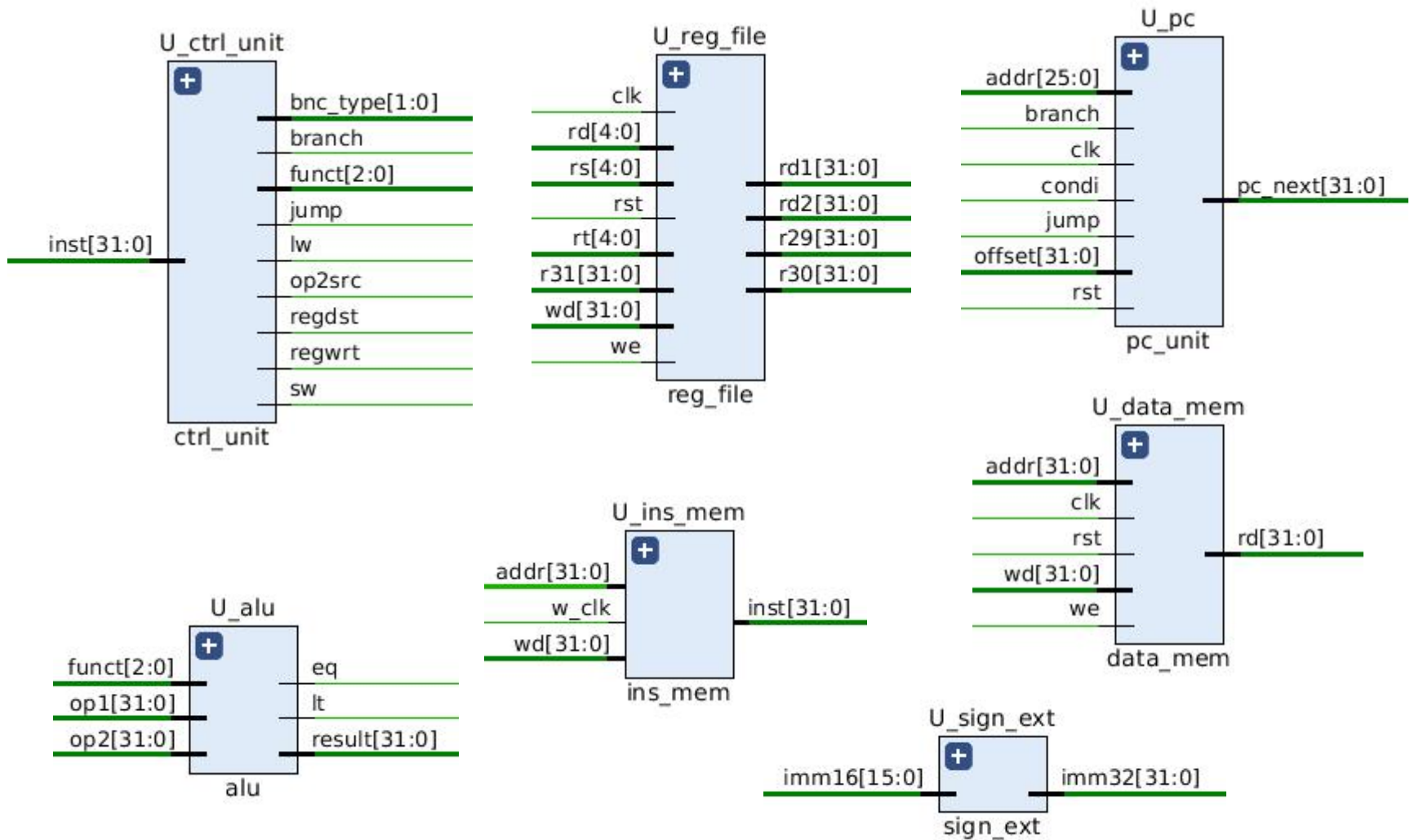


Processor components



Processor components

- Created the Top Module (CPU)
- Designed the components (PC, Ctrl Unit, Inst Mem, Reg File, ALU, Data Mem)
- 1000 random test cases for each components
- Added useful modules for hardware implementation (Rst Unit, Sign-ext, Seg-LED, BTN_Debounce)
- Simulation on the sample codes
- Simulations on other self-created codes
- Completed RC5 codes.