Third Sprint Backlog (Owner: Jian Gong)

Planning to finish in sprint 3:

Jian Gong & Mingda Zhang:

1. Learning could see all their test result. (10 hours)
2. Handling with refreshing operation during test. After refresh the test page instead of fetching another set of test questions. The user should continues with their current test set and stay on the current question. (10 hours)
3. Release database, if teacher does not finish posting their test, the questions they have created should be removed from the database after a certain time. (10 hours)
4. Teacher should have access to see the test they have created. (10 hours)
5. Build database. (20 hours)
6. Serve multimedia learning materials and testing materials.(20 hours)
7. Serve audio recorded by student for teachers to grade. (10 hours)
8. Possibly add auto grading for audio learning. (20 hours)

Ning Wang & Jingwen Qiang

9. Third-party authorization such as Facebook or Twitter (10 hours)
10. Share learning history with third-party social networks such as Facebook or Twitter (10 hours)
11. Real-time video chat via websocket (20+ hours)
12. Build up History model to record user events (8 hours)
13. Refine user-interface (5 hours)
14. Add sending images function in chatting rooms (10 hours)

Evaluation:

We finished most of planned task in sprint 2, but there are still some problems in audio encoding. And we plan to fix that real soon and based on that to construct new features.

Unforeseen problems:

Web real-time video communication via websocket is a new and challenging field that we never learn before. It may take plenty of time to implement this feature.