

ICS 233 – Computer Architecture & Assembly - Term 082 – Spring 2009

Pipelined Processor Project Evaluation Form

| | Student Name / ID | Grade | Remarks | Bonus/Penalty |
|----------------|-------------------|-------|---------|---------------|
| Members | | | | |
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| | Section | Grade | Max | Remarks |
|--|---|-------|-----|---|
| Components and Control (40 pts) | ALU Implementation | | 10 | Instructions are tested separately |
| | Register File Implementation | | 5 | |
| | Correct implementation of individual ALU instructions (R-type and I-type) | | 10 | |
| | Correct implementation of LW and SW instructions. | | 5 | |
| | Correct implementation of BEQ, BNE, and J instructions | | 5 | |
| | Correct implementation of JAL and JR instructions | | 5 | |
| Pipelining (40 pts) | Pipelined Datapath and Control | | 10 | |
| | Forwarding implemented properly | | 10 | |
| | Stalling pipeline (load delay, branch) | | 10 | |
| | Enough test cases provided | | 10 | |
| Report (20 pts) | Writing Style, Spelling, Grammar | | 5 | |
| | Design Description & Drawings | | 5 | |
| | Test cases, verifying correct execution | | 5 | |
| | Describing group work, meetings, and contributions of the group members | | 5 | |