

IBM Bank Project

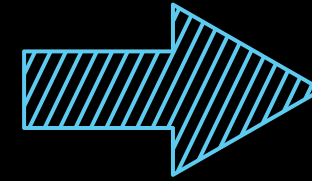


Roteiro

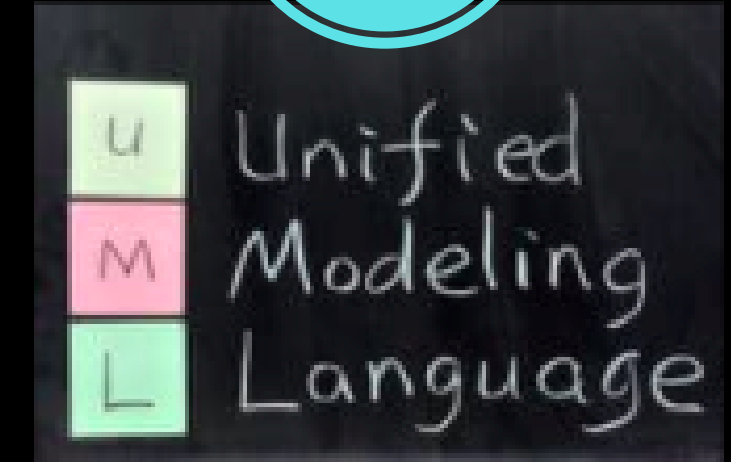
1



Arquitetura

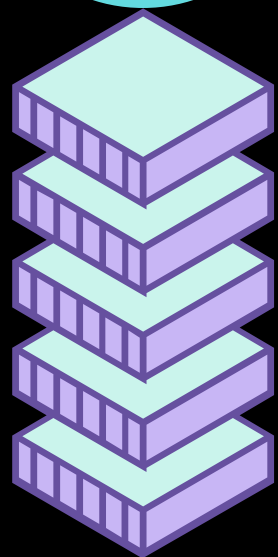


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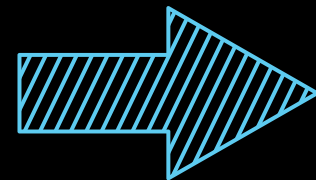


Modelagem UML

3



Tecnologias



4

RUN

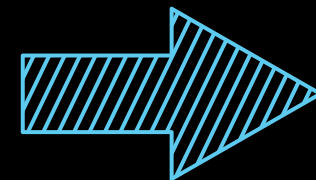
Executando

Roteiro

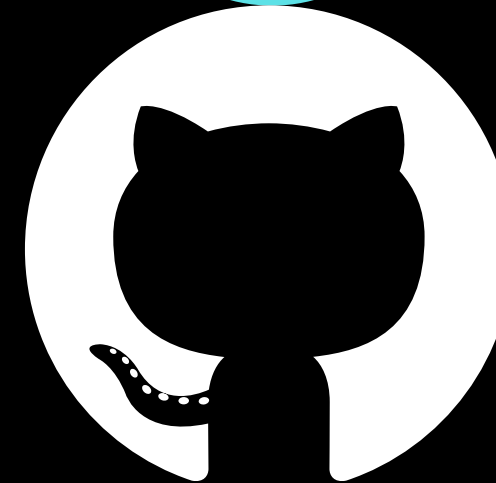
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Regras de Negócios



6



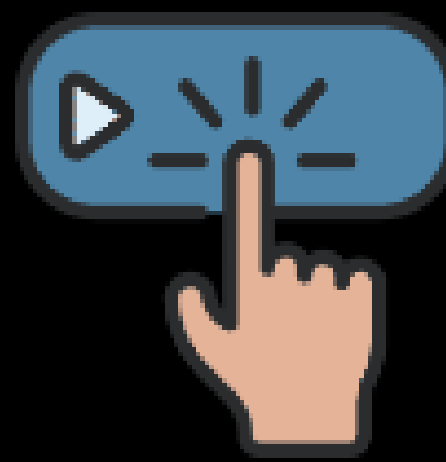
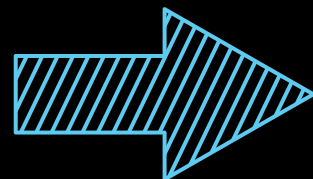
Código

