





Project task list

Theatrical Prop Work Timeline

Aa Name	☰ Assign	📅 Date	⌵ Status	☰ Text
<u>Ideating for the group project</u>	All members	@November 13, 2023 → November 19, 2023	Completed	Finalising on idea for the project and concept
<u>Sketches</u>	all members	@November 20, 2023 → November 23, 2023	Completed	Sketches for the wings with all the functionality
<u>materials ordering</u>	Jess	@November 24, 2023 → November 26, 2023	Completed	ordering the materials
<u>Circuit prototype - Addressable led Strip</u>	Halak	@November 27, 2023 → December 3, 2023	Completed	Test the Addressable led Strip with the Arduino and code
<u>Circuit prototype - led strip with buttons</u>	Halak and Jess	@November 27, 2023 → December 1, 2023	Completed	Test the the sensor control - buttons with addressable led strip. Coding and circuit to be done
<u>Hardware prototype - small wings</u>	Halak and Jess	@November 29, 2023 → December 3, 2023	Completed	Make a quick prototype of the wings to test different functionalities and how feasible it is
<u>materials iterations and changes</u>	Halak and Jess	@November 29, 2023 → December 8, 2023	Completed	If there are any changes in the design or change in

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				materials, check in with Dave
<u>Circuit prototype - servo with small wings</u>	Jess and Halak	@December 2, 2023 → December 8, 2023	Completed	Work out how the small wings as a quick prototype work with servos
<u>Hardware prototype - Big wings</u>	Halak and Jess	@December 4, 2023 → December 8, 2023	Completed	Make a bigger wing to test the functionality to see how it affects the functionality
<u>Circuit prototype - servo with big wings</u>	Halak and Jess	@December 4, 2023 → December 8, 2023	Completed	Trying the servo with big wings. Code and circuit both.
<u>Final metal wings</u>	Amrina	@November 29, 2023 → December 10, 2023	Completed	Start bending the wire to create the structure of the wing
<u>Hardware prototype - cellophane on wings</u>	Amrina	@December 7, 2023 → December 10, 2023	Completed	Completing the metal wings with cellophane
<u>Hardware prototype - Addressable led with metal wings</u>	All members	@December 4, 2023 → December 10, 2023	Completed	Wiring up the addressable led strip to the wings. Testing it out with the button code
<u>Hardware prototype -</u>	All members	@December 4, 2023 → December 10, 2023	Completed	attach the Servos to the metal wings

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<u>servo with metal wings</u>				
<u>Soldering - addressable led</u>	Halak	@December 8, 2023	Completed	Solder pins for addressable led
<u>Hardware prototype - Back support for wings</u>	Amrina	@December 5, 2023 → December 9, 2023	Completed	Make a support for the wings. This is for slotting in the wings and making them wearable for the user.
<u>Circuit prototype - Potentiometer coding</u>	Jess	@December 7, 2023 → December 9, 2023	Completed	Wire up the circuit for the potentiometer to test its functionality and code for it
<u>Hardware prototype - servo and Arduino board support</u>	All members	@December 6, 2023 → December 10, 2023	In progress	Make a support for the Arduino board and servo at the back
<u>Hardware prototype - assembly all parts</u>	All members	@December 8, 2023 → December 10, 2023	Completed	Get the servo, necklace(input sensors) and Arduino board with leds all attached together. Put the wings together.
<u>final code corrections</u>	Jess and Halak	@December 8, 2023 → December 10, 2023	Completed	Make any changes to the code to check functionality
<u>PowerPoint presentation</u>	All members	@December 8, 2023 → December 10, 2023	Completed	Make the slides for the

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