

Trabalho Final

Linguagem de Programação II e Estruturas de Dados II

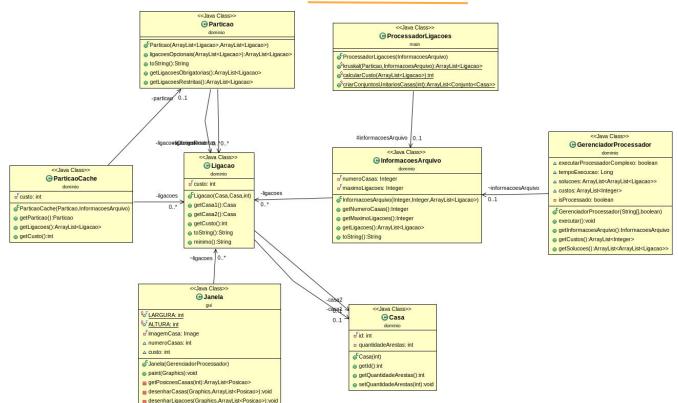
Grupo:

- → Deyvid William Silva de Medeiros
- → Guilherme Euller Dantas Silva
- → Nathãn Vitor de Lima





👺 Diagrama de Classes



desenharCustoTotal(Graphics):void





👺 Diagrama de Classes

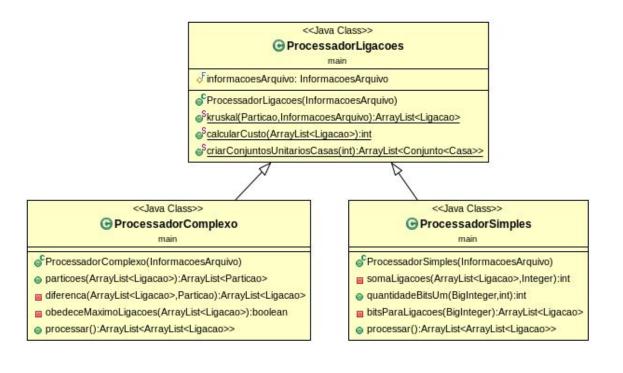






Diagrama de Classes

<<Java Class>>

LeitorArquivos()

SparseArgs(String∏):String

aSlerArquivo(String):InformaçõesArquivo

<<Java Class>> PrintFile PrintFile() SqenerateFile(GerenciadorProcessador):void SgetBiggerSize(ArrayList<ArrayList<Ligacao>>):int[] SgetCaracter(int,char):String SgetBiggerCost(ArrayList<Integer>):int

<<Java Class>> ⊕ Conjunto<T> dominio Fitem: T a rank: int Conjunto(T) a getItem() getRank():int setRank(int):void o union(Conjunto<T>):void ■ link(Conjunto<T>):void find():Conjunto<T> areMerged(Conjunto<T>):boolean

<<Java Class>> Arquivolnvalido excecao ArquivoInvalido(String)

<<Java Class>> <<Java Class>> Posicao Main pFx: int Main() p v: int Posicao(int,int)

getX():int

getY():int





Etapa 1





Kruskal









K-best





```
List = \{A\}
Calculate_MST (A)
while MST ≠ Ø do
     Get partition P_s \in \text{List} that contains the smallest spanning tree
     Write MST of P_s to Output File
     Remove Ps from List
                                               PROCEDURE PARTITION (P)
     Partition(P_s).
                                               P_1 = P_2 = P;
                                               for each edge i in P do
                                               if i not included in P and not excluded from P then
                                                     make i excluded from P_i;
                                                     make i included in P_2;
                                                     Calculate MST (P1);
                                                     if Connected (P_I) then
                                                        add P1 to List;
                                                    P_1 = P_2;
```





Etapa 2





Obrigado!

