Needs Identification

Introduction:

On May 17th, 2017, the steam-punk oriented technology gala will take place at the Canadian Aviation Museum in hopes of showcasing and intriguing Canada's youth in the developing technology era. Our group has been contracted to design and produce wearable technology that may be incorporated in the steam-punk themed event. These pieces will be interactive with the wearer and its surroundings, and worn by either event employees or by models in the fashion show that will be taking place. As a team, we have highlighted our clients needs and have organized them based on their importance in order to keep our design development and budget on track. We are looking forward to presenting this project and seeing those of the other groups.

Interpreted Needs:

- Must be steampunk themed
- Very theatrical costume/wearable
- Lights/LEDs are important for the costume to stand out (the event will be dimly lit)
- Some form of user interaction
- Very detailed costumes
- Creative/stand out

Number	Need(s) (grouped)	Importance	Justification for grouping
1	● Very theatrical costume/wearable ● Lights/LEDs are important to stand out ● The wearable is very detailed.	4	● These needs all focus on the look of the wearable.
2	● Some form of user interaction	2	● This need focuses only on what the wearable will do, and thus is unlike the other needs.
4	● Must be steampunk themed	5	● This need focuses on the entire point of what the client wants, it must clearly be

			steampunk-themed. ● Even if the wearable itself is not as theatrical/colourful, it still needs to clearly show a steampunk theme.

Problem Statement:

A need exists for a steampunk-themed costume that is brightly lit, creative, and incorporates wearable technology into the costume itself.