**GAT 108 – Automação Avançada – Avaliação 1 (AV1)**

Jean Paulo de Alvarenga

201621424

**Tarefa 1:**

Aqui é possível abrir o [link do vídeo](https://youtu.be/IBVH5lPYFCU) com a explicação do trabalho, o teste e sua usabilidade.

Aqui é possível abrir o [código fonte](https://github.com/JeanAlvarenga/Fabrica_Biscoitos) do projeto.

Diagrama UML do servidor

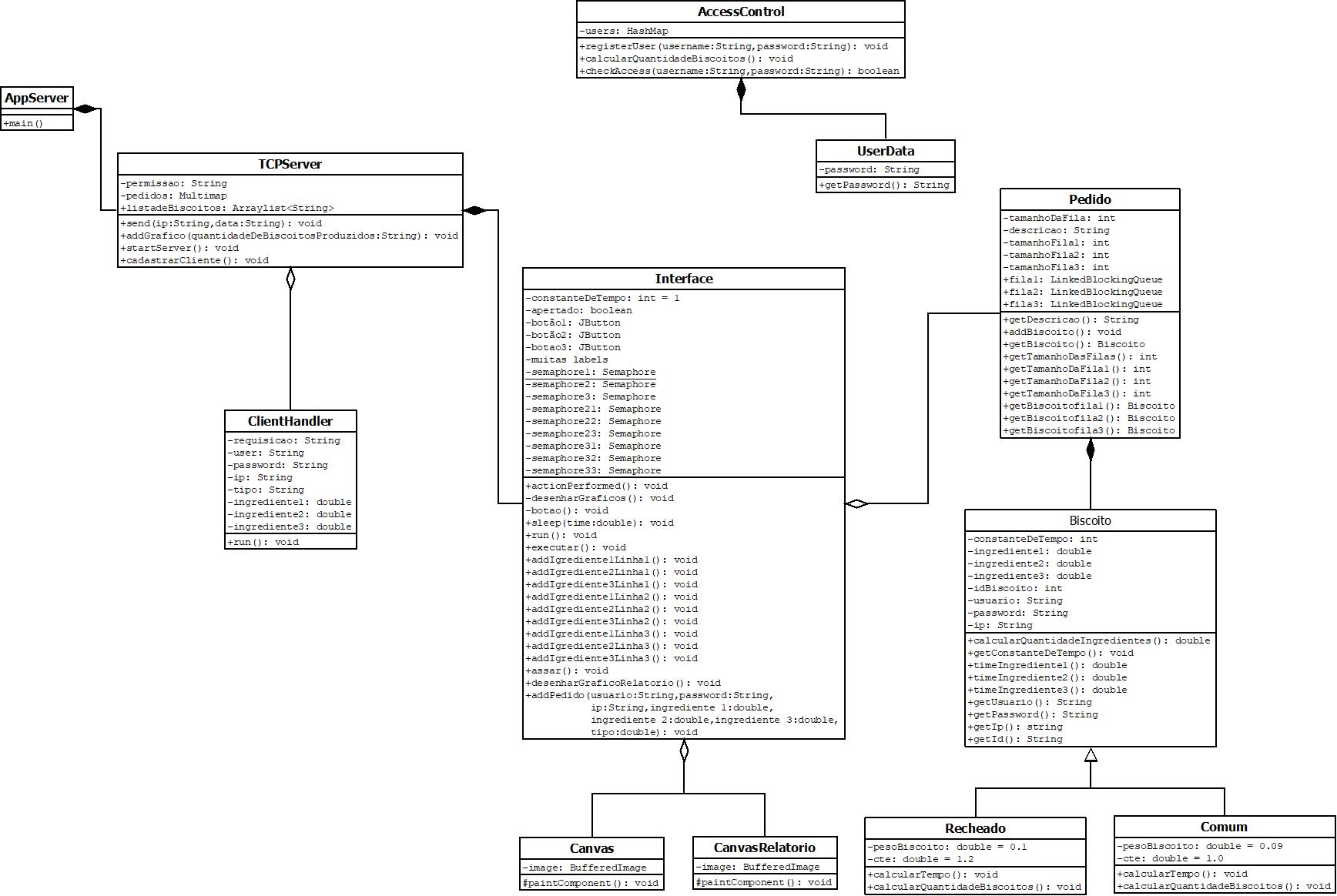


Imagem 1: diagrama UML do servidor.

