

Capstone Project Progress Outline

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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).*

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

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

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

Project Timeline

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