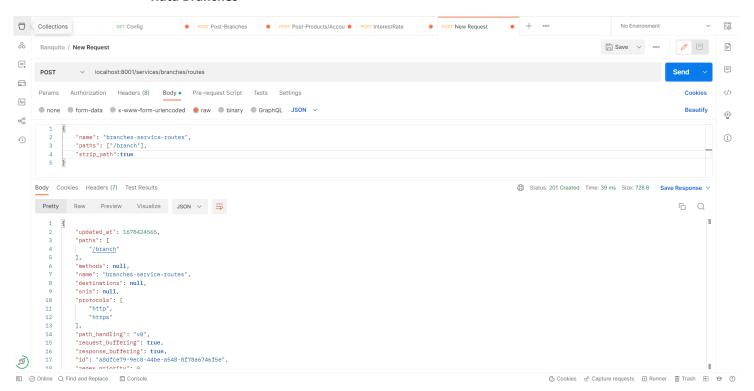
Service Product Account



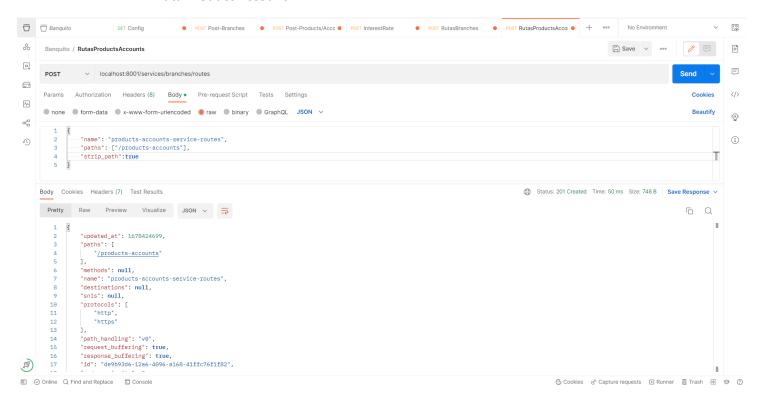
• Service InterestRate



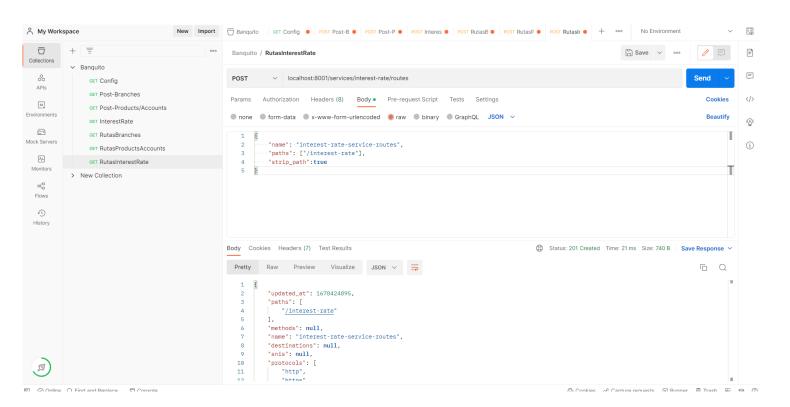
• Ruta Branches



• Ruta Product Account

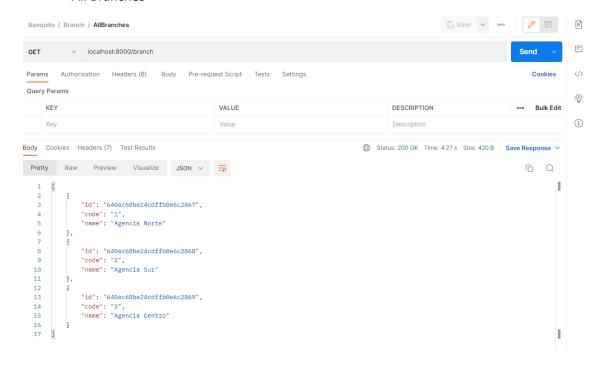


• Ruta InterestRate

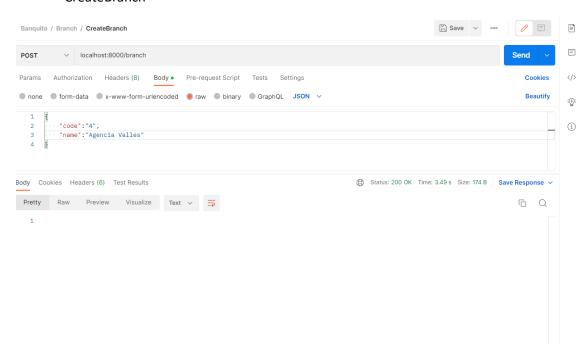


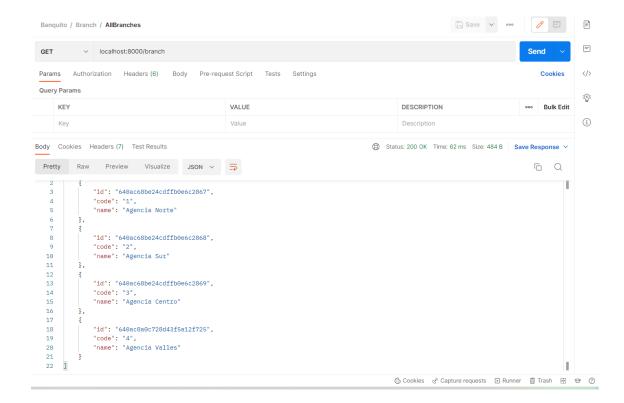
IMPLEMENTACION BRANCHES EN POSTMAN

All Branches



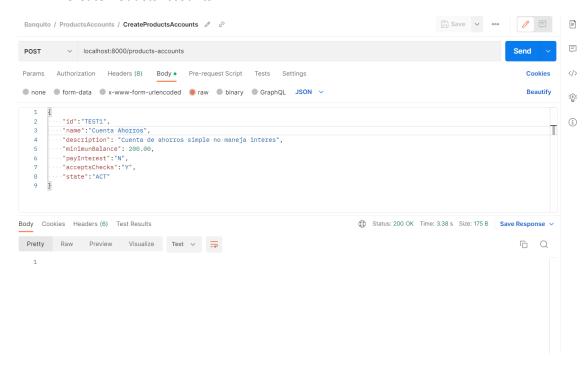
CreateBranch



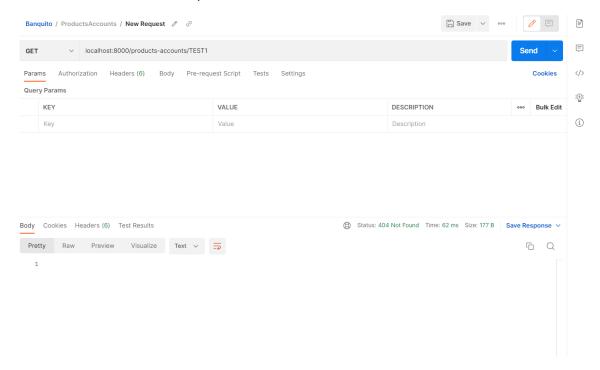


IMPLEMENTACION PRODUCTACCOUNT EN POSTMAN

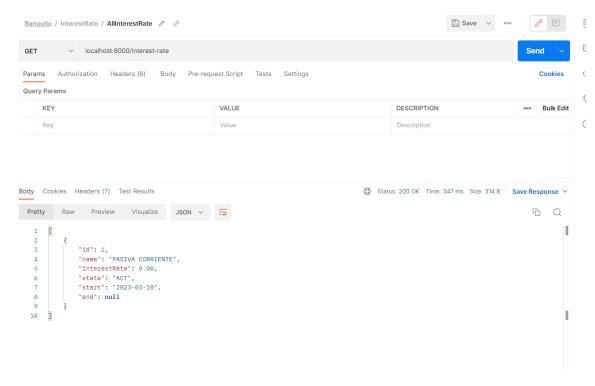
• CreateProductsAccounts



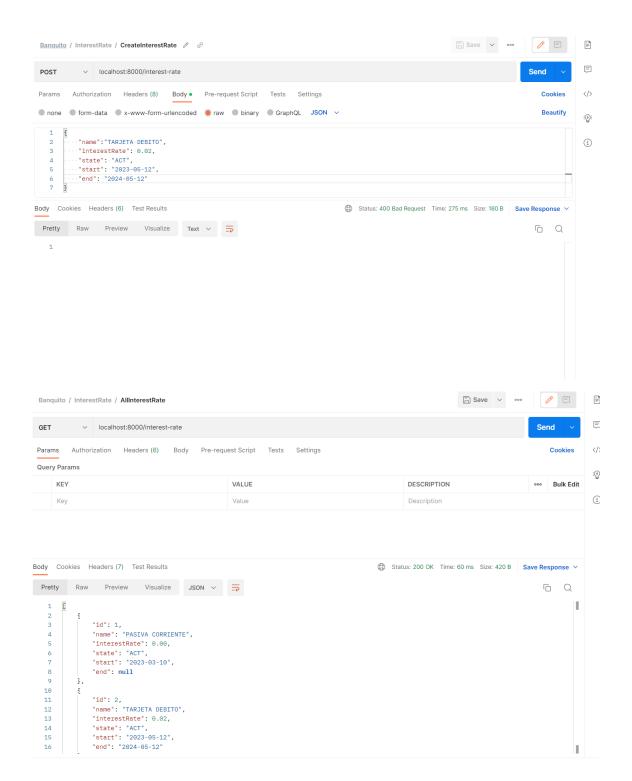
Get ProductAccountbyId



AllInterestRate



CreateInterestRate



TEST

BranchService Test

```
υ ⊳ ~ € Σ ···
                                         src > test > java > com > banquito > core > branches > services > J BranchServiceTestjava > 😝 BranchServiceTest > 🏵 testCreateThrowsException()
28 import com.banquito.core.branches.service.BranchService;

∨ Ø III branches 3.0s

    Ø → public class BranchServiceTest {

                                                     private BranchService branchService;
