

# JourneyX Booth Accessories

By: Grace Foo

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## Persona

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My persona is Grace Foo. She wants to decorate her booth which is going to promote a game called JourneyX, where players explore Clementi through the help of an AR game. However, she has nothing interesting to decorate her booth with and with the lack of decoration, it might bring lack of attention to the booth and lead to less people trying the game out.

# Grace Foo



Age: 18



Job: Student

## Bio

Grace is a student who has been working on a game called JourneyX, where players explore Clementi through AR

## Needs



Decoration for game booth

## Personal Traits

Patience

▼ 65%

Flexibility

▼ 70%

Problem-solving

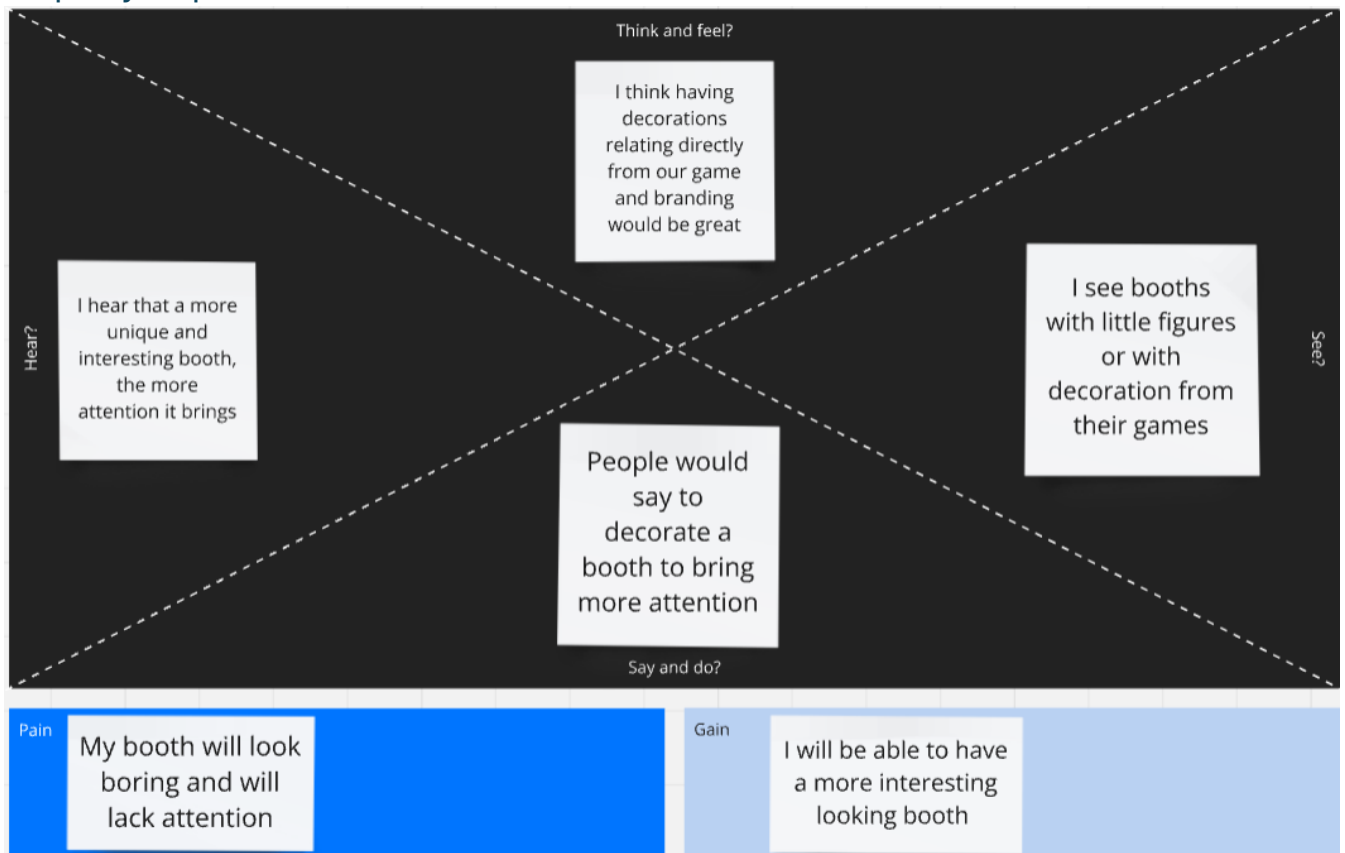
▼ 75%

## Frustrations



Does not have any decorations for their booth so it looks boring

## Empathy Map



## Problem Statement

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The issues are:

