View results

Respondent

23 David Smith

11:30
Time to complete

What is your name? *

David B Smith

What is your email address? *

Students may contact you at this email with questions about your feedback.

dsmith@citytech.cuny.edu

What is the student's name? *

JAY GURUNG

What is the student's project? *

AV-Jacket Illuminated Tech Wear

Feedback

Rate the following statements on a scale of 1-4, with 1 indicating strong disagreement and 4 indicating strong agreement.

The student's project description is clear and well defined. *

1	2	3	**4**

Strongly Disagree — Strongly Agree

The goals and outcomes of the project are clear. *

1	2	3	**4**

Strongly Disagree — Strongly Agree

The method/process for completing the project is clear. *

1	2	**3**	4

Strongly Disagree — Strongly Agree

The project timeline is clear, with clear milestones and a clear plan for completion. *

1	2	3	**4**

Strongly Disagree — Strongly Agree

The project scope is appropriate for the timeline and student's goals. *

1	2	3	**4**

Strongly Disagree — Strongly Agree

The plan for a prototype / proof of concept (due later this semester) has clearly defined goals and deliverables, while addressing technical viability of at least one significant aspect of the proposed project. *

1	2	**3**	4

Strongly Disagree — Strongly Agree

The presentation is well prepared and organized. *

1	2	**3**	4

Strongly Disagree — Strongly Agree

The project's work in progress meets expectations for this project phase. (For this panel 1 review, we expect a complete written project proposal, ready for feedback and further iteration, in addition to a well prepared presentation on the proposal.) *

1	2	3	**4**

Strongly Disagree — Strongly Agree

Based on the presentation and review of materials, this project currently has a: *

- (●) Green light (project phase appears largely on track, proceed with next steps)
- ( ) Yellow light (project not entirely clear or needs improvement in some areas, additional advisement and consultation needed)
- ( ) Red light (project is extremely unclear or not meeting expectations in multiple areas-- consult with professor for next steps)

Please add comments on the above, noting strengths and areas for potential improvement. If the project has received a yellow or red light, please describe the reasoning here. *

I very much like this project! It seems to be a great idea and one that many people would like to consider: the idea of a focus on visualizing sound with light is interesting, and with a built in microphone, can extend to other use cases that DJ. I would like to point out that there seem to be two components to your project, the system that allows for audio to be a controller, and then they way that one designs the lights to support the sound. I would recommend starting to build a set of use cases (blinking lights, solid color, mapping color and intensity to sound parameters etc). I woudl then focus more on the system aspects and not worry so much about the lightshow algorithm: I would think most people would want to do their own configuration of colors and etc.

Do you have any specific advice or suggestions with regard to the technical components of the project? *

I like the idea of coding this in a generalized way: as a way to map data from one preceptual domain to another. In this case, your delivery field can be represented as a 2d Chart, with light address and color value mapped into whatever parameters you wish to use for the audio material. Then you would have some sort of conversion algorithm within your code that takes values from one data source to map into another. This algorithm can get quite intense, and so you will want to start by declaring a few States that treat audio differently. I also like the idea of realtime user control: I think you are suggesting a switch and maybe a sensitivity control (which could be a potentiometer on the audio chain. Different environment swill have different sound levels so you will want to think about this as well. Finally, stick with the engineering and leave the clothing design to a collaborator. I recommend perhaps finding students interested in this from Dr Nazanin Munroe's Textiles lab: you may wish to reach out to her. (https://openlab.citytech.cuny.edu/fashion/textile-lab/).

Have you considered latency? You will want to see how quickly your system can respond to the changes in sound value.

I like the idea of generalized because then your system could be useful for other forms of data input (MIDI, DMX,

Do you recommend that the student consult with any specific professors on their projects? *

If yes, list their name(s) and the reasoning for the recommendation.

Please feel free to contact me for further discussion: I think this is a great project and I can see use for your system above and beyond your initial proposal.