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Answers for the question

1. Is this how the proposed AI meme generator works, where the user gives/inputs a description of a meme and the system will generate one or more memes according to the user input?

* Yes, the proposed AI meme generator operates by allowing users to input descriptions or select specific themes for memes. Based on this input, the system generates one or more corresponding memes. The AI employs machine learning to understand varied humor styles and patterns, ensuring that the generated memes are both relatable and engaging

2. About the dataset, how do you collect the dataset of popular memes? If you use publicly available datasets, please add the link to the dataset you will use?

* We are planning to utilize a combination of publicly available datasets and proprietary data collected through web scraping techniques. This approach ensures a diverse and comprehensive meme database reflective of various humor styles. The selection of a specific dataset is still in progress, aiming for one that best matches the scope of current internet trends and meme diversity. [<https://paperswithcode.com/dataset/memeify>, <https://huggingface.co/datasets/not-lain/meme-dataset>, <https://www.kaggle.com/datasets/swathishekarand/global-meme-popularity-dataset>, <https://paperswithcode.com/dataset/harmeme>].

3. Will you use current existing AI tools to generate or select a meme according to the user's input? What tools will you use?

* The project will integrate existing AI tools such as TensorFlow for analyzing image patterns and OpenAI's GPT for generating text. These tools are essential for interpreting the user inputs and creating memes that are not only humorous but also topical.

4. Or will you implement a tool to generate a new meme based on the user's input?

* In addition to adapting existing memes, our system is designed to generate completely new memes from scratch, based on user inputs. This capability is supported by a set of custom-developed algorithms and machine learning models that allow for the creation of innovative meme templates and captions, enhancing the user's creative experience.