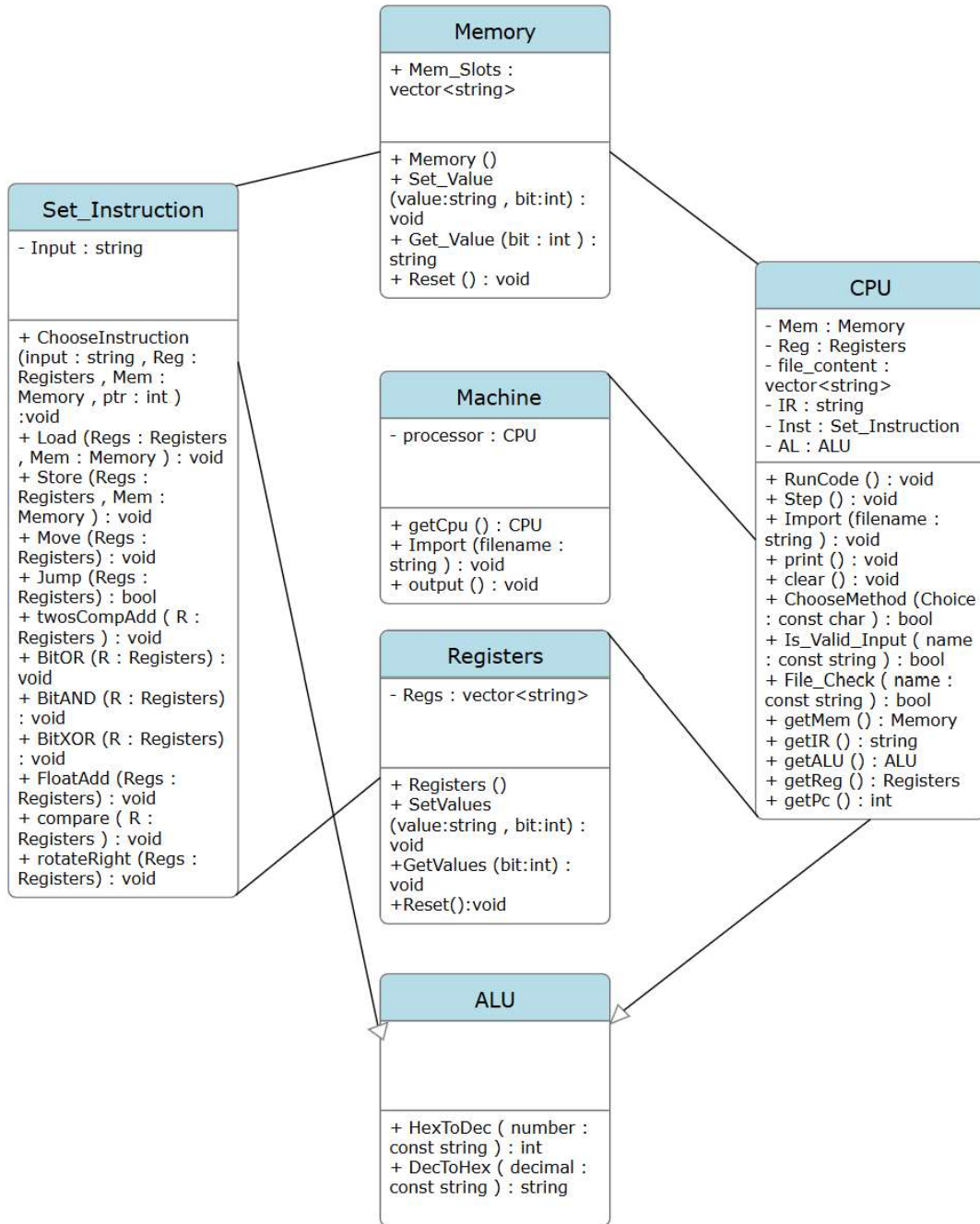




Cairo University
Faculty of Computers and Artificial
Intelligence
CS-213
second year
Assignment 1 - Task4,5
Subjected To: Dr Mohamed EL Ramly

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

UML design for the relation of the classes:



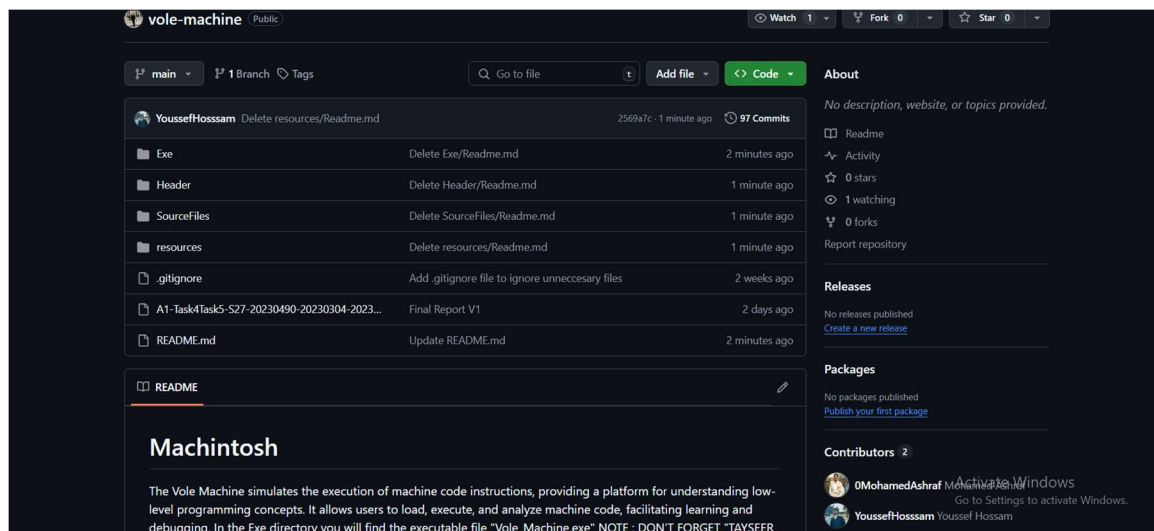
Work break-down table:

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 <ol style="list-style-type: none">1. CPU2. Registers3. Memory And the headers of <ol style="list-style-type: none">1. ALU2. Set_Instructions	Did these instructions <ol style="list-style-type: none">1. Float addition2. Bitwise OR3. Bitwise XOR4. Bitwise AND5. Jump with two's complement	Did the GUI And these instructions <ol style="list-style-type: none">1. Two's complement addition2. Jump3. The copy instructions

GitHub Work:

<https://github.com/mario985/vole-machine>



Video Link:

<https://www.youtube.com/watch?v=RbV5RSfYBn0>

Snapshots of the GUI program:

