

# Assignment 5

## Introduction to AI Image Generators

### Task 1: Comparative Research

Compare at least 2 AI image generators (e.g., DALL·E vs Midjourney). Evaluate them based

#### Midjourney



1. What it is
  - Midjourney is an AI image generator developed by Midjourney Inc. (an independent research lab).
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  - It creates images from text prompts, but works mainly through Discord.
2. Technology & Style
  - Based on advanced AI models for image synthesis.
  - Known for producing artistic, stylized, cinematic, and fantasy-like images.
3. Creative Image Synthesis

- Specializes in imaginative, dreamlike, and painterly visuals.
  - Example: “*A floating castle above the clouds, glowing with magical lights.*”
4. Customization Tools
- 5.
- Supports features like aspect ratios, chaos levels (creativity), blending images, and stylization controls.
  - Less focused on text editing, but great for visual mood and style control.
6. Applications
- 7.
- Popular among artists, designers, and storytellers.
  - Used for concept art, posters, fantasy worlds, cinematic scenes, and digital art creation.

## DALL·E



1. AI Image Generator – DALL·E is an artificial intelligence model developed by OpenAI that can generate images from text descriptions (prompts).
2. Based on GPT Technology – It uses a similar transformer architecture as GPT models, but is trained on text–image pairs to understand how words relate to visuals.
3. Creative Image Synthesis – It can create unique, imaginative, and even surreal images that don't exist in reality (e.g., “an astronaut riding a horse in space”).

4. Customization – Users can edit, modify, and extend images (called *inpainting* and ) to refine the generated results.

5. Applications – Used in art, design, education, marketing, storytelling, and concept visualization.

### **Task 2: Visual Design Project**

- Design a visual story using 3 image prompts





