Requirements of the course report

The topic of the report should be related to cognitive science or engineering (e.g. visual perception, attention, memory, language, decision making, problem solving, brain machine interface, brain signal processing, neural decoding, etc.), or mathematical tools that can be applied in cognitive modeling or analysis (e.g. information theory, Bayesian inference, hypothesis testing, dependence measures, machine learning, neural networks, adaptive filters, etc.). One may select a topic from the course lectures (the slides are available at the email address "cognitive.computing.2014@gmail.com")

In the report, you may write an academic paper, or describe your personal understanding of some basic concepts, or present an overview of the state-of-the-art in a particular area. The report must be written in English, and it should be clear, complete, and adequately explained. In general, the report should contain the following elements:

1) Title
2) Author information (Name, Student ID, Department, Major, Photo, etc.)
3) Abstract
4) Introduction
5) Main body(may include several sections)
6) Conclusion
7) References

The length of the report should normally be more than 10 pages with single-column or 8 pages with double-column (both with 11-point font size). Figures or tables that are copied from other sources must acknowledge the source with a citation (or a link) in the caption.

Please submit the PDF version of the report to "chenbd@mail.xjtu.edu.cn". If you have any questions or concerns about the matter above, please do not hesitate to contact me (email: chenbd@mail.xjtu.edu.cn)