

Re: AI-lity Check

Ethical Creativity,
Academic Integrity,
and learning in the
age of AI

Speaker: Tjakoen A. Stolk



Nice to meet you!



Tjakoen Stolk (TJ) is an IT leader with over eight years of experience, having held roles ranging from Technical Lead to CTO. A graduate of **Holy Angel University**, he specializes in strategic leadership and software architecture, with a proven track record of building scalable platforms from the ground up. Currently, he drives high-tech solutions as a Technical Lead at **Career Team** and teaches software engineering as a Part-Time Instructor at his alma mater.



PART 1: What is Artificial Intelligence?



These are no longer "niche" tools;
they are mainstream.

They promise efficiency and
instant answers.



How many of us use these daily
without knowing how they were
actually built?

What is Artificial Intelligence?

Systems that simulate human intelligence to perform tasks and improve based on data.

Type	Description	Examples
LLM: Large Language Models (Text)	Trained on massive amounts of text to understand, summarize, and generate human-like language by predicting the most statistically likely next word in a sequence.	ChatGPT, Google Gemini, Claude, Copilot, Grok
Image Gen	Uses machine learning models to create, visual content by converting descriptions or reference images into patterns that mimic human-created art and photography.	Midjourney, DAL-E, Stable Diffusion, Adobe Firefly
Video/Voice	Uses deep learning models to synthesize moving images and cinematic scenes from text prompts, static photos, or existing footage by predicting how pixels should evolve over time.	Sora, Runway, Veo 3, Luma Dream Machine

What is Artificial Intelligence?

Large Language Models

Gemini



In 2026, **Artificial Intelligence (AI)** is no longer just a futuristic concept; it is the "invisible engine" driving our digital and physical worlds. At its simplest, AI refers to computer systems designed to perform tasks that typically require human intelligence, such as **reasoning, problem-solving, and learning from experience.**

Unlike traditional software that follows a rigid set of "if-then" rules, AI systems use data to identify patterns and make their own decisions or predictions.

How AI Works: The Core Concepts

To understand AI, it helps to see it as a hierarchy of technologies:

- **Machine Learning (ML):** The foundation of modern AI. Instead of being explicitly

Ask Gemini 3

+ Tools

Fast

Gemini can make mistakes, so double-check it



ChatGPT

Give me pointers on a presentation for the ethical considerations of AI

Here are clear, practical pointers you can use to shape a strong presentation on **ethical considerations of AI**. I've organized them so they naturally flow into a coherent narrative you can adapt for slides or speaking notes.

1. Start With the "Why"

Set the context

- AI is no longer experimental—it affects hiring, healthcare, policing, finance, education, and creativity.
- Ethical issues arise because AI systems influence real human lives at scale.
- Emphasize that ethics is not about stopping innovation, but guiding it responsibly.

2. Core Ethical Principles to Cover



Frame your presentation around widely accepted principles:

Ask anything

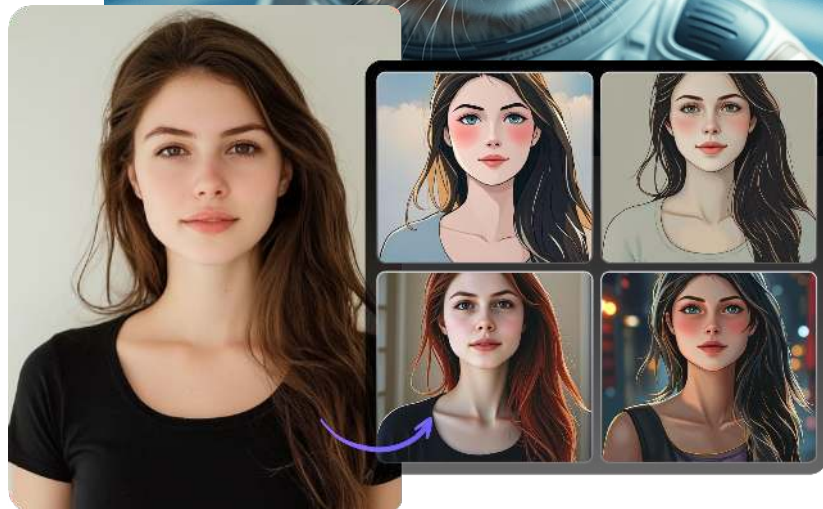
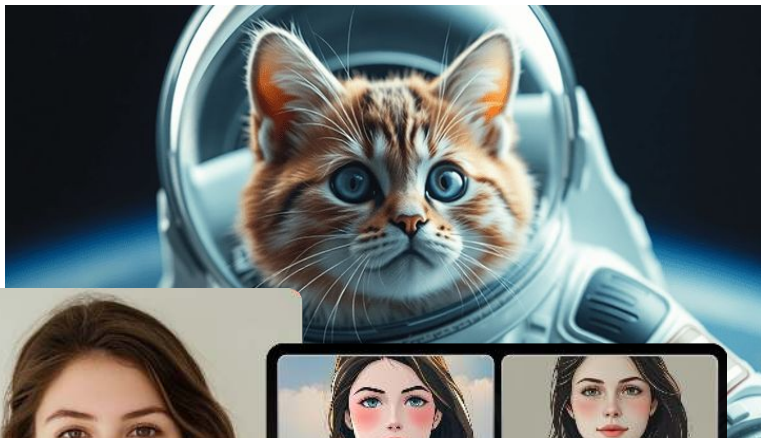