Diagrama UML do servidor

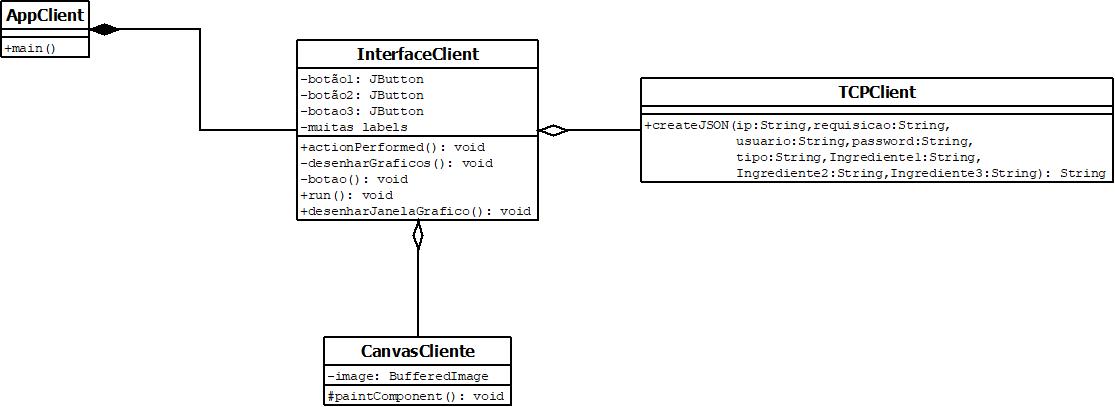


Imagem 2: diagrama UML do cliente.

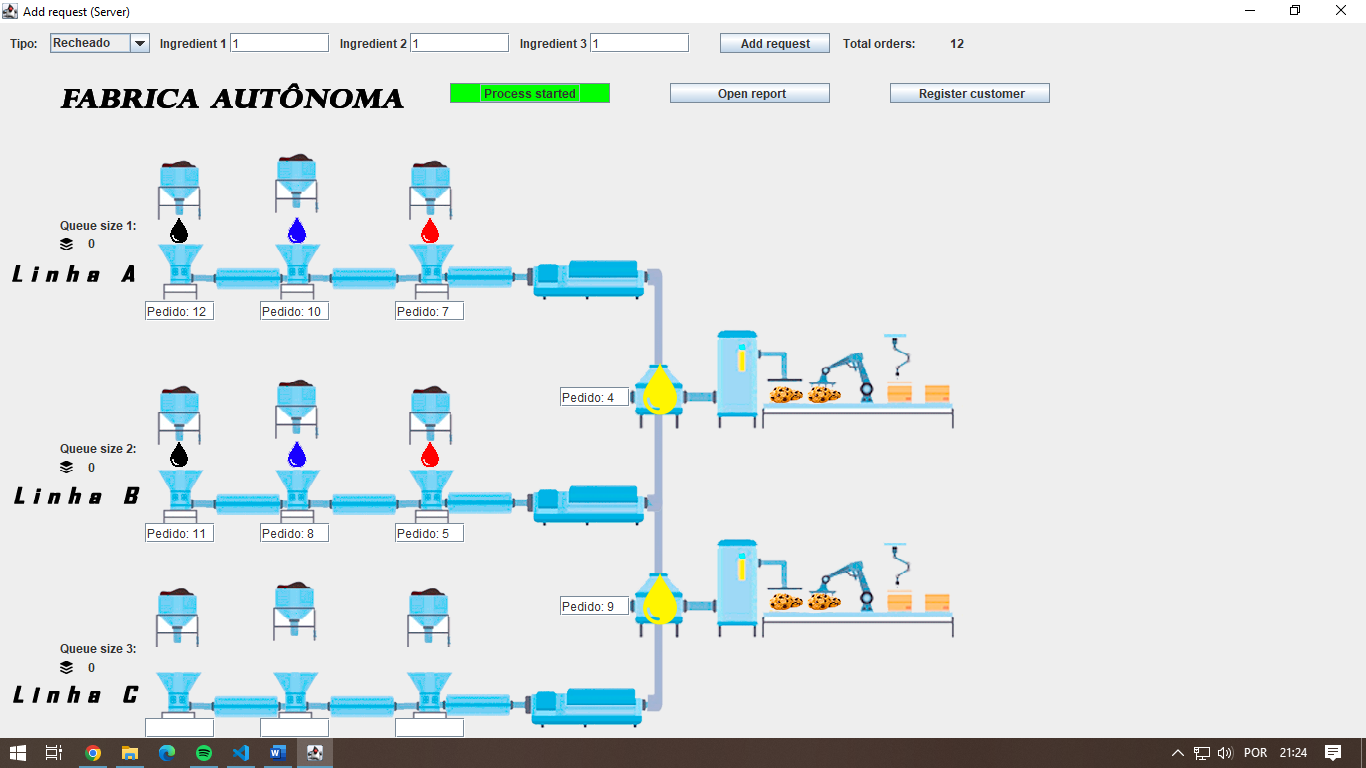


Imagem 3: Interface do servidor.