- Lack of items to decorate booth
- Lack of items to attract attention to booth

## Initial Idea

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I thought of a few ideas at first, I thought of a lamp with our logo at first, where the holding box for the logo would look like a plane runway since our logo is in the shape of a whale and in addition since “Our natural attraction to light” (Use Light to attract attention, n.d.). But I had thought of multiple other ideas, one where there would be wooden signs of our stakeholder’s mascot Hannie, a sparrow bird, holding signs welcoming people to Clementi and JourneyX with a qr code to our website, I’ve also thought about making wooden standees of our stops or even 3D figures of our mascot creatures and I realised I had enough time to create all of these ideas.



## Research/reference images

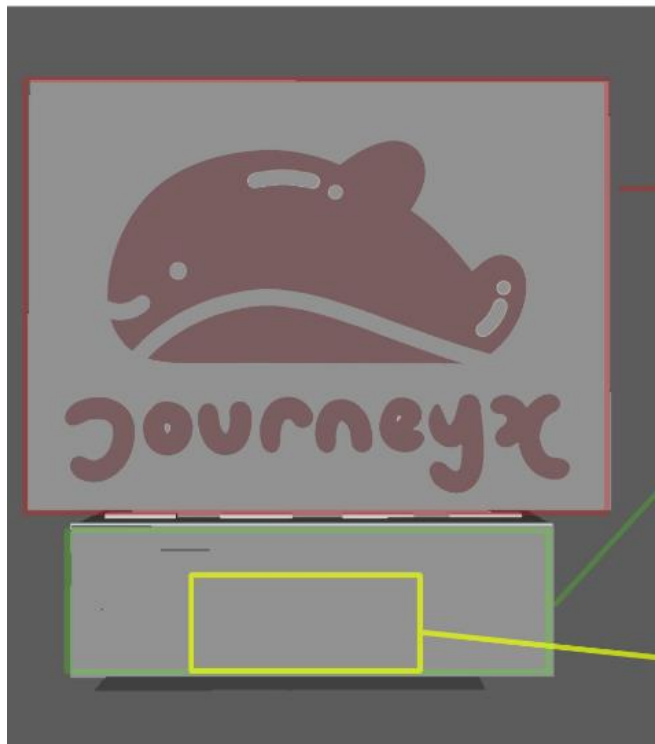
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I took heavy inspiration from this tutorial video for the Acrylic lamp:

[https://www.youtube.com/watch?v=\\_inGT60DHN4](https://www.youtube.com/watch?v=_inGT60DHN4)



## Sketches and attempts

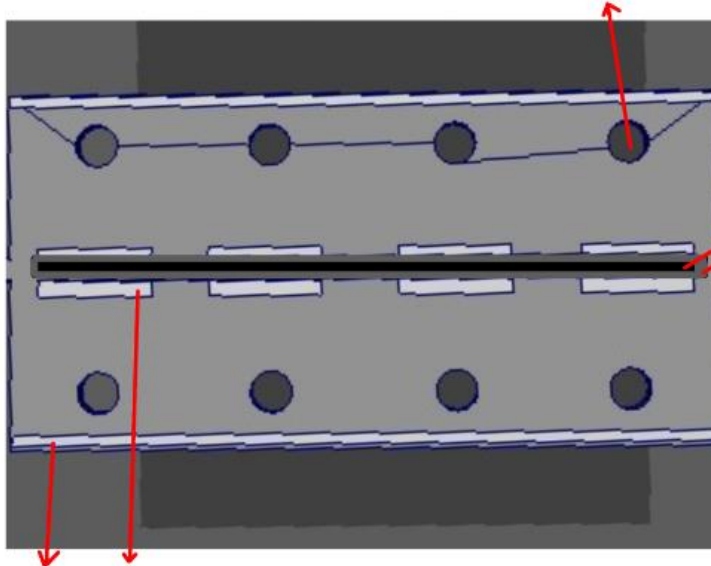


there will be an acrylic panel with our logo that can be inserted

this will be a 3d printed box holding the acrylic stand and be empty inside to have the light

in the middle of the box will hold a rechargeable light

there are holes the top so when the light turns on, the light comes out the holes looking like the lights from a runway

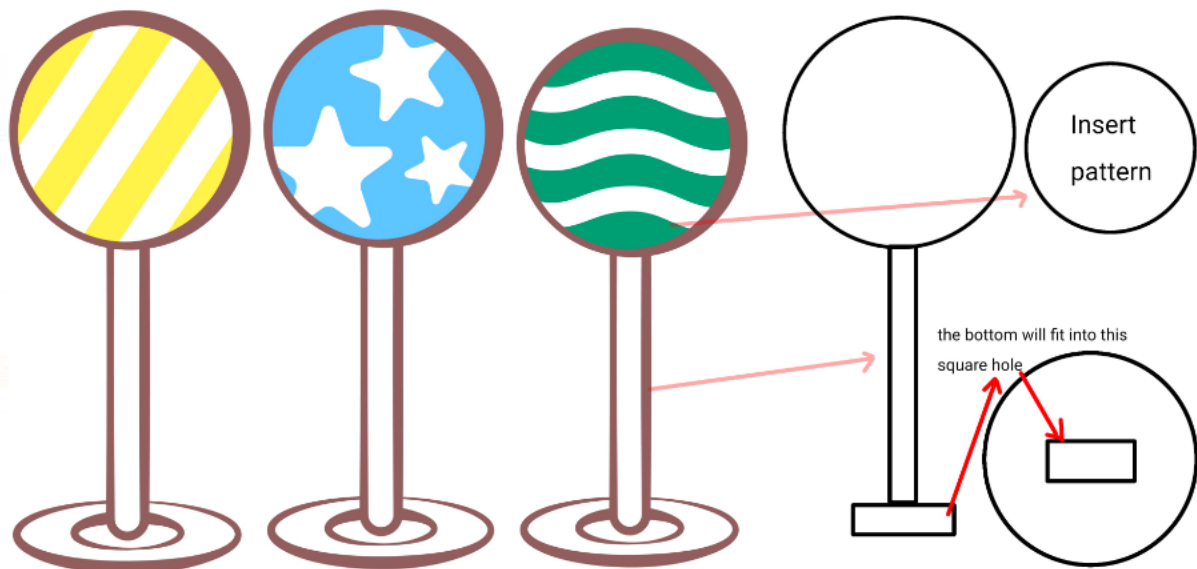


top will have a hole to put acrylic logo will have small ridges on the side of the hole to help hold and secure

the white lines are meant to be 3d printed in white, to glue on the top to look like the white lines on the airplane runway ( logo is a plane so making it look like a runway fits the theme )



will have 2 wooden standees with the bird mascot one welcomes people to Clementi ( where our game Takes place ) the other has a QR code to our game. both will have fake grass at the bottom of their stands



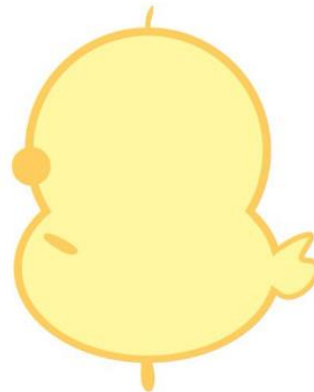
there are 3 stops they will be wooden standees and will be laser cut and painted



Each figure will have a round base with fake grass on top



## Reference sheet for the figures



## Progress images

These are some images of the process and progress of the items

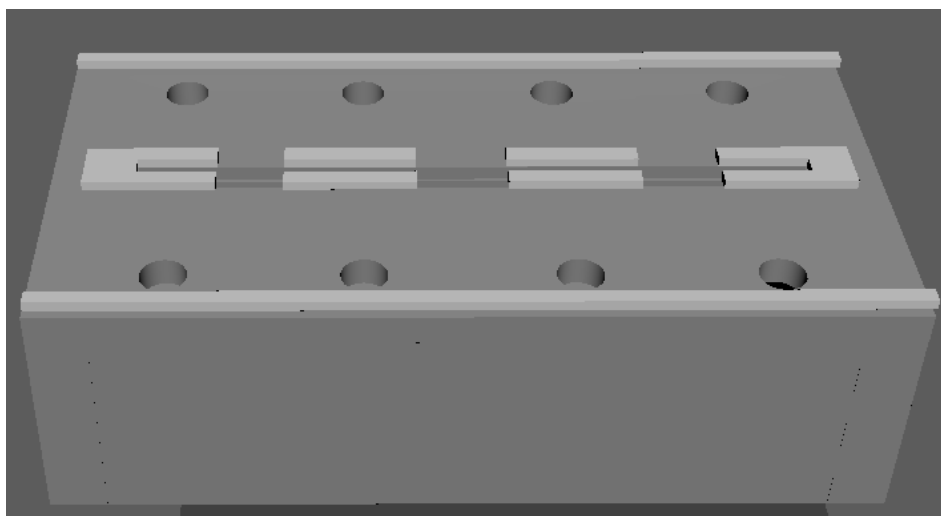


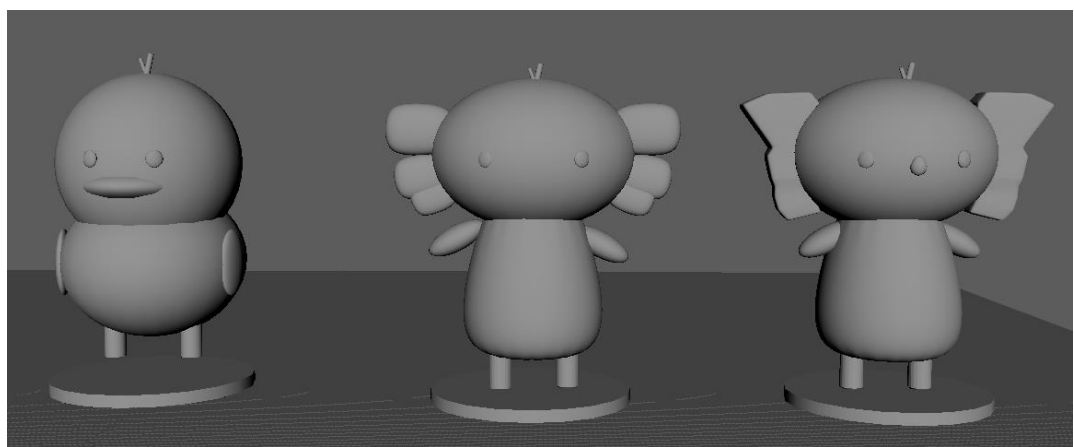
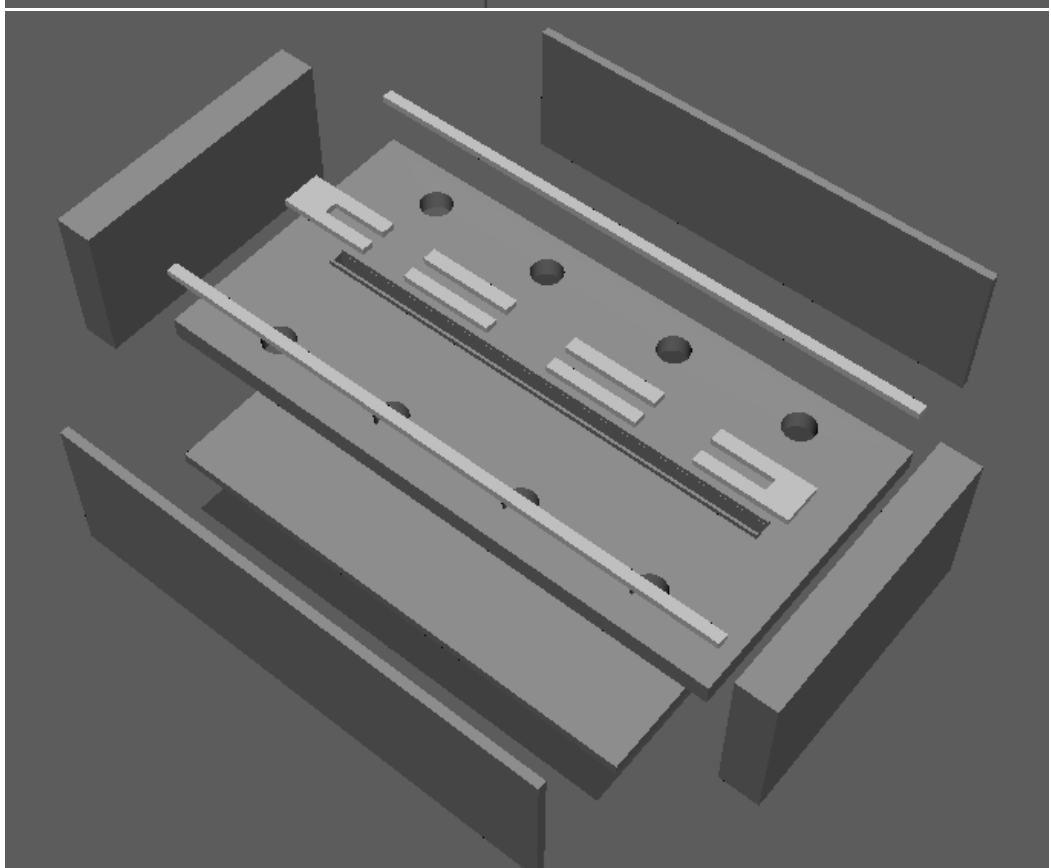
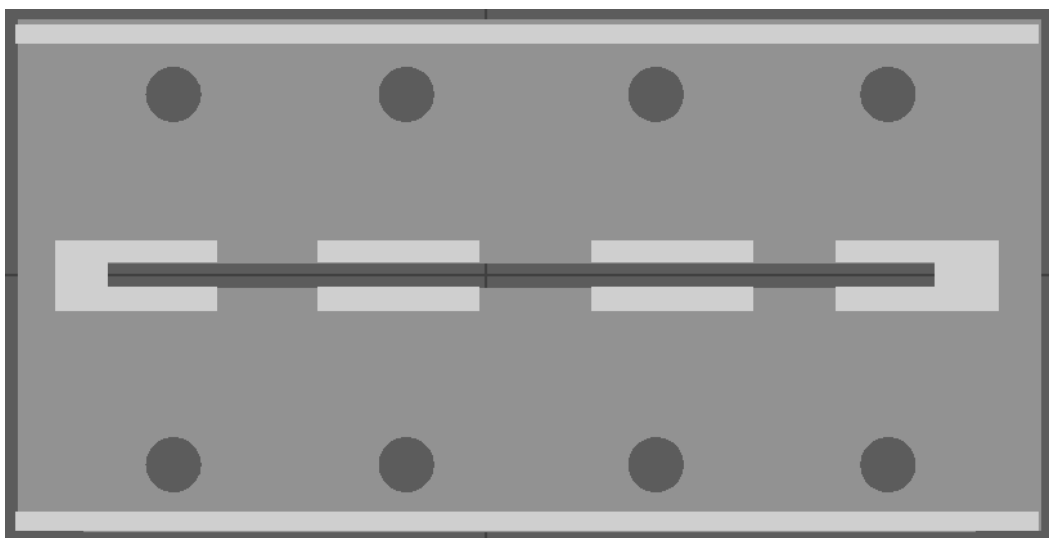


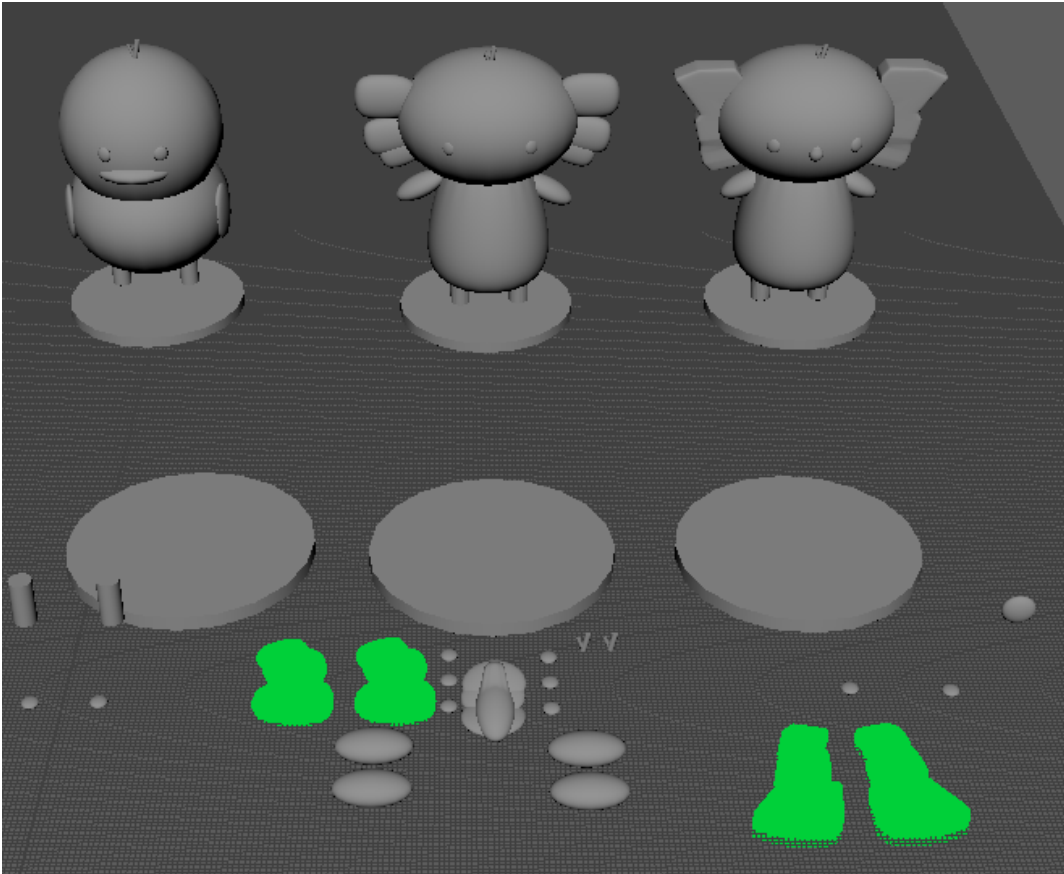
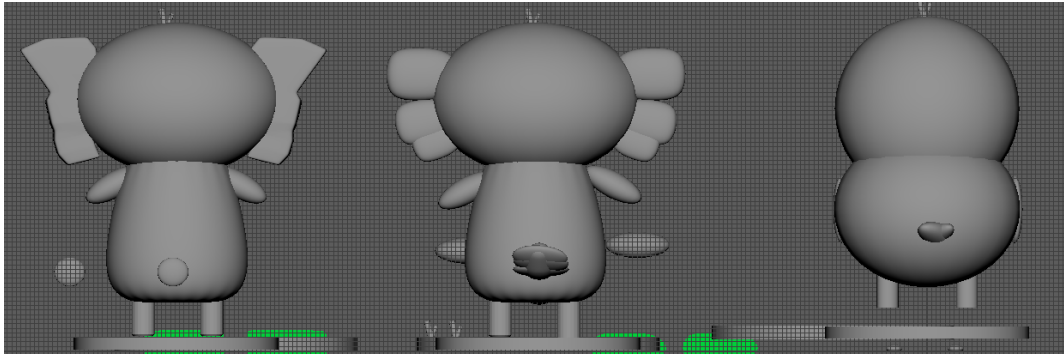


## Final 3D Model

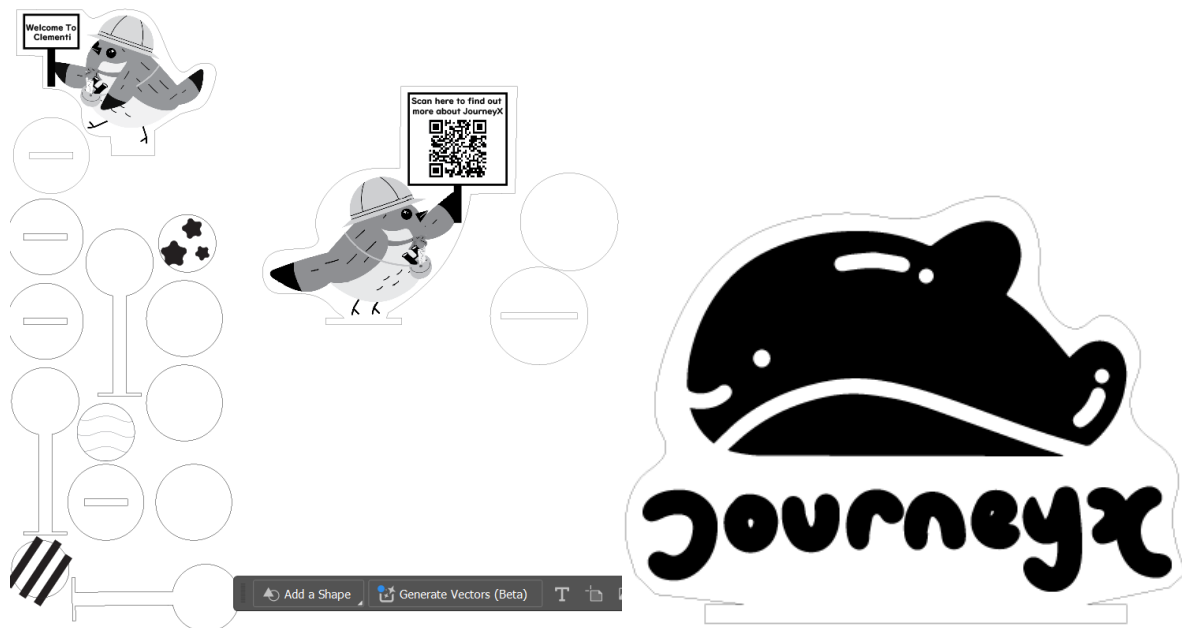
The final box was modelled to have a bit of roughness to it on the top to fit the aesthetic of a runway but cant be seen well in these model images





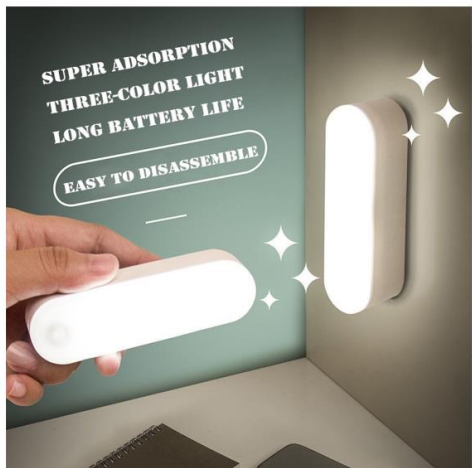


## Final Laser cut design



## Electronics

For the light I've decided to buy this rechargeable LED light, as it is small, cheap, convenient since it is rechargeable, has three colours and has a magnet system on the bottom so I could paste a magnet on the bottom of the box to make it easy to place the light and to stay in place



**Preferred** 10CM LED Multifunctional Desk Lamp Bedroom Wall Mounted Magnet USB Charging Button Bedside Light Dimmable for Emergency

4.9 ★★★★★ | 2.1k Ratings | [Report](#)

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## Final images

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These are the final images after sanding and putting it together

( This image was taken at home )



( This image was taken at our VIVA booth presentation )



Koala figure



s

Chicken figure







Axolotl figure



### Acrylic logo lamp



### Wooden bird signs

The wood signs are slanted backwards to make it easier for visitors to our booth to view and read them at eye level. This design is similar to the way a laptop screen is tilted back when viewed while standing, making it easier to see the screen from that angle. Thus the slant allows for a more comfortable viewing experience.







Here is a video of the QR code working:

[https://ivid2.np.edu.sg/media/Hannie+JourneyX+QR+code+scan/1\\_vywwclz4](https://ivid2.np.edu.sg/media/Hannie+JourneyX+QR+code+scan/1_vywwclz4)

## Stops

The wood signs are slanted backwards to make it easier for visitors to our booth to view and read them at eye level. This design is similar to the way a laptop screen is tilted back when viewed while standing, making it easier to see the screen from that angle. Thus the slant allows for a more comfortable viewing experience.



## Final video

The final promotional video can be seen here:

[https://ivid2.np.edu.sg/media/Journey+X+Decorations+%28+3DP+Asgn3+%29/1\\_cbsccxlb](https://ivid2.np.edu.sg/media/Journey+X+Decorations+%28+3DP+Asgn3+%29/1_cbsccxlb)

## Final Video research

To create this final video I decided to research on tutorial videos or advice videos on how to decorate my booth as I wanted my video to look like a tutorial video

<https://www.youtube.com/watch?v=ppHpR0EVONY>

<https://www.youtube.com/watch?v=xydknFPhyMs>

<https://www.youtube.com/watch?v=EJM7r4lQurA>

<https://www.youtube.com/watch?v=hK4-YSW3bb0>

## What to improve on/Wishlist

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- Smooth the 3d model of the head to prevent all the lines and smooth items as much as possible to avoid any other extra lines
- Have arm slots to prevent the extra need for glue
- Have tail slots to prevent the extra need for glue
- Try to use less glue
- Wish to print extra hair pieces or tail pieces as the koala is lacking a tail and the axolotl is losing his hair due to me losing them but unable to print new ones in time
- Be careful and more patient when painting
- Be able to make the figures possible
- Made the sparrow bird Hannie into a 3d figure and to even hold a sign like the wooden one
- Be able to paint and dry brush the main box of the light
- Be able to print the box one shot if I had time so the light will not leak out of small gaps, or have ugly glue marks