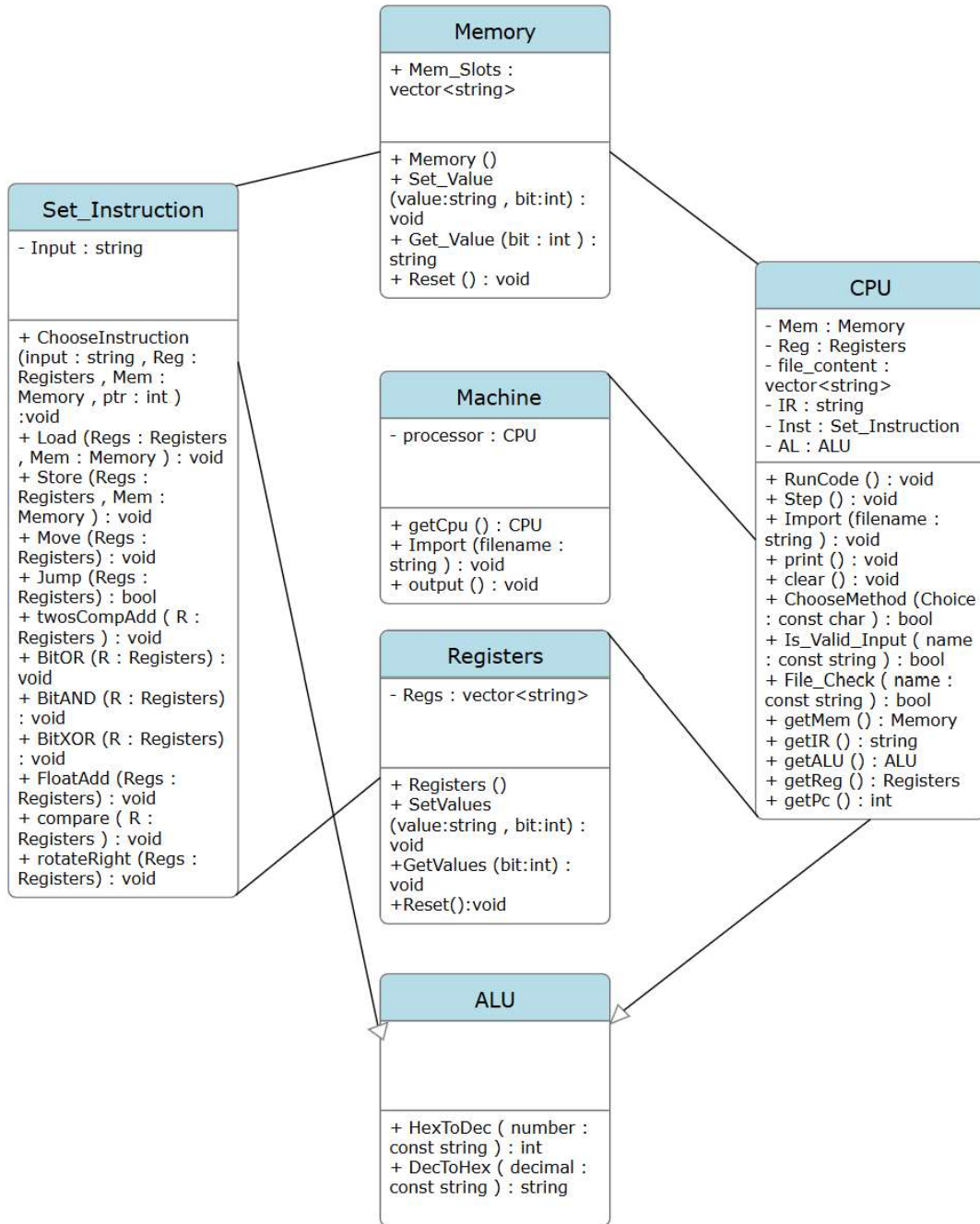




Cairo University
Faculty of Computers and Artificial
Intelligence
CS-213
second year
Assignment 1 - Task4,5
Subjected To: Dr Mohamed EL Ramly

Youssef Hossam Ibrahim Abbas	20230490
Mario Dawod Botros	20230304
Mohamed Ashraf Saeed	20230320

UML design for the relation of the classes:



Work break-down table:

The whole team collaborate in each function to create the vole machine perfectly but to be more specified:

Mario Dawod Botros	Youssef Hossam Ibrahim	Mohamed Ashraf saeed
Did all the header and implementation of these classes 1. CPU 2. Registers 3. Memory And the headers of 1. ALU 2. Set_Instructions	Did these instructions 1. Float addition 2. Bitwise OR 3. Bitwise XOR 4. Bitwise AND 5. Jump with two's complement	Did the GUI And these instructions 1. Two's complement addition 2. Jump 3. The copy instructions

GitHub Work:

vole-machine Private

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About: No description, website, or topics provided.

Activity: 0 stars, 1 watching, 0 forks

Releases: No releases published. [Create a new release](#)

Packages: No packages published. [Publish your first package](#)

Contributors: 2

- Mohamed Ashraf
- Youssef Hossam Ibrahim

Languages: C++ 100.0%

Suggested workflows: Based on your tech stack

- [SLSA Generic generator](#) - Generate SLSA3 provenance for your existing release workflows
- [C/C++ with Make](#) - Build and test a C/C++ project using Make.

File	Author	Last Commit
.gitignore	Mario Dawod	2 days ago
ALU.cpp	Mario Dawod	2 days ago
ALU.h	Mario Dawod	2 days ago
CPU.cpp	Mario Dawod	2 days ago
CPU.h	Mario Dawod	2 days ago
FloatingAdd	Suiiiiiiii	last week
Memory.cpp	Suiiiiiiii	last week
Memory.h	Suiiiiiiii	last week
Program.cpp	Suiiiiiiii	last week
Program.h	Suiiiiiiii	last week
Registers.cpp	Suiiiiiiii	last week
Registers.h	Suiiiiiiii	last week
Registers.h	Suiiiiiiii	last week
Set_Instruction.cpp	Mario Dawod	2 days ago
Set_Instruction.h	Mario Dawod	2 days ago
Validation	Mario Dawod	2 days ago
Validation.cpp	Mario Dawod	2 days ago
file.txt	Suiiiiiiii	last week
mario	Mario Dawod	2 days ago
output.txt	Suiiiiiiii	last week
test.txt	Mario Dawod	2 days ago
test1	Suiiiiiiii	last week
test1.cpp	Suiiiiiiii	last week