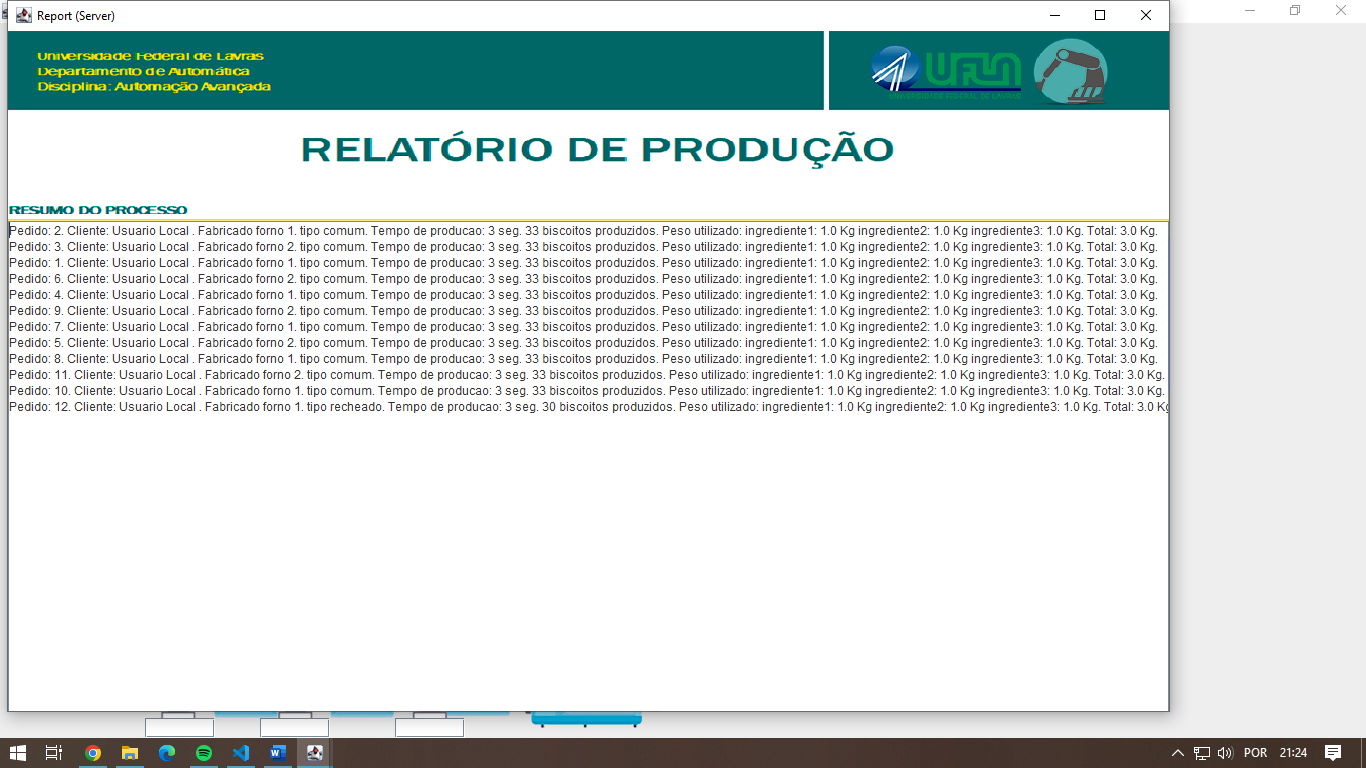


Imagem 4: Relatório do servidor.

