**Assignment A18: Design Review**

Goal: To provide feedback to a peer team in order to facilitate improvements to their design.

Guidelines:

1. Fully review the design proposal **before** discussion.
2. Keep the criteria and constraints of the client in mind.
3. All comments are welcome and valuable during the discussion.
4. Each team member contributes to the review.
5. Look for patterns and commonalities in thinking.
6. Avoid subjective feedback (i.e., this design is ugly).
7. Maintain a tone of professionalism in your feedback.

Steps:

1. Each team member reviews the entire design proposal individually.
2. Capture your first impressions.
3. Each team member completes the table on the next page, contributing at least two (more is better) pieces of feedback in each of the four quadrants. Be sure your tone is professional and that you provide justification for your feedback.
   1. **Like** – What did you like about the design?
   2. **Challenges** – What part of the design do you feel is not feasible?
   3. **Ideas** – What ideas do you have about how to make the design better?
   4. **Questions** – What questions do you have regarding the design?
4. Each team member submits their Design Review document individually to the drop box.
5. As a group, either synchronously or asynchronously, evaluate and critique the proposed design.
6. Have a group member take detailed notes of the discussion.
7. Evaluate how well the design meets the criteria and constraints provided by the client.
8. Determine if the testing and analysis validate the design decision.
9. Complete a copy of the A18 form as a team.
10. Post the team review on the discussion board under Team YY’s post.

**ENGR 131 Feedback Quadrants**

Team member: Luca Rosu, Matthew Jacobs, Kyle Johnson and Samuel Morales

Team number: 25

Table 1: Summary of each team member’s comments

|  |  |
| --- | --- |
| Likes  Samuel: It could possibly help a lot of people moving from class to class, the 10-minute window is not enough if you do not have average mobility  Luca: Idea is easy to use, and the testing was thorough  Matthew: Presentation was very well organized and minimalistic  Kyle: Very professional tone and presentation and easy-to-use solution | Ideas  Samuel: You could use a different materials or modifications to make it usable in winter, with snow and ice on the crosswalks.  Matthew: You could still push the wheelchair even if there is no power  Luca: Buy more chairs  Kyle: Larger tires |
| Challenges  Luca: Only 10 chairs is not enough  Matthew: How are they going to finish the rest of the journey after they get off  Samuel: Price is high, so we either lack wheelchairs or spend a lot of money  Kyle: Constant need for maintenance and the place to charge the chairs | Questions  Luca: Do you need to install specialize electronics to unlock it from the app?  Samuel: Is there going to be a speed limit? How will it be determined?  Matthew: Can we protect them from the extreme weather on campus?  Kyle: Will battery life be affected by weather condition? |