

HARRIS PROFILE

The following ideas were developed within a brainstorming session. Our focus was improving the workshop through improving one component (box, website) that would make it more fun and engaging.

BOX:

Changing the shape. (holes for sensors, make the box stackable i.e. add another plate to exchange the button plate) and make it stackable through lego brick parts (need a special design for laser printer)	+2
Adding a display to the box to show output.	+1
Use other kind of LED instead of the LED strip (e.g. a matrix added on one of the sides of the box).	+2
Add a microphone to enable speech to text.	+2
Add a speaker (to play music)	-2
Make it a game controller	-1
Replace the physical button by a temperature sensor or pressure sensor.	-1
Add a battery to the nodemcu (so you don't have to connect it to your laptop)	+1
Make the box extendable through special parts	+1
Add an rfid reader and rfid chips.	+1

WEBSITE:

Add a visualization (graph) for each different sensor.	+1
Create something a grid in which you can add the boxes so you can make art.	+2
Improve our own site.	-1
Guest and VIP users.	+1
Use visualizations from adafruit.io on our own site (is that even possible)	-1
Include the improved version of manual online	+2