Philosophy
Peer-Supervised Learning with Built-in Quality Control Based on Multiple-Choice Questions: a Case Study[1] does Quality Control in the peer assessment, it tries to take in account the Quality Control and honesty factor to produce high quality results in term of peer assessment.

Summary
Rating multiple choice questions (MCQ) created by peers has been touted as a good approach to peer assessment. The main challenge in this setting is to ensure the quality of peer assessment. Existing approaches rely on the assumption that students intrinsically create high-quality ratings. The author proposes an incentive mechanism to increase the quality of ratings. They have conducted a case study with 242 students and 17 experts. The results show that peer ratings are a good predictor of expert ratings. They tried to develop a model that reliably measures the performance of students, but does not require expert ratings.

Positive Features
Seeing on the positive side of the paper, the paper gives us huge insight about the quality control in peer assessment. This paper has been a building block for developing our own review system for Mooc. The positive features can be listed as :
   a) The incentive mechanism helps to ensure the quality of peer assessment.
   b) Peer assessment of the difficulty is more accurate than self-assessment.
   c) Creating questions is a better performance predictor than taking a quiz.
   d) A model consisting of peer ratings and quiz scores predicts the performance of students well.

Negative Features
The problem that I feel with the methodology is that the paper doesn’t describe the beta reputation system mathematics part on the basis of which they have calculated their incentive which is actually becoming a bottle neck for our system. Secondly their system just build on MCQ questions which generally don’t require peer grading so they didn’t tackle the major problem of open-ended questions.

Problems Identified
Basically the two problem that are identified in the paper are :
   a) How to ensure the quality of peer assessment?
   b) How to measure the performance of students without requiring expert ratings?

Conclusion and Future Work
In my opinion the paper which I read was really good and it provides me the insight of peer assessment, openly deal with its benefit and demerits. Along with this it introduces the notion of Quality Control in Assessment Mechanism. My future work will be to develop a system based on this paper use some of
the methods and verify them in terms of Massive Open Online Courses, also to definitely have Quality Control in working model.

Kshitij Jain
(Peer Assessment for MOOCs)