Voice

ChatGPT can make mistakes. Check important info.

What is Artificial Intelligence?

Image Generation



What is Artificial Intelligence?

Image Generation



TJ
TEAM LEAD



KENAN
SENIOR SOFTWARE
ENGINEER



JEZREEL
SOFTWARE DEVELOPER



KERC
SOFTWARE DEVELOPER



ROCHE
SOFTWARE DEVELOPER



JANRY
SOFTWARE DEVELOPER



JEMSLEY
SOFTWARE DEVELOPER



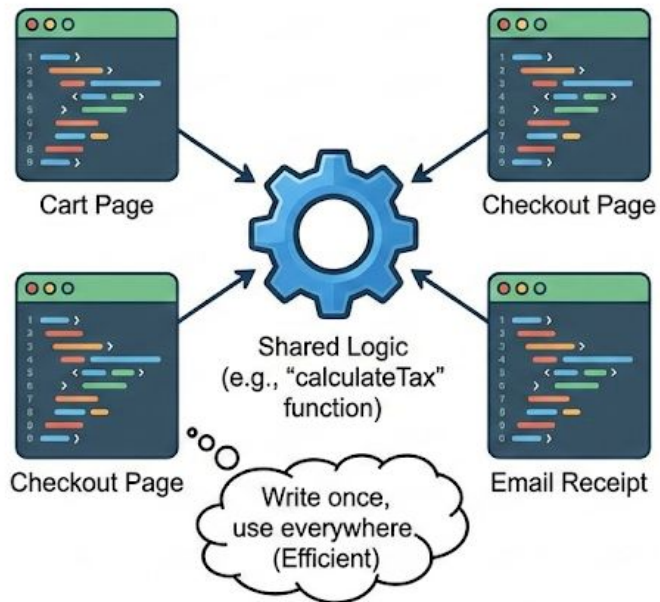
AISHA
SOFTWARE DEVELOPER



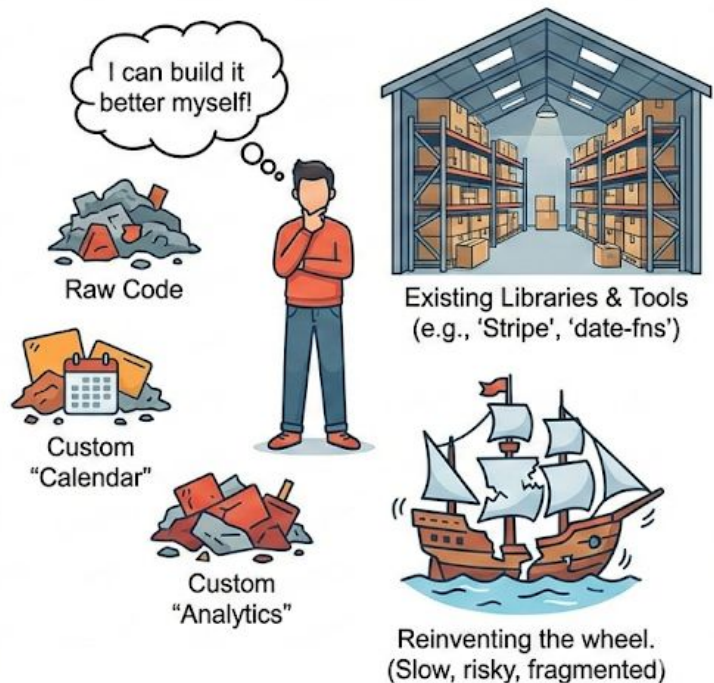
What is Artificial Intelligence?

