



# PROMPT ENGINEER / AUTOMATION ENGINEER ASSIGNMENT

## **Assignment 1: Automation Task**

**Task:** Design and implement a detailed automation workflow (using python or any low code platform like n8n, zapier, or make.com) starting from data in a Google Sheets file, which contains specific input fields (descriptions, example asset URLs), desired output formats (PNG, JPG, GIF, MP3 audio), and model specifications (OpenAI or Claude). This automated process will:

- Generate outputs and store them systematically in Google Drive.
- Automatically send email and Slack notifications upon successful or unsuccessful completion.
- Log each task's success or failure details into a dedicated database.
- Compile daily logs into a comprehensive report, generate an analytics chart summarizing success and error rates, and email this summary to the admin.

## **Assignment 2: AI Prompt Engineering**

**Task:**

- Design and implement precise and effective prompts to create high-quality game assets using any AI models of the following reference assets. ([Reference Asset & Full Screen Picture](#)).
- Test and validate the effectiveness of your prompts using platforms like layer.ai or similar tools, and compare them with the provided game assets.
- Document every stage of your prompt engineering process, including rationale, testing methods, and adjustments.

## **Assignment 3: Technical Presentation**

**Task:**

- Record a comprehensive video presentation (10 minutes maximum), clearly explaining the automation workflow designed in Part A and the AI prompt engineering strategy from Part B.
- Present the final outcomes, identify challenges faced and how they were addressed, and provide suggestions for potential improvements.

Attach the outcome of assignments #1 and #2 along with the video.

**You are expected to submit your answer within 5 days after you receive the test.**

- Subject: [AthenaStudio - Prompt Engineer] Your Full Name \_Test Submit
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**THANK YOU**