

# **APPLIED AI END-TERM PROJRCT**

○ **Title of the project:** Memes Generator with Captions

○ **Problem statement:** Design and develop an interactive web-based application that enables users to create customized memes using two images and personalized captions, addressing the need for a user-friendly and efficient meme generation tool.

○ **Proposed solution:**

- Implement image processing capabilities using Pillow.
- Create an interactive interface using ipywidgets.
- Use Matplotlib for image display and preview.
- Develop a Google Colab-based application using Python and relevant libraries.

○ **Technologies to be used:**

1. Programming Language: Python
2. Libraries:
  - Pillow (PIL) for image processing
  - ipywidgets for creating interactive interfaces
  - Matplotlib for image display and preview
3. Platform: Google Colab

○ **Team members:**

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