

# Capstone Project Progress Outline

>gb-001<

Name

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Kickoff

01/16/2024

## Project Summary

- *Interactive art installation/cybernetic entity*
  - *Receives multi-sensory input*
    - *Thermal camera (photoreceptor, thermoreceptor)*
    - *Performance monitoring (chemoreceptor, nociceptor)*
    - *Touchscreen (mechanoreceptor)*
  - *Publicly accessible database of recorded interactions (memory)*
    - *Playback of sensory input associated with selected memory*
    - ~~*LED sign reading “I am a good boy” changes to “I am” followed by the description associated with selected memory*~~

## Project Purpose

- *Culmination of my baccalaureate pursuit at UTD*
- *First formal attempt to design and produce a piece of installation art*
- *Enables the exploration and critique of hegemonic notions regarding subjectivity and ideology*
- *Holds space for atypical human-machine interaction that prompts radical alterations in self-awareness*
- *Demonstrates the transformative nature of autonomous investments into differentiated transactive memory systems*

## Potential Obstacles/Issues

- *Budgetary constraints*
- *Workspace limitations*
- *Meeting deadlines*
- *Storage capacity*

## Solutions to Potential Issues:

- *Cost-effective materials*
  - *Opt for affordable yet quality materials for your installation*
  - *Consider recycling or repurposing materials to reduce costs*
- *Utilize university facilities*
  - *Coordinate with university departments to access specialized workspaces or equipment (e.g., 3D lab)*
- *Remote collaboration*
  - *Leverage online organizational tools (e.g., eLearning) to actively engage with peers*
- *Flexible work hours*
  - *Plan on-campus work during non-peak hours to ensure access to shared spaces*
- *Detailed project planning*
  - *Break down the project into smaller tasks with deadlines (see the following section)*
  - *Create a FigJam board to visualize and manage tasks*
- *Regular check-ins*
  - *Schedule regular progress meetings with advisors or team members.*
  - *Use project management tools to track and communicate progress.*
- *Data management*
  - *Optimize images and multimedia files to reduce storage requirements*
  - *Utilize external hard drives or cloud-based storage for additional*

**Capstone Project Goals (CPG's)** (*list the major steps needed to make sure you can complete your Capstone Project*).

<b>Pre-Production</b>	<i>Literature review, design mockup(s), coordinate logistics, source</i>
<b>Production</b>	<i>PDE application, STL model, hardware assembly</i>
<b>Post-Production</b>	<i>Test, present, document</i>

**Capstone Project Goals Rough Timeline (CPGC)** (*Specific Deliverables*)

<b>Kickoff</b>	<i>01/16/2024</i>
<b>Pre-Production</b>	<i>01/29/2024 – 02/18/2024</i>
<b>Production</b>	<i>02/05/2024 – 04/07/2024</i>
<b>Post-Production</b>	<i>04/08/2024 – 05/03/2024</i>

**Project Timeline**

- |                             |  |
|-----------------------------|--|
| <b>Estimated Timeline</b>   | <ul style="list-style-type: none"> <li><i>9 Weeks</i></li> </ul>                                   |
| <b>Final Timeline</b>       | <ul style="list-style-type: none"> <li><i>Final Time to Complete the Entire project</i></li> </ul> |
| <b>Timeline Constraints</b> | <ul style="list-style-type: none"> <li><i>Issues that put the timeline at risk</i></li> </ul>      |