7



Equipe

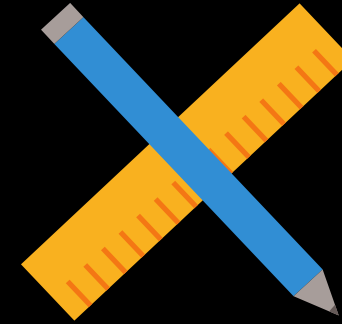
8



Documentação da API

Hight-Level Architecture

1



EndPoint

/clientes

POST

GET

/contas

POST

GET

/transacoes

POST

GET

/subscriptions/cancel/{id}

PACH

/users/subscriptions/{id}

GET

/events/{id}/subscriptions

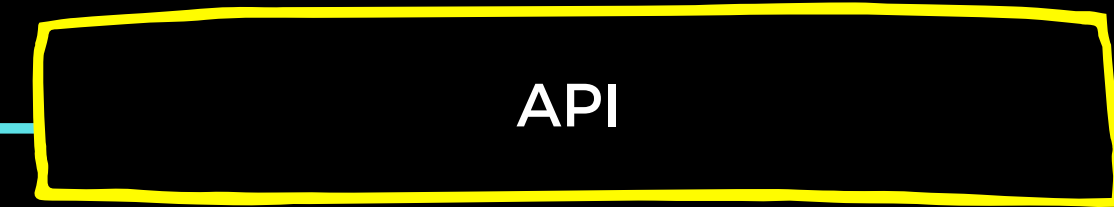
GET

/subscriptions/reservation

PACH

/subscriptions/checkin/{id}

GET



API



Requisições HTTP: REST / JSON



Controladores Rest



DTO(Data Transfer Object)