  ∨ ⊘ 😘 BranchServiceTest 3.0 ▷ 🖒 🖺
                                                     private Logger logger;
     OtestGetAll() 5.0ms
                                                     @Mock
     private BranchRepository branchRepositoryMock;
     (2) testLookByld() 43ms
     void setUp() throws Exception {
   MockitoAnnotations.initMocks(this);
     (21ms) testUpdate() 21ms
                                                          branchService = new BranchService(branchRepositoryMock);
```

• BranchController Test

• ProductAccountService Test

```
ე ⊳ × ₽ ∑ ···
                                                                  J ProductsAccountsServiceTest.iava X
                                       src > test > iava > com > banquito > core > productsaccounts > service > J ProductsAccountsServiceTest.iava > 😫 ProductsAccountsServiceTest > 🚱 setUp()
                                                  private ProductAccountRepository productAccountRepository;

∨ 

✓ 

☑ products-accounts 2.2s

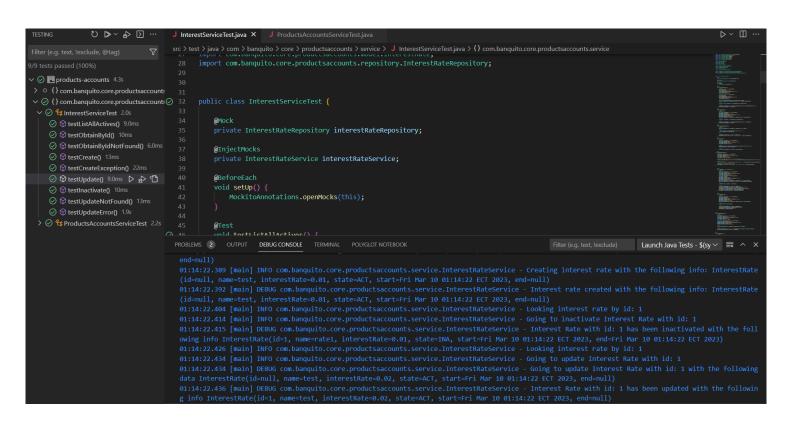
                                                   private ProductAccountService productAccountService;

∨ Ø {} com.banquito.core.productsaccounts
                                                   @BeforeEach
 > 🕢 ધ InterestServiceTest
                                                   void setUp() {

∨ Ø ServiceTest 2.2s

                                                                  otations.openMocks(this);
     (2) testListAllActives(1) 37ms
     (i) testObtainBvId() 9.0ms
     OtestCreate() 9.0ms
     account1.setId(id: "1");
account1.setName(name: "account1");
                                                       account1.setDescription(description: "description1");
account1.setMinimunBalance(new BigDecimal("100.00"));
                                                       account1.setPavInterest(navInterest: "Y"):
                                                                                                                                                                                                 01:13:18.588 [main] INFO com.banquito.core.productsaccounts.service.ProductAccountService - Creating Product Account with the following info: ProductA
```

