1. David dealt with **Main decoder, Program counter** and **combine all subcomponents to** achieve final single Cycle CPU circuit. And also, he wrote tests.
2. Samir dealt with **ALU decoder, Function encoder** and helped other parts of main circuit.
3. Habil dealt with **ALU decoder, Flag decoder, Extender, ALU fixes** and mainly challenged with test, converted them into machine format.
4. Farid dealt with **Conditional logic, condition check** and mainly challenged with test, converted them into machine format.