Multicore Processors: Architecture & Programming
Report 2: Literature Survey and Roadmap

I hope you are enjoying the project and building your research skills along the way. What I care about is that you learn a lot, you practice, and then show your imagination as a researcher and computer scientist.

From that point on, the submitted report must look like a research paper in its format. That is, a format similar to #7 in the reading list posted on the web site (Title, authors and emails, two columns, the way references are cited, etc).

Let’s have the sections of your report as follows (you will not fill-in all of them in that report so don’t worry!):

- **Abstract:** Write 1 paragraph summarizing your problem.
- **Introduction:** Expand the abstract to include why the problem you are solving is important.
- **Literature survey:** This is the main part in this report. Feel free to organize this section in any way you want and include any subsections you want and draw any Figures you like. But you need to discuss at least the following items:
  - What did others do regarding your problem at hand?
  - What are the pros and cons of what they are doing?
  - Why their work is not enough and your proposed project is needed?
- **Proposed Idea:** Leave it empty this time.
- **Experimental Setup:** Explain in details the setup you will be using (languages, simulator if any, …). You need to justify any choice. Also you need to mention the benchmarks you are using (if your project involves benchmarks) and why you are using those? Include any references needed for any benchmarks and tools you will be using.
- **Experiments and Discussion:** Leave it empty this time.
- **Conclusion:** Leave it empty this time.
- **Future Work:** This is the roadmap of your project. I want to see a bulleted list of what you intend to do from that point till the end of the project.
- **References:** In the same format as #7 in the reading list. Include here all the references you mentioned.

Good Luck Folks!