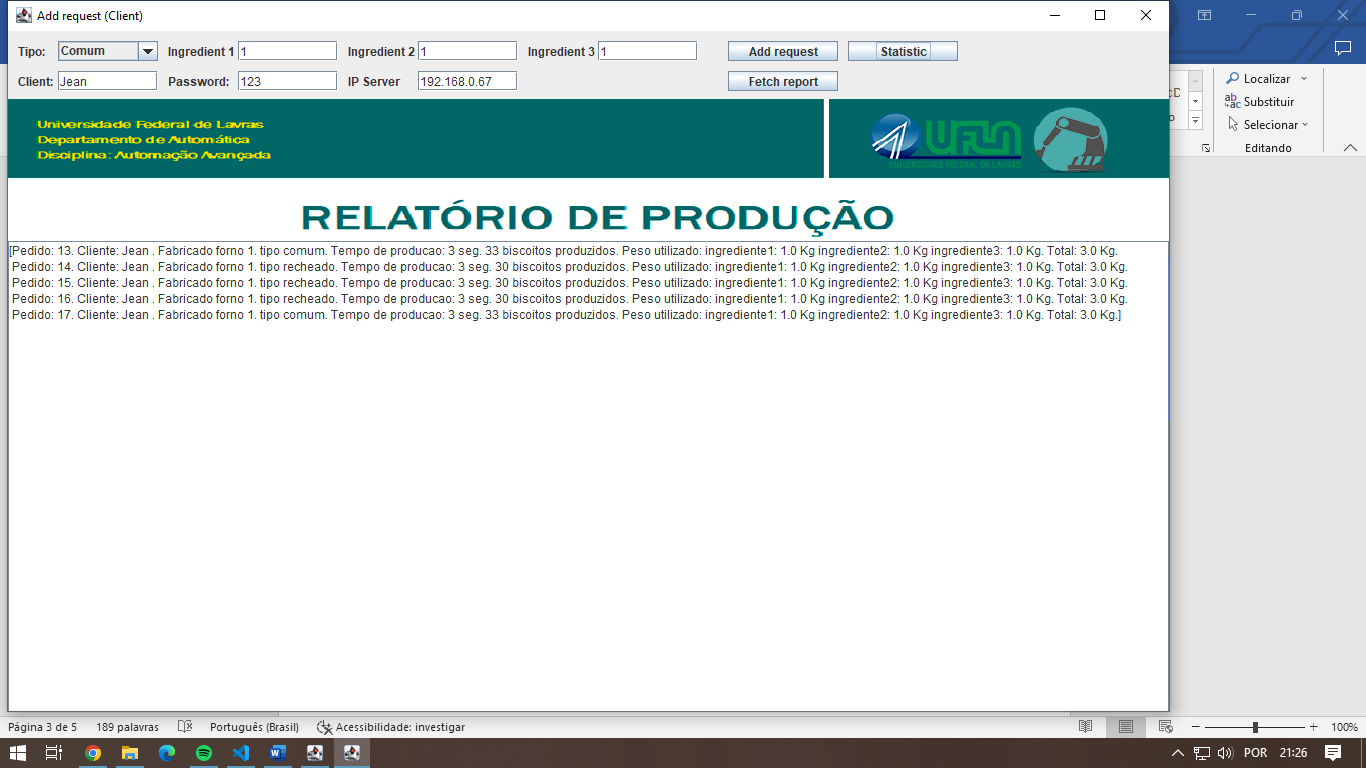


Imagem 5: Interface do Cliente.

