Team 3

A. Proposal Report

Components	Questions	Evaluation
Title	Is the title concise and self-descriptive? (0~ .2)	.2 /.2
Problem Specification	Is the problem specified clearly? (0~0.5) Is this problem related to Big Data? (0~0.5)	…1 /1
Description of the strategy and dataset	Does this document include clear description of the strategy to solve the problem specified in the previous section? (0~1) 1 Is this strategy feasible? (0~1)1 Does this document include appropriate information about the dataset to be used? (0 ~ 0.5) 0.4 Second dataset's attributes are not clear.	2/4/2.5
Evaluation Method	Does this document include clear plan for evaluation and discuss the specific method(s)? (0~1).	1/1
Bibliography	Does this document include an appropriate bibliography? (0~.1)	1 /.1
Project timeline	Does this document provide a project timeline (weekly) (0~.1) Does this document provide clear description of roles for each member? (0~.1)	.2/.2

TOTAL _____4.9_____/5

Comments:
A well-prepared proposal with an interesting topic. There are multiple CNNs that can be applied to this problem. What you may consider includes:

(1) Exploring advanced CNNs e.g. ResNet, GoogleNet, U-net, etc.
(2) Adjusting resolution. You might want to test if the given resolution works with our machines as your network architecture gets more complex.
(3) Transfer learning: interesting idea. I would measure the performance gain from this approach. How many epochs could you reduce by means of using transfer learning? What was the turnaround time?

This is a very interesting project. I will look forward to your final report.