Student: Bryan Bo Cao

Individual Project Reflection
What was your main contribution to your group project?
I helped providing research ideas, editing preliminary, update and final presentation, presenting research ideas, methods in the class. During meeting, I provided my opinions and thoughts. In terms of experiment, I helped designing the study, recruiting participants, teleoperating the robot and audio. Also I modified and extended the survey, adding 7-scale likert questions. I helped writing all the group assignments and report.

In addition, please also write a few sentences about each of your team members (what was their contribution, how did they help the team, etc.). One way to think about this is how would you recommend your team members for a job.
In terms of group work, we divided the amount of work into each one as equally as possible.

Aadish was very helpful, he helped providing opinions on research, editing all the presentations and reports including IRB. During the experiment, he helped recruiting participants, recording the robot audio and providing post survey for them to fill in. In addition, he helped doing Correlations Analysis and ANOVA analysis on the data from experiment.

Kyle was always willing to help, he provided many decent ideas on team project, edited all the presentations and reports. During the experiment, he also helped recruiting participants, introduced participants to the experiment and providing pre survey.

What was your favorite class project BESIDES your own?
Visual flight paths, emotion, and efficiency in a work environment.

Course Reflection
What did you most enjoy in this class?
I enjoyed the part of doing experiment with participants, though it's a little tired, it was interesting to see how participants react to the robots.

What did you least enjoy in this class?
Reading quiz. Sometimes it's good for understanding but it's hard to remember a specific question in a short-term.

Were there any additional topics you would have liked to learn more about?
Yes.
1) How Computer Vision could be utilized in HRI.
2) How Deep Learning could be used in HRI.

What are ways you think I could improve the course in the future?
1) Changing the quiz into reading discussion in the forum.
2) It would be great if assignments or reading could be posted at least one week before their deadlines.
3) Adding final project demos in ATLAS expo.

In this class, we had six groups with three group members each. Would you have preferred to have fewer groups with a larger group size?
No. 3 members is good. More than 3 people in a group would start to increase the Chaos and communication cost in a group based on my experience.

In this class, we had reading discussions, reading quizzes, and reading forum posts. Would you have preferred to interact with the readings in a different format? If so, please give me suggestions.
I preferred writing a post in a forum for students to discuss. Also I would suggest to raise any questions on the readings in the forum. I don't think reading quizzes would be much helpful in understanding the main idea of a paper.

Many of the lectures (e.g., the stats lectures) might be amenable to a flipped format (e.g., I could make a video of this lecture, which students would have to watch as homework, opening up class time for additional group work, discussion, or other activities). Would you prefer this format? Why or why not?
Yes, it makes the full use of time in class since video can be watched anywhere. In addition, this could provide more feedback from students to lecturer.