• InterestRateService Test



COVERAGE

Branches

<u>branches</u> > <u>⊕ com.banquito.core.branches.service</u> > <u>⊚ BranchService</u>

BranchService

Element	Missed Instructions +	Cov. \$	Missed Branches +	Cov. \$	Missed	Cxty \$	Missed	Lines	Missed	Methods *
update(String, Branch)		64 %		50 %	1	2	4	14	0	1
create(Branch)		100 %		n/a	0	1	0	8	0	1
lookByld(String)		100 %		100 %	0	2	0	5	0	1
lookByCode(String)		100 %		n/a	0	1	0	4	0	1
getAll()	_	100 %		n/a	0	1	0	2	0	1
 BranchService(BranchRepository) 	=	100 %		n/a	0	1	0	3	0	1
<u>static {}</u>		100 %		n/a	0	1	0	1	0	1
Total	25 of 161	84 %	1 of 4	75 %	1	9	4	37	0	7

BranchController

Element	Missed Instructions	Cov. \$	Missed Branches	Cov.	Missed	Cxty \$	Missed	Lines	Missed \$	Methods
update(String, BranchRQRS)		50 %		n/a	0	1	3	5	0	1
create(BranchRQRS)		100 %		n/a	0	1	0	6	0	1
 obtainByCode(String) 		100 %		100 %	0	2	0	5	0	1
obtainAll()		100 %		n/a	0	1	0	4	0	1
 BranchController(BranchService) 		100 %		n/a	0	1	0	3	0	1
• <u>static {}</u>		100 %		n/a	0	1	0	1	0	1
Total	13 of 93	86 %	0 of 2	100 %	0	7	3	24	0	6

ProductAccount

products-accounts > # com.banquito.core.productsaccounts.service > @ ProductAccountService

ProductAccountService

Element	Missed Instructions +	Cov. \$	Missed Branches	Cov. \$	Missed *	Cxty	Missed	Lines	Missed +	Methods 🌣
 <u>create(ProductAccount)</u> 		100 %		n/a	0	1	0	9	0	1
 <u>obtainByld(String)</u> 		100 %		100 %	0	2	0	5	0	1
■ listAllActives()		100 %		n/a	0	1	0	4	0	1
 ProductAccountService(ProductAccountRepository) 	_	100 %		n/a	0	1	0	3	0	1
• static {}	=	100 %		n/a	0	1	0	1	0	1
Total	0 of 87	100 %	0 of 2	100 %	0	6	0	22	0	5

InterestRateService

Element 4	Missed Instructions +	Cov. \$	Missed Branches +	Cov. \$	Missed	Cxty	Missed	Lines	Missed \$	Methods
inactivate(Integer)		59 %		50 %	1	2	4	14	0	1
update(Integer, InterestRate)		100 %		100 %	0	2	0	15	0	1
create(InterestRate)		100 %		n/a	0	1	0	8	0	1
obtainByld(Integer)		100 %		100 %	0	2	0	5	0	1
 listAllActives() 		100 %		n/a	0	1	0	4	0	1
 InterestRateService(InterestRateRepository) 	=	100 %		n/a	0	1	0	3	0	1
• static {}		100 %		n/a	0	1	0	1	0	1
Total	25 of 209	88 %	1 of 6	83 %	1	10	4	50	0	7