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Notes on project report

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You are required to write a technical report based on the paper that you selected. The report is formatted like a technical paper (similar to the paper you are reviewing). There is no page limit. Your main purpose is to conduct a critical evaluation of the paper. Your report should include the following 11 sections:

1. Title
2. Introduction (In this section, you should give an introduction and background to the problem, what is the purpose and the significance of the problem in industrial control).
3. Statement of the problem (Formally state the problem, make necessary assumptions on the system and its environment, on the controller, etc.).
4. Literature survey (Conduct an independent literature survey and state the relevance of the paper with other reported studies).
5. Development of the theory (Derive the required equations (system or controller) and conduct a theoretical analysis based on the approach in the paper).
6. Simulation studies (Try to replicate the simulations in the paper as closely as possible).
7. Discussion (Critically comment on the simulation and performance of the controller).
8. Conclusion (Summarize the findings and results).
9. List of references
10. Appendices (if any)

Also separately attach a list of your Matlab/Simulink codes in different files.

Marking scheme:

The project stands for 20% of the final grade of this course:

The breakdown is as follows:

Section 2:.....	1%
Section 3: .....	2%
Section 4:.....	3%
Section 5: .....	3%
Section 6: .....	6%
Section 7: .....	2%
Section 8: .....	1%
Section 9: .....	1%
Overall Presentation.....	1%

Due date: **Monday, 8<sup>th</sup> August 2011** – The submission method is announced separately.