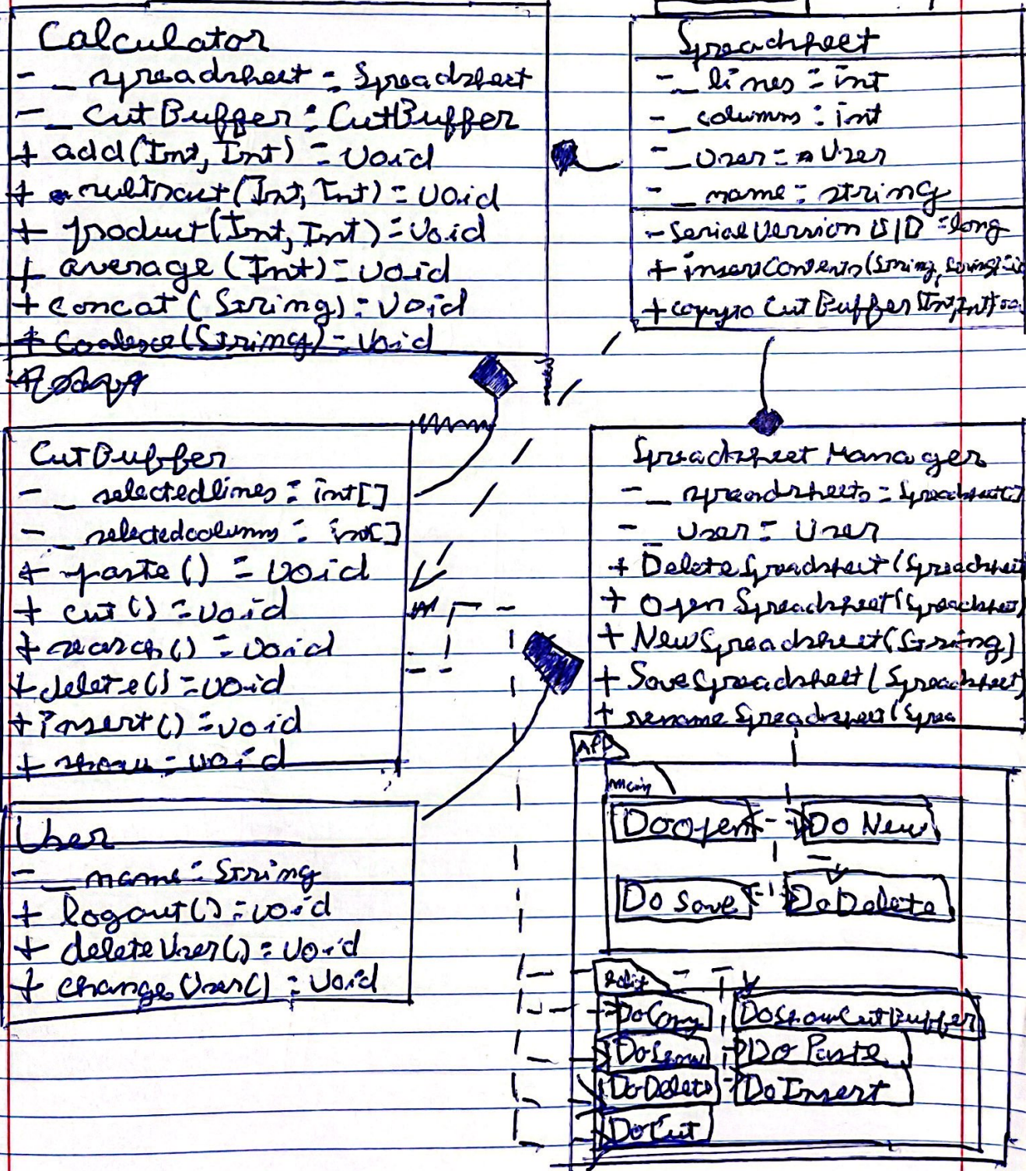Declaro por minha honra que este diagrama
foi realizado apenas pelos elementos que cons-
tituem o grupo de projeto. Miguel Rego 104779

XXl - Core (parte 1)

Calculator
- _ spreadsheet : Spreadsheet
- _ CutBuffer : CutBuffer
+ add (Int, Int) : Void
+ subtract (Int, Int) : Void
+ product (Int, Int) : Void
+ average (Int) : Void
+ concat (String) : Void
+ Coalesce (String) : Void
+ ~~...~~

Spreadsheet
- _ lines : int
- _ columns : int
- _ User : a User
- _ name : string
- SerialVersionISID : long
+ insertConvents (String, string)
+ copyto CutBuffer String int int

CutBuffer
- _ selectedlines : int[]
- _ selectedcolumn : int[]
+ paste () : Void
+ cut () : Void
+ search () : Void
+ delete () : Void
+ insert () : Void
+ show : void

Spreadsheet Manager
- _ spreadsheets : Spreadsheet[]
- _ User : User
+ DeleteSpreadsheet (Spreadsheet)
+ OpenSpreadsheet (Spreadsheet)
+ NewSpreadsheet (String)
+ SaveSpreadsheet (Spreadsheet)
+ rename Spreadsheet (Spre

User
- _ name : String
+ logout () : void
+ deleteUser () : Void
+ changeUser () : Void

Java
Serializable

APD

main
| DoOpen | DoNew |
| Do Save | DoDelete |

edit
DoCopy	DoSaveCutBuffer
DoSearch	DoPaste
DoDelete	DoInsert
DoCut

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XXd - core (parte 2, Exceptions)

Exceptions

UnavailableFileException
- SerialVersionUID : long
- ERROR_MESSAGE : String
+ UnavailableFileException(String)
+ getFileName() : String

ImportFileException
- serialVersionUID
- ERROR_MESSAGE : String
+ ImportFileException(String)
+ ImportFileException(String, Exception)

UnrecognizedEntryException
- serialVersionUID : long
- entrySpecification : String
+ UnrecognizedEntryException(String)
+ UnrecognizedEntryException(String, Exception)
+ getEntrySpecification() : String

MissingFileAssociationException
- SerialVersionUID : long

Java
Exception