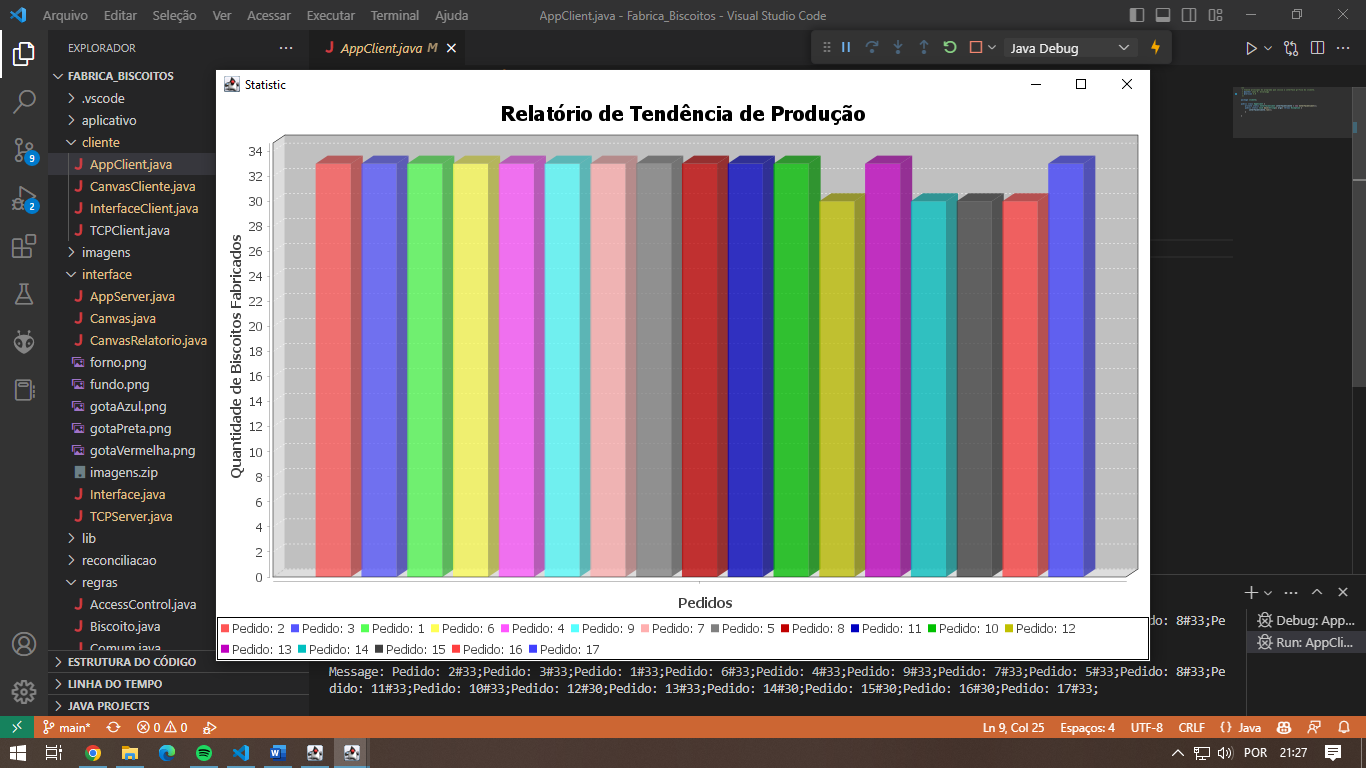


Imagem 6: Gráfico de Tendência do Cliente.

Tarefa 2: Aplicativo para uso em smartfones compatíveis com sistema Android

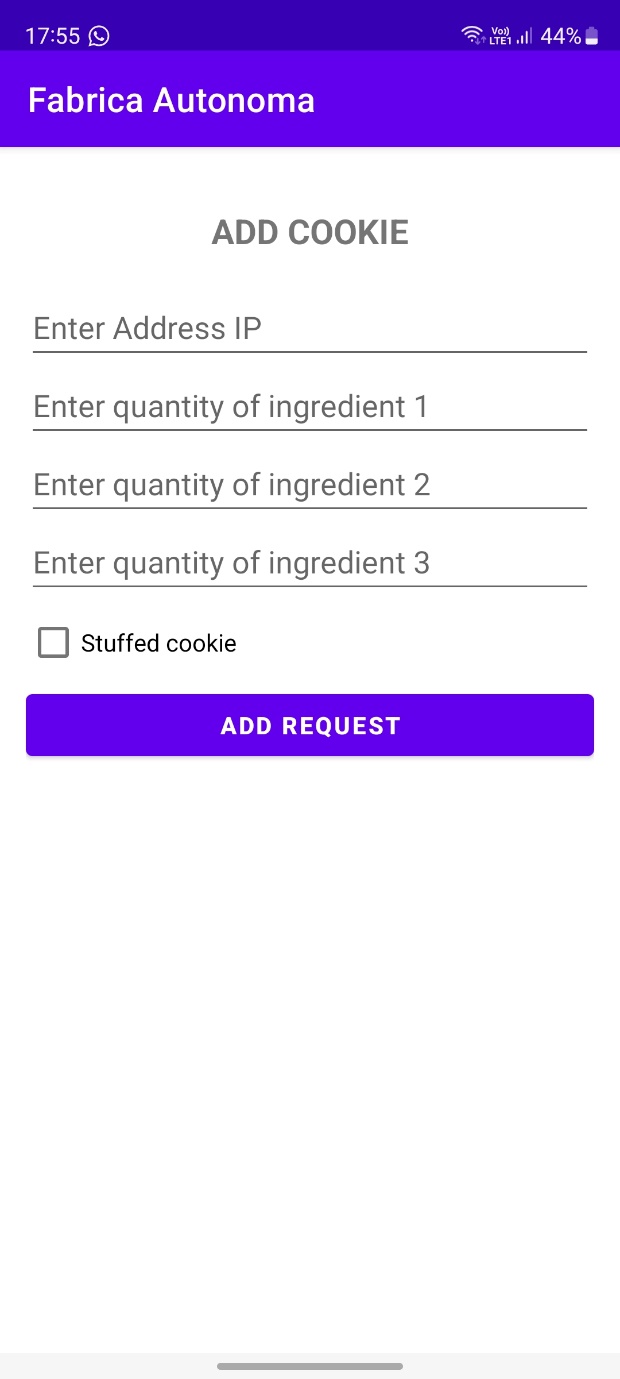


Imagem 7: imagem do aplicativo real.

