

Project brief

Status Not started

Timing Date to Date

Owners [Pooja B](mailto:poojabellapu@gmail.com)

# Overview

The goal of this project is to develop a **core technology** that converts **EEG (brain signals) into speech or text** using **machine learning and deep learning models**.

# Objectives

1. Develop a Core EEG-Based Thought Recognition System
2. Design an Efficient EEG Data Processing Pipeline
3. Train a Robust Machine Learning Model for Thought Decoding
4. Enable Real-Time Thought-to-Text/Speech Conversion
5. Validate the Model with a Diverse EEG Dataset
6. Ensure a Scalable and Adaptable Architecture
7. Create a Basic UI for Output Visualization

# Strategy

### Approach

Phase 1 -

### Target audience

* Describe the audience for the project
* Be specific and make sure the audience is well-defined
* Consider demographics, accessibility, and scalability

### Measurement

* Establish clear and measurable metrics to track success or progress
* Select metrics that are relevant to the specific objectives and align with the overall goals
* Determine a baseline or starting point to measure growth and improvement over time

File File

# Roles

| Role | Name |
| --- | --- |
| Owners | Person |
| Approvers | Person Person |
| Contributors | Person Person Person |
| Informed | Person Person |

# Milestones

| Date | Milestone | Description | Expected outcome |
| --- | --- | --- | --- |
| Date | Milestone 1 | Add description | Add outcome |
| Date | Milestone 2 | Add description | Add outcome |
| Date | Milestone 3 | Add description | Add outcome |

# Open questions

| Name | Open question |
| --- | --- |
| Person | Add question |
| Person | Add question |
| Person | Add question |

# Resources

Weekly report File

Project brief File

Brainstorming session File

Research File

Marketing assets File