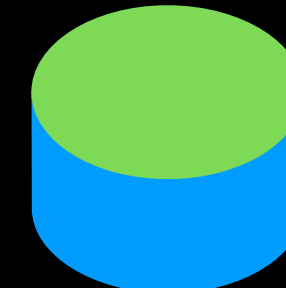
Camada de Serviço



Camada Acesso aos Dados



Entidades

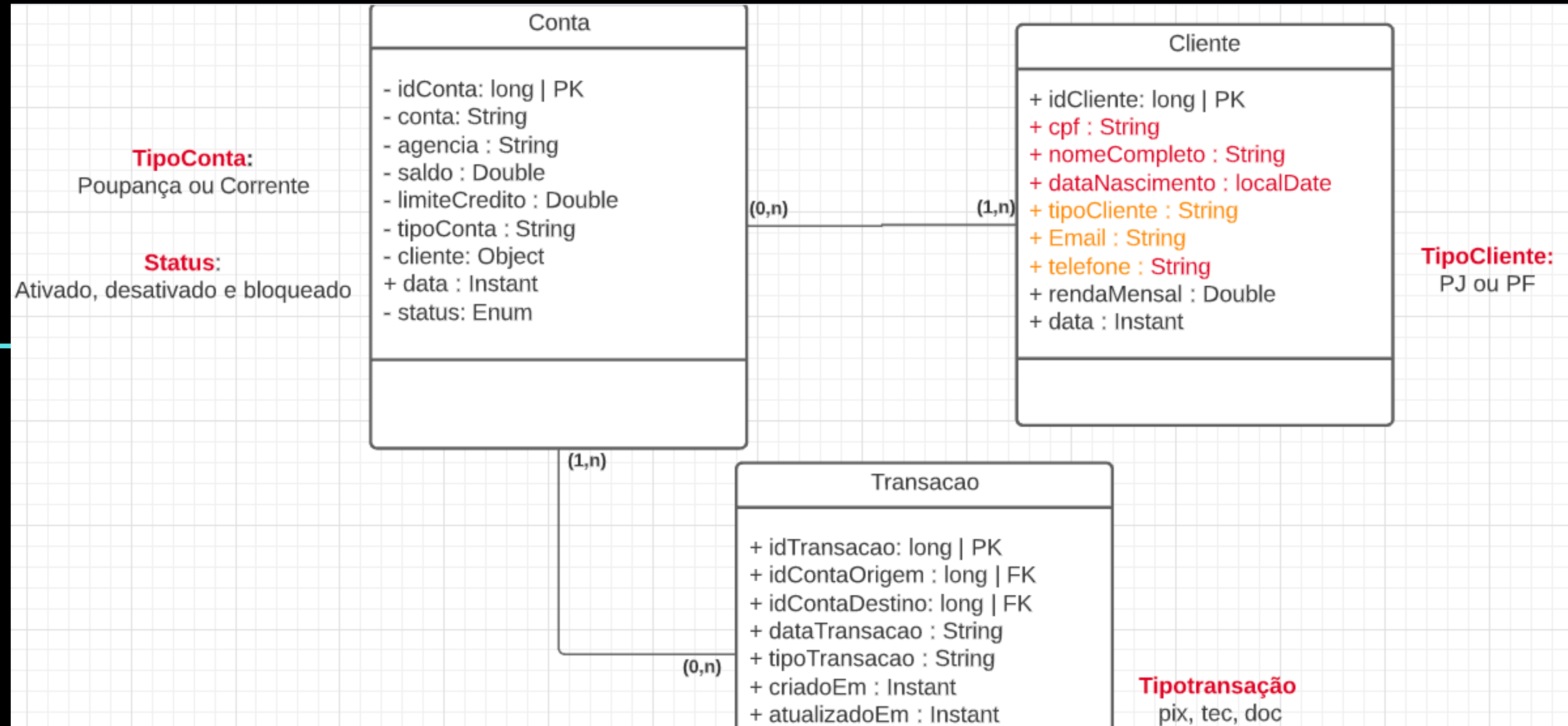


H2

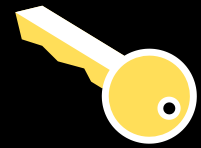
UML - Diagrama de Classe

2

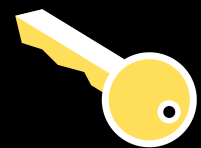
U
M
L
Unified
Modeling
Language



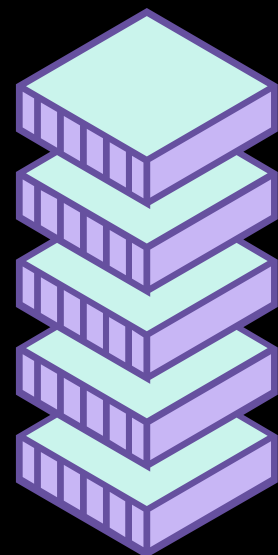
Conta



Cliente



Transação



🔑 Versão do **JAVA**: 11

🔑 **Maven** 3.8.2

🔑 **SpringBoot**: 2.5.6

🔑 Banco de dados **H2**



Tecnologias Utilizadas



POSTMAN

Na sua IDE, importe o projeto para seu "workspace" através da opção "importar **projeto MAVEN**",



busque o arquivo **EventManagerApplication.java**
-> botão direito -> rodar como "Springboot app".



4

Caso prefira executar via linha de comando, abra um terminal dentro da pasta back end e execute **mvn spring-boot:run**



RUN
Executando



Os **endpoints da API** estarão disponíveis na porta 8080

Regras de Negócios



Não permitir a inscrição de usuários quando o **limite de vagas** for atingido;

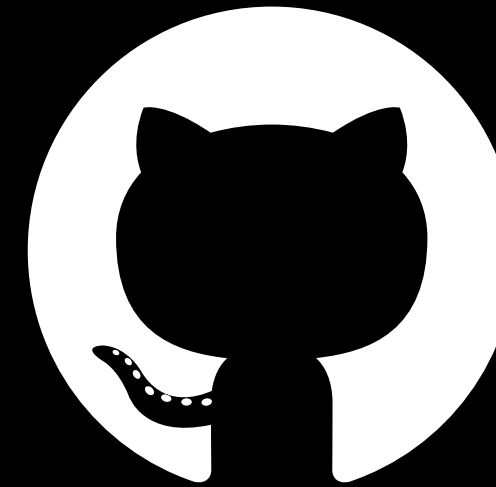


Não permitir a inscrição de usuários após o evento ter sido iniciado;



Não permitir o **cancelamento de uma inscrição** após o usuário ter realizado a entrada no evento.

6



GitHub

<https://github.com/igorvargasp/BlueBank>

7



Equipe



 **Pedro Lima**
Developer



 **Jonathas Borges**
Developer



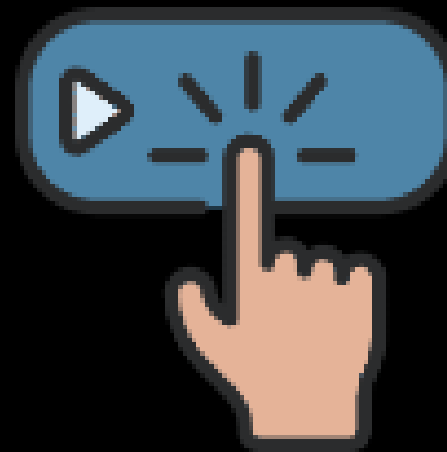
 **Igor Vargas**
Developer



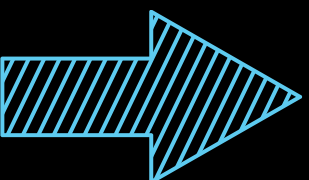
 **Abmael Ferreira**
Developer

<https://documenter.getpostman.com/view/17256075/UUxtDqHd> 

8



Documentação da API



9

Ferramentas de Comunicação

Trello

<https://trello.com/b/P5OUzHEv/ibm-bluebank>



Organização do Projeto

Slack

<https://blueacademyworkspace.slack.com/archives/C02KD7M0NFN>



Comunicação da equipe



Servidor de Interação

Discord

lucid.app

 **Lucidchart**

Diagramação UML



FIM



Creditos



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