**Resultados:**

Foi um projeto um tanto quanto desafiador, mas todas as tarefas foram realizadas com êxito. E o principal foi o aprendizado que este projeto pode proporcionar para o nosso processo de aprendizagem.

**Referências:**

[1] https://www.alura.com.br/conteudo/threads-java-1

[2] https://www.youtube.com/watch?v=MT3YNqDOTFQ&ab\_channel=RinaldoDev

[3] https://www.youtube.com/watch?v=HQh0Omi7k7s&t=1503s&ab\_channel=RinaldoDev

[4] https://www.youtube.com/watch?v=qkcalG2iNZc&t=460s&ab\_channel=programinhas

[5] https://www.youtube.com/watch?v=Nocv5aVR0K4&ab\_channel=programinhas

[6] https://www.youtube.com/watch?v=6DQp5iwGJ7s&ab\_channel=CarlosHenriqueJava

[7] https://www.youtube.com/watch?v=UI\_HnR3ZTd0&t=201s&ab\_channel=CarlosHenriqueJava

[8] https://www.youtube.com/watch?v=FKy4uU7C0EQ&ab\_channel=%C3%81reaTechBrasil

[9] https://www.youtube.com/watch?v=FKy4uU7C0EQ

[10] https://www.youtube.com/watch?v=gFaS7R1x85A

[11] https://www.youtube.com/watch?v=oeP\_NiajWME

[12] https://www.youtube.com/watch?v=0SyutmiLzj0&t=1159s

[13] https://www.youtube.com/watch?v=B\_zHvdkUXJg

[14] https://www.devmedia.com.br/swing-componentes-mais-importantes-e-suas-propriedades/16113

[15] Estruturas de Dados Filas e Pilhas - Prof. Luiz Merschmann

[16] https://www.youtube.com/watch?v=FEl2W1Mhkf0&ab\_channel=CarlosHenriqueJava

[17] https://www.devmedia.com.br/forum/como-eu-faco-2-botoes-com-2-actionlistener-actionperformed/567609

[18] https://docs.oracle.com/javase/tutorial/uiswing/layout/visual.html

[19] https://desenvolvimentoaberto.org/2014/04/04/visual-jtextarea-jscrollpane-java/

[20] https://www.youtube.com/watch?v=jCxpn5at3tE&ab\_channel=%C3%81reaTechBrasil

[21] https://www.youtube.com/watch?v=LWFSGs4CG6I&ab\_channel=ProgrammingExperts bom

[22] https://stackoverflow.com/questions/48796971/java-how-to-pass-json-object-over-a-socket

[23] https://www.youtube.com/watch?v=7QNJvxXCYOY&ab\_channel=ProgrammingExperts bom

[24] https://www.youtube.com/watch?v=bjt7NJMr624&ab\_channel=sep1213

[25] https://www.youtube.com/watch?v=6kPOhWqHqZc&ab\_channel=ProgrammingExperts

[26] https://www.youtube.com/watch?v=tFWafDW-T90&list=PLmpc3xvYSk4zQ6ejB\_JKe1hSh9FrfYSlk&index=58&ab\_channel=CaveofProgramming

[27] https://www.youtube.com/watch?v=BQ2m2HAPjR0&ab\_channel=%C3%81reaTechBrasil

[28] https://www.youtube.com/watch?v=mKzud0KdRMg&ab\_channel=DaviFontenele

[29] https://www.tabnine.com/code/java/methods/org.json.JSONObject/getDouble

[30] https://stackoverflow.com/questions/10069059/is-it-possible-to-run-a-socket-server-and-socket-client-on-the-same-machine

[31] https://www.youtube.com/watch?v=5lNQLR53UtY&ab\_channel=Foxandroid

[32] https://www.youtube.com/watch?v=yzLx7GYf2xE&t=1732s&ab\_channel=CodingUTBM

[33] JFreeChart, criando gráfico de barras - https://www.youtube.com/watch?v=BkSayXDdRFQ&ab\_channel=CarlosHenriqueJava