Image Generation

DRY (Don't Repeat Yourself) Principle

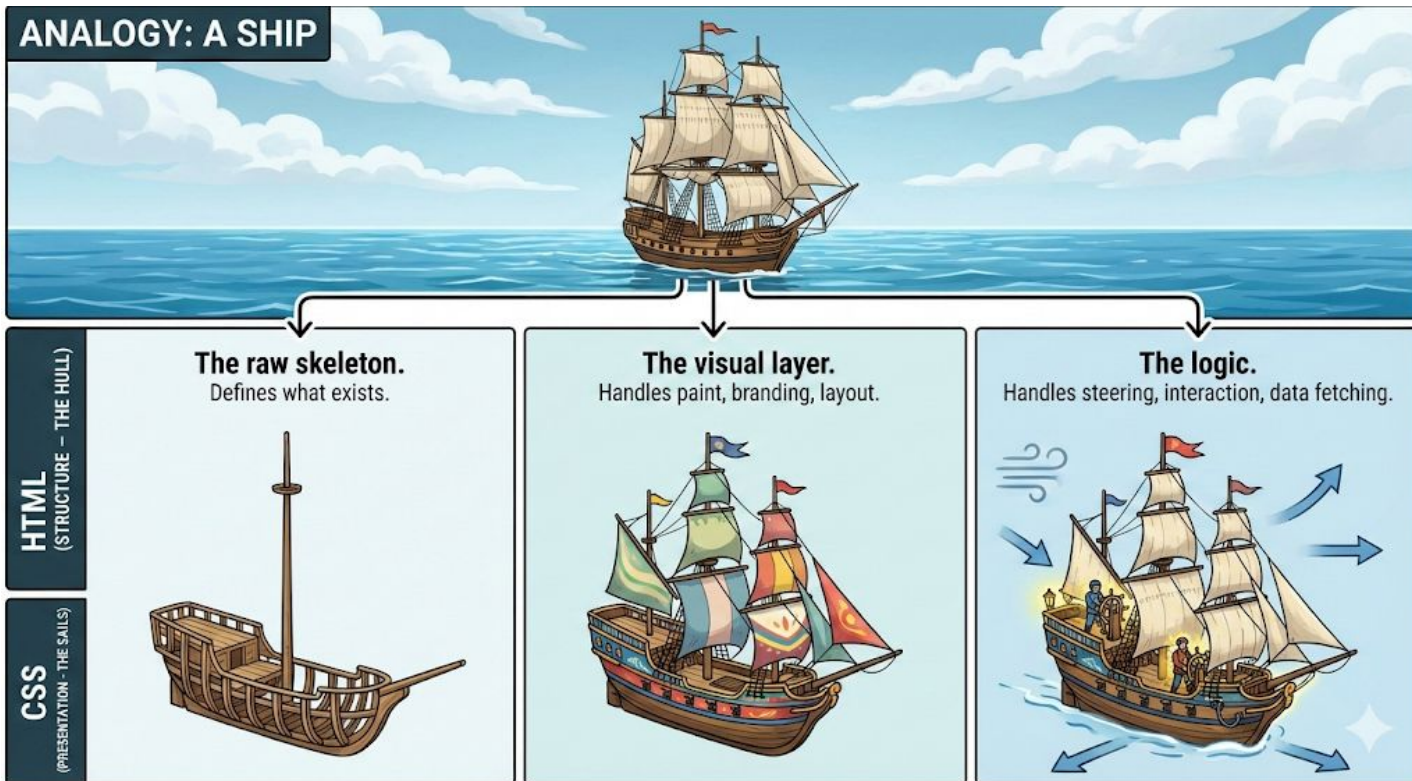


NIH (Not Invented Here) Syndrome



What is Artificial Intelligence?

