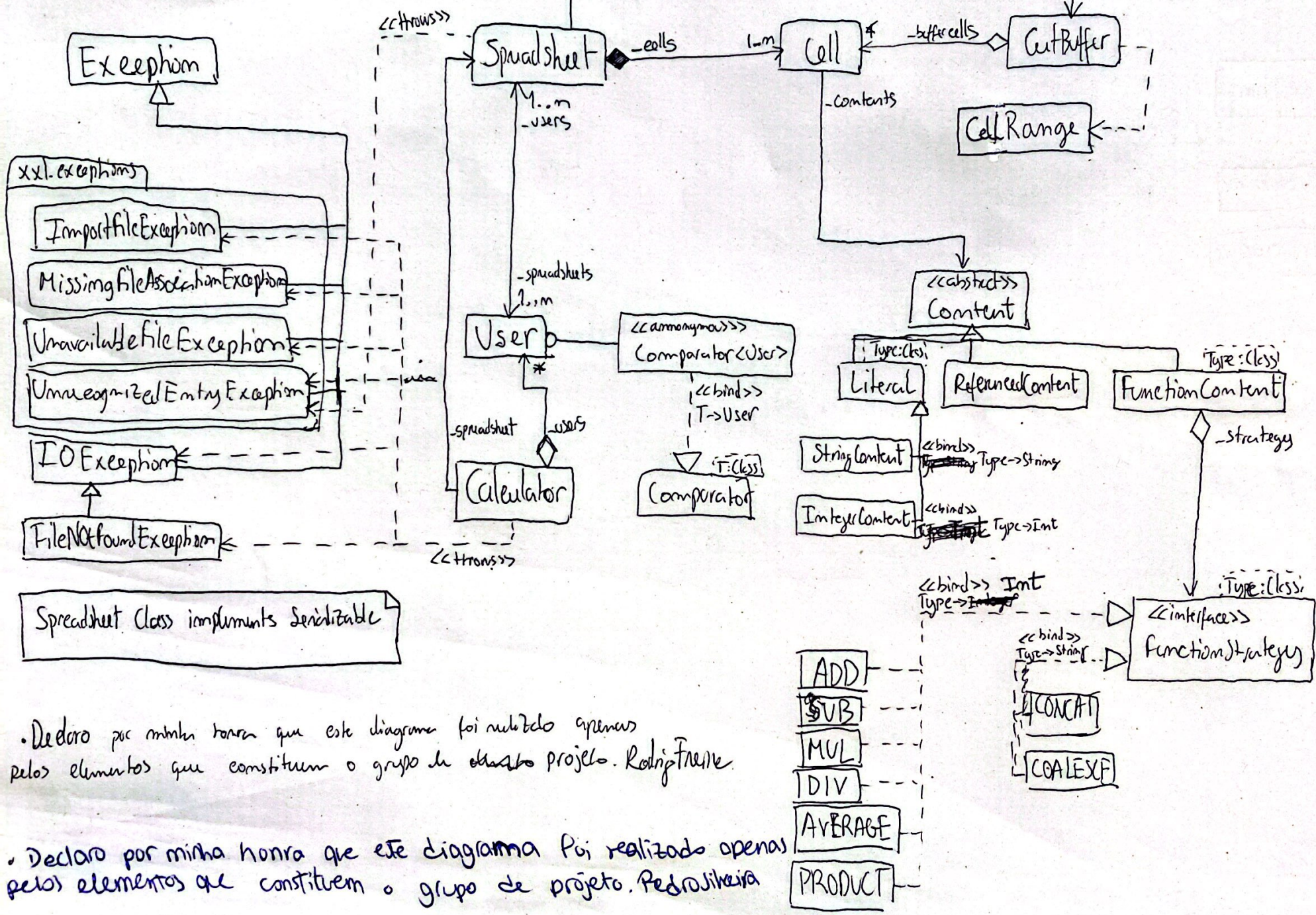


XXL





## Spreadsheet

```

+ insertContents (rangeSpecification: String, contentSpecification: String): void
+ copyContents (rangeSpecification: String): void
+ pasteContents (rangeSpecification: String): void
+ cutContents (rangeSpecification: String): void
+ deleteContents (string rangeSpecification: String): void
+ showContents (rangeSpecification: String): void Collection<String>
+ showCutBuffer(): Collection<String>
+ findFunction (functionName: String): Collection<String>
+ findValue (value: int long): Collection<String>
    
```

## Cell

```

+ insert (content: Content): void
+ delete(): void
+ show(): String
    
```

## Literal

```

- content: Type
    
```

## User

```

- name: String
    
```

## Cut Buffer

```

+ copy (range: CellRange): void
+ cut (range: CellRange): void
+ paste (range: CellRange): void
    
```

## Referenced Content

```

- index: int
    
```

## CellRange

```

- index-first: int
- index-last: int
    
```

## Calculator

```

+ save(): void
+ saveAs (filename: String): void
+ load (filename: String): void
+ importFile (filename: String): void
+ createSpreadsheet(): Spreadsheet
+ removeSpreadsheet (spreadsheet: Spreadsheet): void
    
```

## Content

```

+ <<abstract>> evaluate(): void
    
```

## FunctionContent

```

+ executeOperation (op1: Content, op2: Content): T
+ executeOperation (range: CellRange): T
    
```

## FunctionStrategy

```

+ execute (void op1: Content, op2: Content): T
+ execute (range: CellRange): T
    
```

. Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto. Reda Silveira

. Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto. Rodrigo Faria