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CSCE 3301-01

30th of April, 2023

RV32I PIPELINED IMPLEMENTATION JOURNAL

April 16, 10:30 AM: Added Pipelined Registers for the single-cycle architecture to support all instructions.

April 18, 3:00 PM: Added Forwarding and Hazard Unit to remove hazards except for the control hazards.

April 21, 5:15 PM: Fixed error in single memory architecture
Tested and validated with the Complete Test Suite with incorrect results yielded

April 24, 3:00 PM: Removed Data Hazard Detection Unit
Introduced the M extension