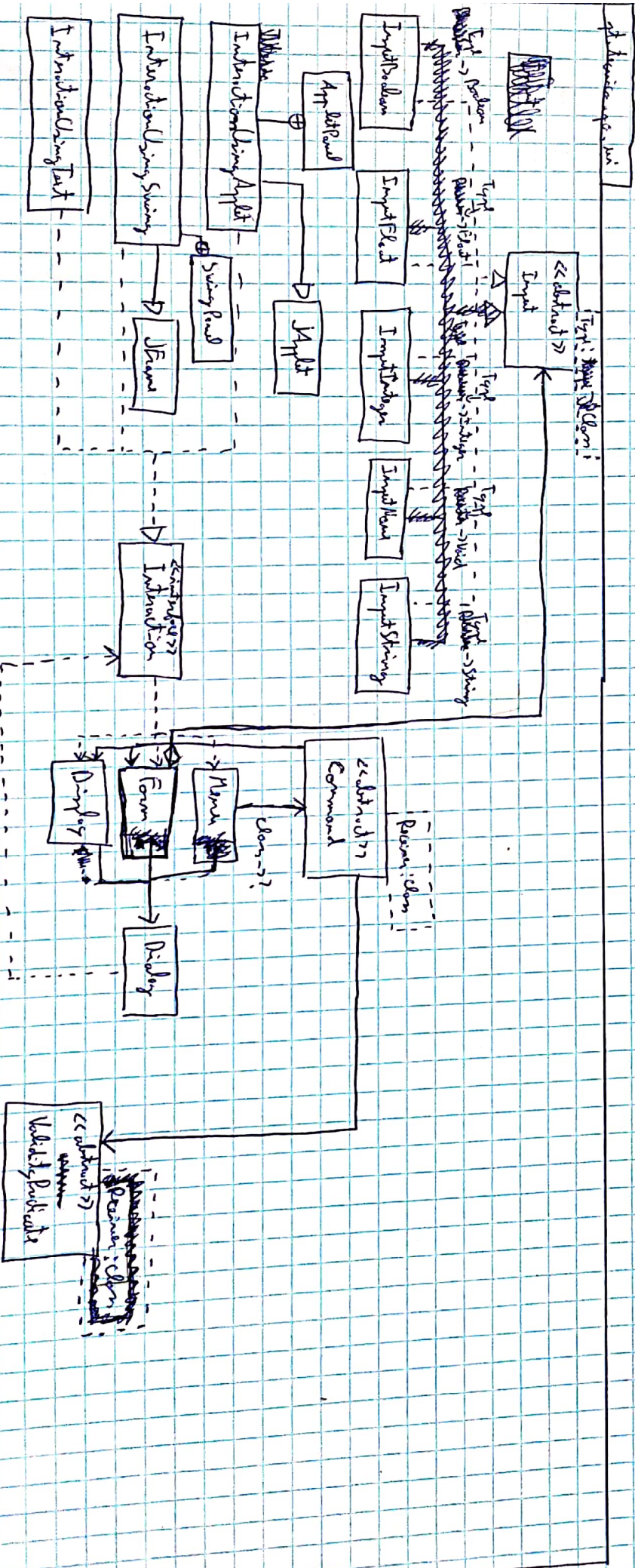


Declaro por minha honra que este diagrama foi realizado apenas pelos elementos que constituem o grupo de projeto, Sauana Marques

Declaro por minha honra, que este diagrama foi realizado apenas pelos membros que constituem o grupo de projeto, Ula Ivo



<< interface >>
Interaction

```
main(Mem): void  
form(form): void  
message(display: Display): void  
settitle(title: String): void  
clear(): void
```

InteractionUsingApplet

```
main(String[] args): void
```

```
main(): void  
message(s: String, title: String): void  
applet
```

InteractionUsingSwing

```
main(String[] args): void
```

```
main(): void  
message(s: String, title: String)
```

InteractionUsingText

```
- in: BufferedReader  
- out: PrintWriter  
- log: PrintWriter  
- writeInput: boolean
```

```
InteractionUsingText()  
closeDown(): void  
readInteger(prompt: String): int  
readString(prompt: String): String  
putln(text: String): void  
putln(text: String): void
```

Menu

```
- title: String  
- commands: Command[]  
- in: Display
```

```
Menu(in: Display, title: String, commands: Command[])  
Menu(title: String, commands: Command[])  
title(): String  
in(): Display  
in(in: Display): Command[]  
setIn(in: Display): Command[]  
getIn(): Display
```


Command

```

- prompt: String
- regex: String
- clear: boolean
- value: Type

prompt(): String
input()
input(prompt: String, regex: String)
set(value: Type): void
value(): Type
clear(): void
clear(): boolean
clear(): boolean
prompt(prompt: String): boolean
regex(): String

```

Dialog

```

ACTION_SWING: String = "swing"
ACTION_TEXT: String = "text"
IO: Dialog
- subsystem: Interaction

Dialog()
Dialog(action: Interaction)
getTitle(): String: void
main(): void
form(): Form: void
message(): Display: void
close(): void

```

Display

```

- ui: Dialog
- title: String = ""
- text: String = ""

Display()
Display(title: String)
Display(ui: Dialog, title: String)
addText(text: String): Display
addLine(text: String): Display
addNewLine(text: String, force: boolean): Display
getTitle(): String
getText(): String
display(force: boolean): void
display(): void
prompt(key: Object): void

```

Form

```

- ui: Dialog
- title: String
- labels: List<Input>: List<?>

Form()
Form(title: String)
Form(ui: Dialog, title: String)
getTitle(): String
actions(): Collection<Input>: List<?>
getTitle(): String
addLine(input: Input): boolean
addBooleanInput(label: String): Input<boolean>
addStringInput(label: String): Input<String>
addFloatInput(label: String): Input<Float>
addIntegerInput(label: String): Input<Integer>
prompt(): void
prompt(label: boolean): void
clear(): void

```

Input

```

- prompt: String
- regex: String
- clear: boolean
- value: Type

prompt(): String
input()
input(prompt: String, regex: String)
set(value: Type): void
value(): Type
clear(): void
dirty(): void
clear(): boolean
prompt(prompt: String): boolean
regex(): String

```

InputBoolean

```

InputBoolean()
InputBoolean(prompt: String)

```

InputString

```

InputString()
InputString(prompt: String)

```

InputFloat

```

InputFloat(prompt: String)

```

InputInteger

```

InputInteger(prompt: String)

```


CompositePrintStream
- streams: Collection<PrintStream> - error: boolean = false
CompositePrintStream()
add(PrintStream) void

RuntimeEOFException
serialVersionUID: long = 200670297655L
RuntimeEOFException()
RuntimeEOFException(msg: String)