**Definition**

For our project, we are creating an image manipulator. The image manipulator supports image filters, meme generation, color enhancement, and graphics interchange format manipulation. The system is important because it will allow the user to easily create custom images, gifs, and memes.

**Analysis**

**Input:**

* **Image or GIF file to be manipulated**
  + **File extensions accepted (.png, .jpeg, .gif)**
* **Effects to be applied to the image**
  + **Accepted effects (image filter, meme creation, color enhancement)**
* **Name for the newly generated image**

**Output:**

* **Manipulated Image**
  + **Same file extension as the input image**

**Flow:**

**Design**

**Execution Plan**