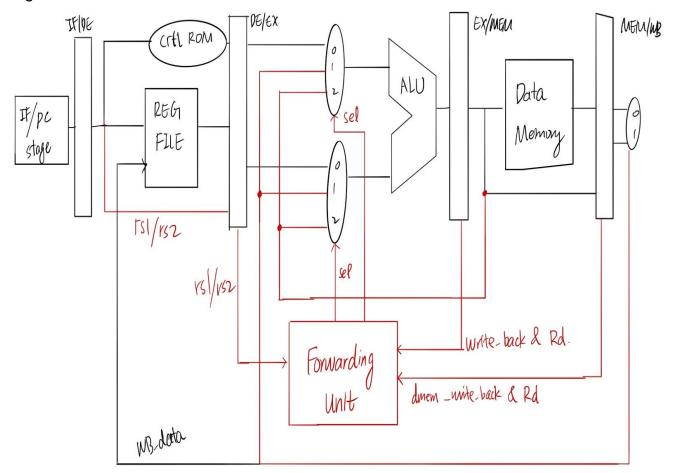
Hazard detection

1. WB.dr == ID.sr: WB to ID forwarding

2. WB.dr == EX.sr: WB to EX forwarding

3. MEM.dr == EX.sr: MEM to EX forwarding

Diagram:



Notes:

- 1.There are two *write_back & rd* wire which is from *reg-reg* operation and data memory operations.
 - 2.RS1/RS2 information is got from IR_data.
 - 3. The diagram has overall been simplified

Forwarding logic: