



Julia
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All About Animatronics

*Senior Project
Fall 2024*

DIG 4972 - CRN 85952

Professor B. Denny

F G C U

Digital Media Design



SENIOR
SHOW

Project Overview

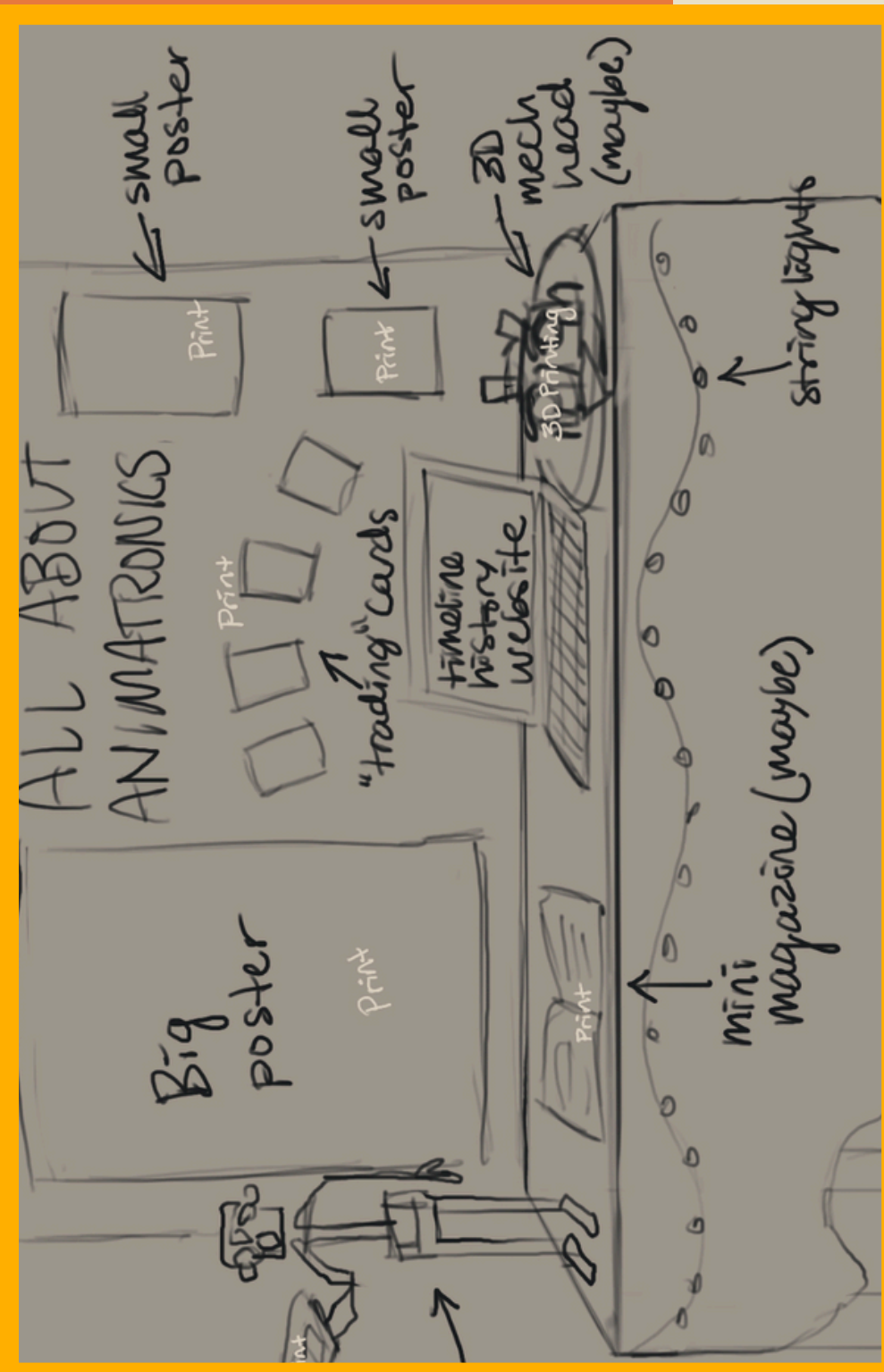
Centered around the topic & history of audio animatronics.

Deliverables

- ◆ Branded business cards
- ◆ Posters (1-3)
- ◆ (Prototype) trading cards
- ◆ Animatronic figure for display
- ◆ Simple informational website about animatronic history

Theme & Focus

- ◆ History and information on animatronics
- ◆ Emphasis on pneumatic 80's character bots
- ◆ Physical & digital deliverables



Project Inspiration



Potential Problems

& Solutions

1

- Research
- Practice before final draft
- Concept sketches & planning

2

- Research
- Trial & error
- Tutorials and apps
- Different techniques



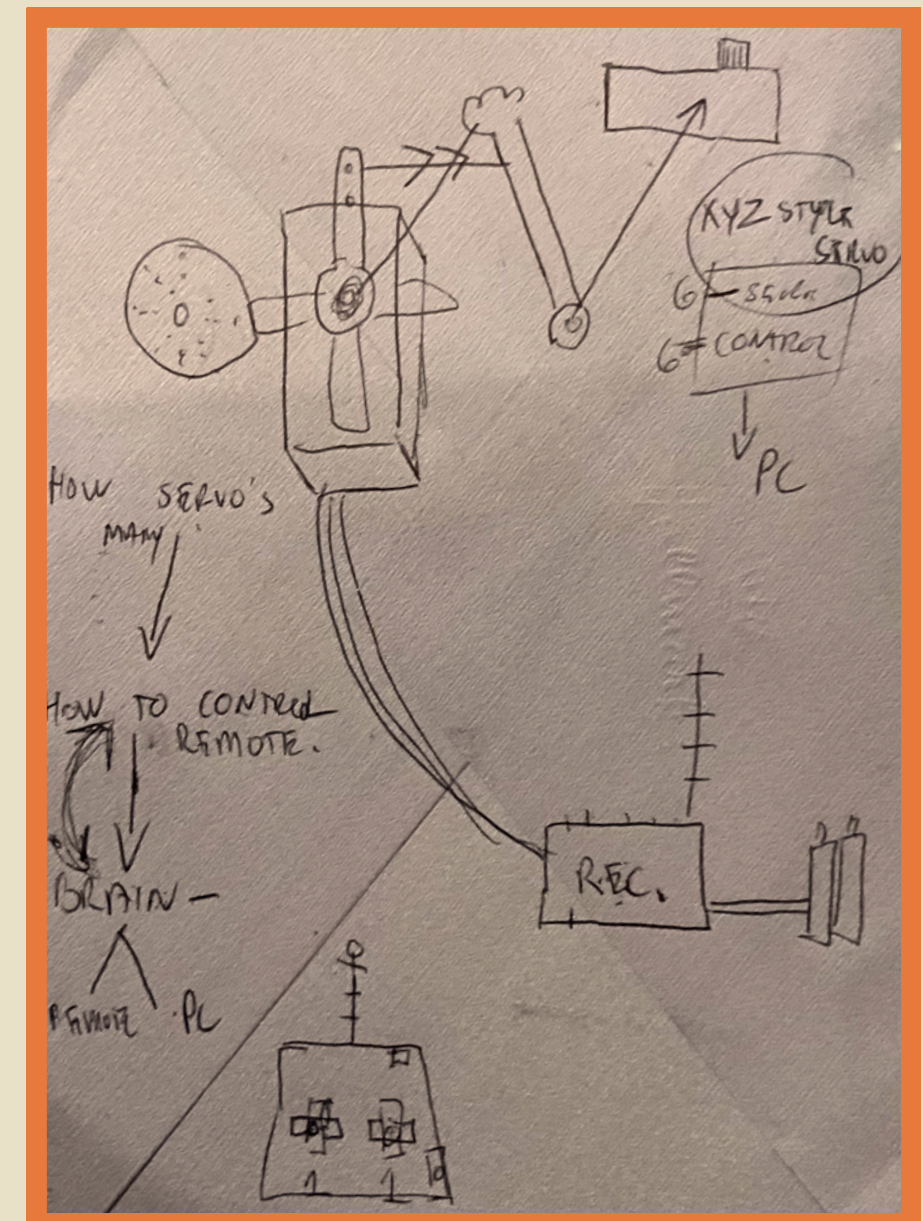
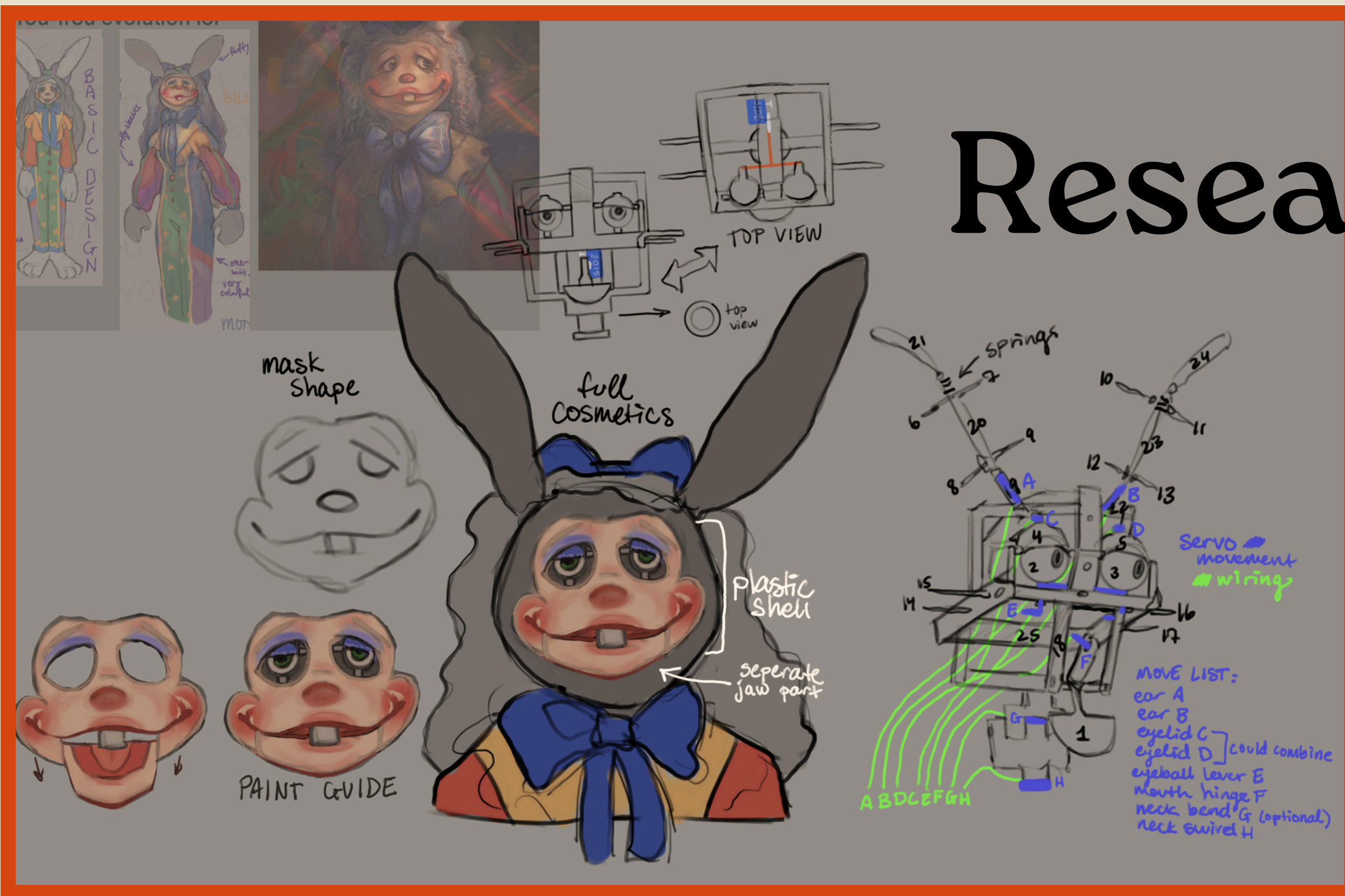
Challenge #1
3D Modeling



Challenge #2
Coding Animation

PLANNING

Research



0A090A

Black

125E8A

Lapis Lazuli

D64510

Syracuse Red Orange

E7793D

Orange (Crayola)

EAD2AC

Wheat

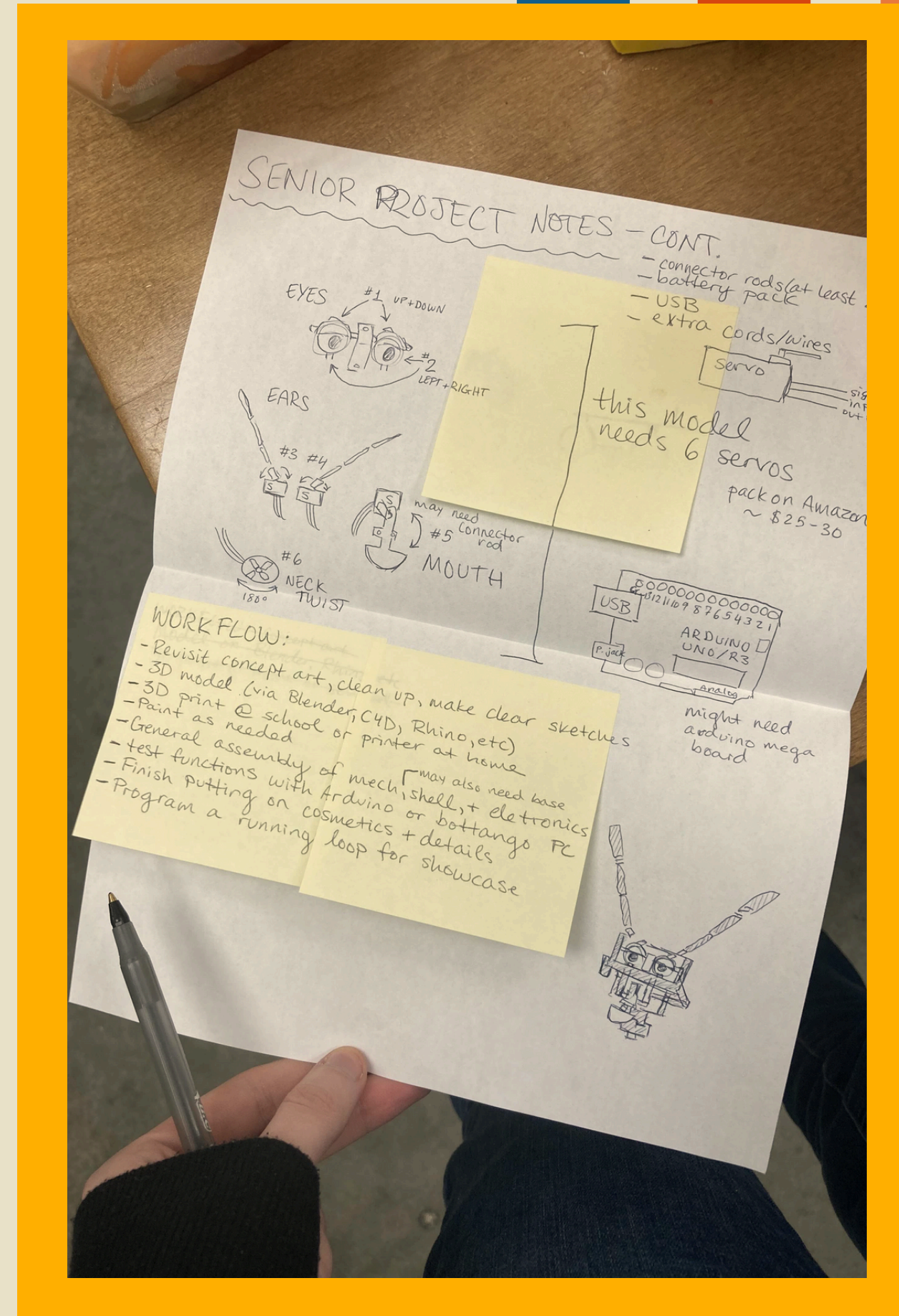
PROJECT

Building My Own Animatronic Character

Workflow

- > Concept art, character design, planning
- > Create 3D model
- > 3D print the mech and shell
- > Paint eyes & eyelids
- > General assembly, base, mech, shell, etc.
- > Install electronics and cosmetic details
- > Program running loop for showcase

The rest of the deliverables will be worked on during the construction of my animatronic figure.



Thank you!

I'm eager to see how everyone's projects turn out!

