Requirements for the Final Projects

1> The final project weighs 50% of your final score.
2> 2 or 3 members can form a group to finish the project; all the members in the same group will get the same score for the project.
3> Each group needs to select one paper, based on which you are required to implement a prototype system. The system could be implemented using any programming language. Your score will be evaluated based on:
   - the difficulty of the task
   - how well you implement the idea
   - programming style
   - mid-term check presentation
   - final oral defense
4> It is highly recommended that the paper can be selected from the following journals, or conference proceedings:
   - IEEE Transactions on Image Processing
   - IEEE Transactions on Pattern Analysis and Machine Intelligence
   - International Journal of Computer Vision
   - Pattern Recognition
   - Computer Vision and Image Understanding
   - Image and Vision Computing
   - International Conference on Computer Vision and Pattern Recognition
   - International Conference on Computer Vision
   - European Conference on Computer Vision
5> On May 11, 2015, we will have a mid-term check. Each group needs to give a presentation in our class. The presentation is expected to clearly introduce the paper you have selected. The presentation should be around 15 minutes. It can comprise the following parts (but, not limited to), background introduction of the problem, motivation of the proposed work, key ideas of the proposed work, main methodology introduction, experiments or results, related discussions, and references, etc.
6> On Jun. 15, 2015, we will have the final project check. For the final project check, each group is required to give a presentation and a demonstration. The time slot assigned for each group is about 10 minutes. For the presentation, it can comprise the following parts (but, not limited to), background introduction of the problem, key ideas of the proposed work, main methodology introduction, system structure design, key technologies used in your implementation, evaluation results, related discussions, and references, etc. It would be great if the presenter could give some novel ideas to improve or extend the work further.