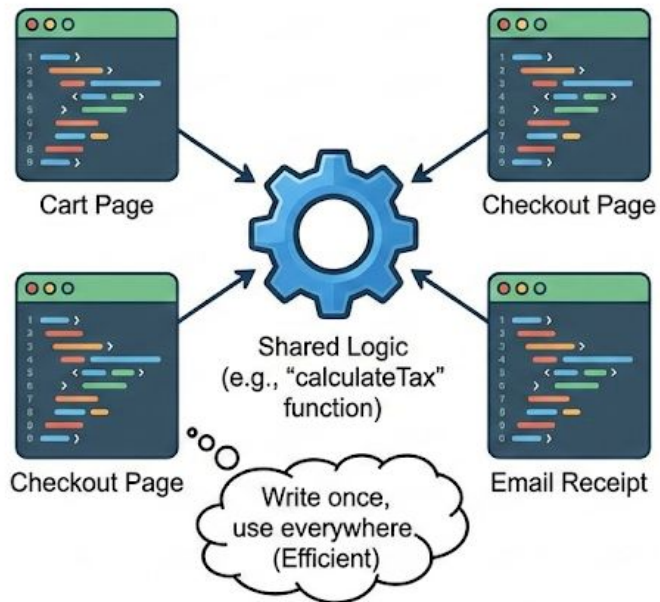
Image Generation



What is Artificial Intelligence?

Image Generation

DRY (Don't Repeat Yourself) Principle



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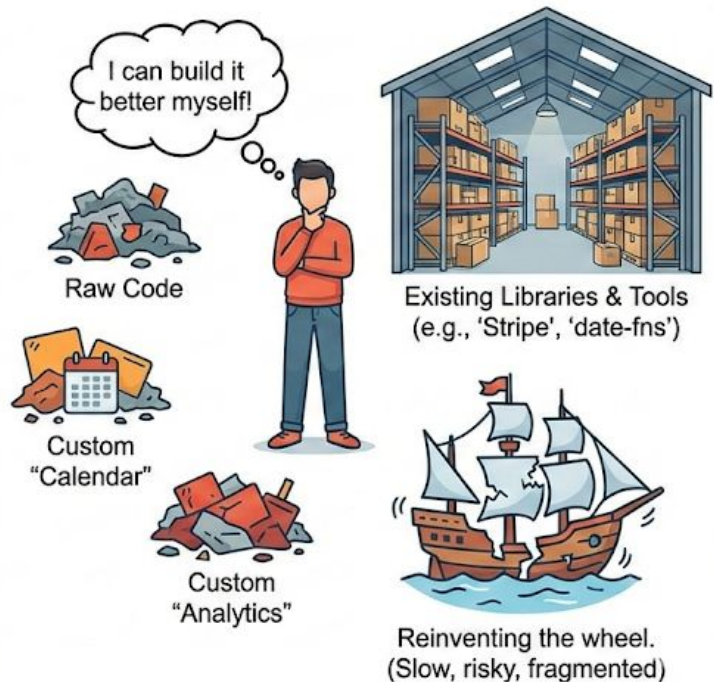
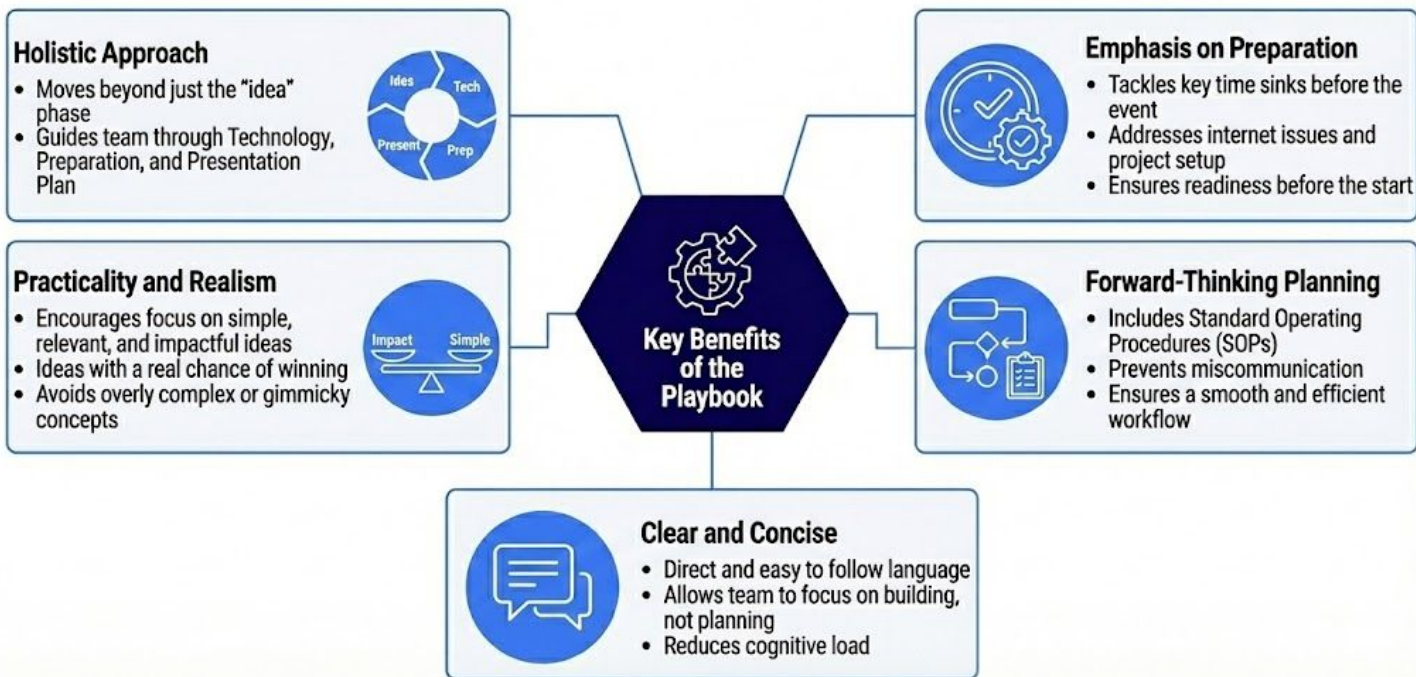


