



Lecture 20

Guideline for Presentation and Report

Xuan 'Silvia' Zhang
Washington University in St. Louis

<http://classes.engineering.wustl.edu/ese566/>

Class Project Proposal



- Due on Monday 4/10 by noon
- Submit initial project proposal
 - system block diagrams
 - details of functional unit and interfaces
 - targeted metric for design optimization (e.g. power, area, latency, throughput)
 - proposed techniques to implement
 - details of testbench (e.g. how to feed data, simulation)
 - timeline and deliverables
 - division of labor, individual contribution
- Commit/upload to Git repository as **README.md**

Class Project Presentation (4/24 and 4/26)



- 20min spot during lecture time
- Presentation order
 - team 1 to team 7
- Suggested contents
 - one brief intro slide
 - focus on system architecture, design methodology, and functionality demo
 - what is the target design metric to optimize
 - what techniques you have applied
 - show simulation results that support desired functionality
 - one summary slide includes estimation on power, area, speed, and execution latency

Class Project Report



- Due on 5/8 11:59pm
- Submit on GitHub as a pdf file
- Include all source code, design script (.tcl) and testbench code
- Report should use IEEE two column format
 - https://www.ieee.org/conferences_events/conferences/publishing/templates.html
- Suggested sections
 - introduction (motivation, prior work, summary/ highlights of your work)
 - system architecture and design methodology
 - implementation
 - simulation results
 - performance summary
 - future direction and conclusion



Questions?

Comments?

Discussion?