Group 11 Critique of Group 7 Final Presentation

**Problem Motivation:** Did the speaker motivate this problem? Why is the problem interesting? What applications can this problem be applied to? List at least two applications this problem can be applied to other than what was presented. Briefly justify your answer. (50 word limit)

To improve the classroom schedule system. It is also driven by the amount of data that is available. Amx and rfid data allows for good data sources. The availability of spatial technology also allows visualization and organization of data into 2d and 3d visualization. They did not seem to motivate widespread motivation like connecting time and space together in one central location for online calendars or maps, which would have been nice to hear.

**Problem Statement:** What problem did the presenter attempt to solve? If applicable, what were the input, output, objective, and constraints for this problem? Briefly justify your answer. (50 word limit)

This was implied to be that the current system is outdated and not very user friendly. There was not a lot of time dedicated to this. The current system clearly is not very intuitive and a map would help. By integrating the campus map with the database of classroom schedule one can clearly make a better product. I did not really understand the need to complicate this with 3d visualization because it does not seem to be currently feasible to create this time, and even if it is it seems like it is not worth the effort and computing cost to create these visualizations, when the map, time slider and calendar are all easy to create and interface with.

**Hardness:** What is the main challenge in this work? Classify these challenges into computational, spatial, other, etc. Briefly justify your answer. (50 word limit)

A lot of data stored together - hard to figure out what user wants to query.
How do we connect the front end with the backend.
Data issues - diverse and incompatible data.

**Proposed Solution:** How did the presenter solve the problem that was described? What were the key ideas behind the proposed solution? What was innovative about their solution? List at least three suggestions on how their proposed solution may be improved. Briefly justify your answer. (50 word limit)

There was a lot discussed here with how the data was handled and manipulated to work. They also talked in detail about the packages that were needed to overcome the technical issues.
Querying - Use map, calendar and time slider (all good metaphors that allow easy access) to allow for 3 types of easy querying.
Data issues - Stored data in different databases and queried with off the shelf standard tools to allow for a usable web application

**Related Work:** Did the speaker provide a sufficient survey of related work? What were the main limitations in the related work? Do you feel that either the problem or proposed approach is novel? Briefly justify your answer. (50 word limit)
This was not really touched on. They did talk about the current status of the classroom schedule, but did not talk about other outside attempts to create compelling online spatial calendars (or whatever you would call this).

Validation: What were the validation methodologies used in this work? Was the proposed approach compared with any state-of-the-art or naive approaches? Were there any surprises in the validation results relative to your expectations? Briefly justify your answer. (50 word limit)

We can clearly count the web application as a clear validation of their work. Although they did not talk about any validation metrics it is clear that the web app was working well and seemed to be presenting the appropriate data.

Presentation Critique:

Do you think the speaker did a good job motivating and defining the problem clearly for someone like you who may be a "non-expert" on the topic? Why or why not? (50 word limit)

This is more of an application project, so it is excusable that they did not talk about the motivation and related works, but I felt that by not really talking about these issues was a shortcoming of the presentation.

Did the speaker emphasize the central message (e.g. did they follow: "Tell the audience what you're going to say, say it; then tell them what you've said.") (50 word limit)

The live view of the website clearly showed what they did. The focus on the backend technology was nice, but limited them from talking about theory, motivation and related works. But yes, they did focus on the main point.

Did the speaker relate to the audience? What did the speaker do to establish a rapport with the audience before delivering the key message? (50 word limit)

They used a good clear speaking voice and cadence which made it easy for the audience to understand and follow the presentation.

What did the speaker do to engage the audience? e.g. Did the speaker ask short questions to either motivate the upcoming topic or assess the background/thinking of the audience? (50 word limit)

They asked a question at the end, which was a good one. They also showed good visualizations of there concepts and work which kept the audience engaged and focused

Did you understand most of the talk (or 75%, 50%, 25%, 5%, 0%)? Did the speaker inspire you to want to learn more about what he/she is doing? If you had to rate the presentation check-, check or check+, what score would you give? Briefly justify your answer. (50 word limit)

I would give them a check on the presentation because the lack of focus on some the important areas of the presentation. They did a very impressive job incorporating large amounts of technology and data into a useful web application. If I were grading the project rather than the presentation i would give them a check plus.