

Project Title

Group Members

Group Member 1 Name

Group Member 2 Name

Group Member 3 Name

Group Member 4 Name

Group Member 5 Name

Project Description

Provide a concise description of your project objectives, the problem you're addressing, and how AI will be used to solve it.

A large, empty rectangular box with a blue border, intended for the project description. The box is light gray and occupies a significant portion of the page below the instructions.

Model Selection

Specify the AI model(s) you will use and justify why you chose this model for your project.

Chosen Model:

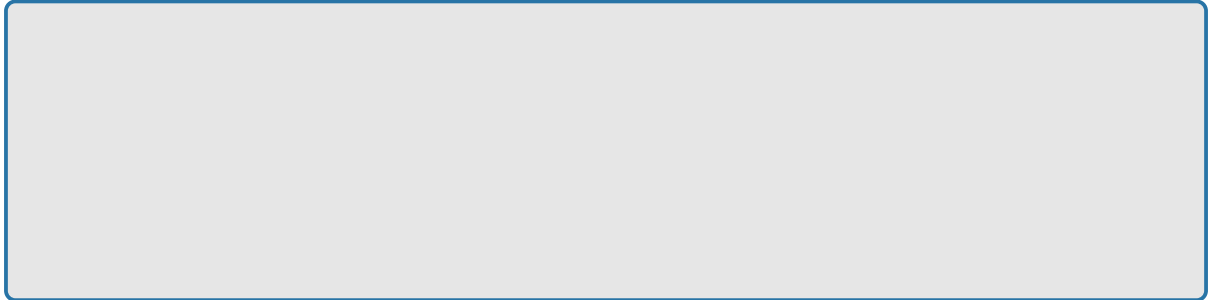
Justification:

Explain why this model is suitable for your project.

Fine-Tuning and Adaptation

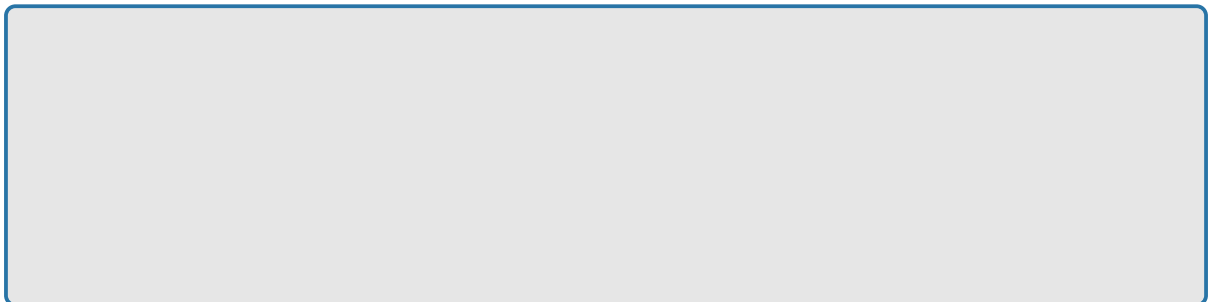
Fine-Tuning:

Describe your approach to fine-tuning the chosen model. Indicate if you're using an existing dataset or creating your own.



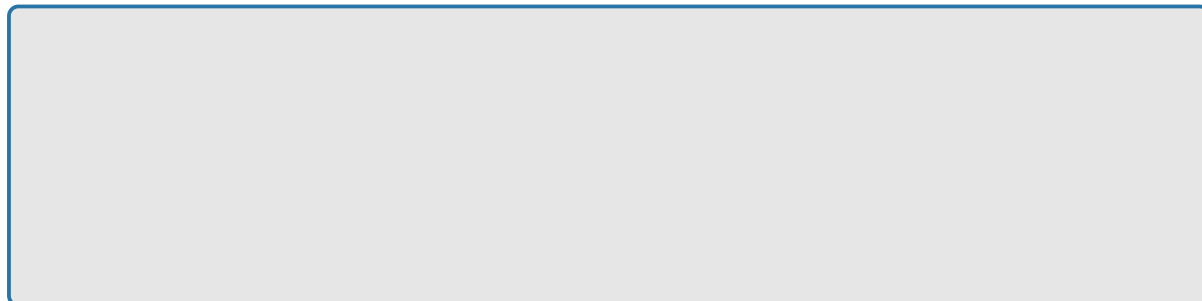
Dataset Creation:

If creating your own dataset, describe its source, format, and preprocessing steps.



Additional Functionality:

Outline any extra functionalities you plan to add (e.g., interactive components, system integration).



Contributions

Below is a list of possible contributions your project may include. You are encouraged to address multiple points where applicable:

- **New Application Idea:** Innovate by using an existing model in a new context, such as applying it to a domain or language not previously explored.
- **Fine-Tuning with Existing Dataset:** Customize a pre-trained model using an existing dataset to enhance its performance or adapt it to a specific problem.
- **Fine-Tuning with New Dataset:** Create and use a new dataset tailored to your project, and fine-tune the model using this dataset to address unique challenges.
- **Multilingual Support:** Enable support for languages other than English by fine-tuning or extending a model designed for multiple languages.
- **Cross-Modal Functionality:** Extend models to support multiple data types (e.g., text-to-speech, speech-to-text, image generation, or video analysis).
- **Improved Model Efficiency:** Optimize the model's efficiency in terms of speed, memory usage, or inference time without sacrificing performance.
- **Interactive AI Systems:** Integrate your model into an interactive system that can provide real-time feedback or responses, such as a chatbot or interactive assistant.
- **Novel Dataset Creation:** Create a novel dataset from scratch or gather data from an unstructured source (e.g., scraping, collecting, and labeling real-world data).
- **Multi-tasking Abilities:** Adapt a model to handle multiple tasks, such as summarization, translation, and classification, within a single architecture.