Laboratory Report 5 Check-List

Computer Science 152

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I Written Laboratory

A ❍ Abstract
- 1 ❑ 1/2 Page of Summary of the laboratory
- 2 ❑ List of all the members
- 3 ❑ Short summary of what each member did for the laboratory

B ❍ VHDL Listing
- 1 ❑ List of names of VHDL modules
- 2 ❑ Indicate by the VHDL module names; if altered or newly added
- 3 ❑ Print out of altered VHDL source codes
- 4 ❑ Print out of new VHDL source codes

C ❍ Datapath schematics
- 1 ❑ Schematics of the whole design
- 2 ❑ Magnified view of sections of the schematics if necessary
- 3 ❑ Internal schematics if necessary

D ❍ Copy of Online Log Book
- 1 ❑ Summary sheet for the notebook
  - Indicate how long each members spent for the project
  - Make a easy to use table of content with index of things done by each users
- 2 ❑ Copies of notebook that can be looked up using the Summary sheet

E ❍ Memory dump of running your diagnostic programs
- 1 ❑ Summary for diagnostics
  - Indicate the purpose of diagnostic programs
  - Preferably on one page for all the programs
- 2 ❑ Copy of diagnostic programs
- 3 ❑ Print out of Memory dump

F ❍ Memory dump of running Mystery prgram
- 1 ❑ Print out of Memory dump

G ❍ Extra Credit
- 1 What more did you do?
- 2 Attach the summary sheet also

H ❍ Comments

II Oral Laboratory

A ❍ Individual Oral Reports (about 7 minutes)
- 1 ❑ Each members are to give 1-2 minute oral report of what they did
- 2 ❑ Absentees must inform TAs before the review
  - Frequent absence will be noted
- 3 ❑ Please be prepare to make it within 2 minutes (General summary)
  - While other members are making their report other members may help or prepare to do the next part of the Review

B ❍ Datapath (2-3 minutes)
   1 ❑ What changes were made
   2 ❑ How did the design react to changes
   3 ❑ If problems, how did you compensate for them
C ❍ Hazards (2 minutes)
   1 ❑ Data hazards
      - Specific hazard cases
      - How they were compensated
   2 ❑ Control hazards
      - Specific hazard cases
      - How they were compensated
D ❍ Mystery program and/or Diagnostic program run-through (3-5 minutes)
   1 ❑ Explain script
   2 ❑ Show the important signals generated (waveview)
   3 ❑ Show the correct memory dump
E ❍ Extra Credits
   1 What did you do? and why?
F Any comments