Image Generation

Hackathon Ideation Playbook: Key Benefits



What is Artificial Intelligence?

Video/Voice



The Ethical Underbelly



Data Scraping: Taking artist/writer data without consent.



IP Ownership: Who owns an AI-generated image? You or the company?



Predatory TOS: Terms of Service that claim your data for future training.



PART 2: The Academic Conflict



Every Sector is Changing, so is the Classroom.

AI is now integrated into the tools we use everyday. It offers "The Easy Road" (Shortcuts) vs. "The Hard Road" (Mastery).

The Risk: Allocating your understanding to a machine.

Over-reliance vs. Assistance

Valve v. Rothschild (2025)



What happened:

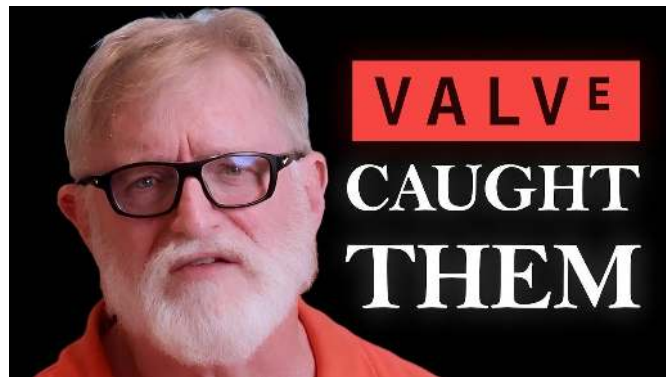
Lawyers used AI to draft a motion. The AI "hallucinated" 13 fake legal citations and quotes from non-existent cases.

The Outcome:

The lawyers lost credibility in Federal Court and were forced to apologize to the judge.

The Lesson:

If professional lawyers can fail by trusting AI blindly, so can students.



Why Effort Matters



The Temptation of "Prompt Spamming."

Learning is like muscle growth: you don't get stronger by watching someone else lift the weights.

- **The Illusion:** Submitting raw AI output feels like "winning" because the result is immediate.
- **The Reality:** You bypass the "Cognitive Struggle" required to build neural pathways.

Examples:

- Submitting AI Generated Art to a human human art competition
- Entering the Job Market after over-relying on AI to get through your studies.

The Cost of Skipping the Cognitive Struggle: Two Examples

Example 1: AI Art Submission



1. Submitting raw AI output feels like "winning".

2. The Consequence



Skill Rot

2. "Real-World Consequence": Exposed during a live art challenge or critique, unable to replicate skill.

Example 2: Job Interview Failure



1. Using AI to create perfect application materials

2. The Consequence



Skill Rot

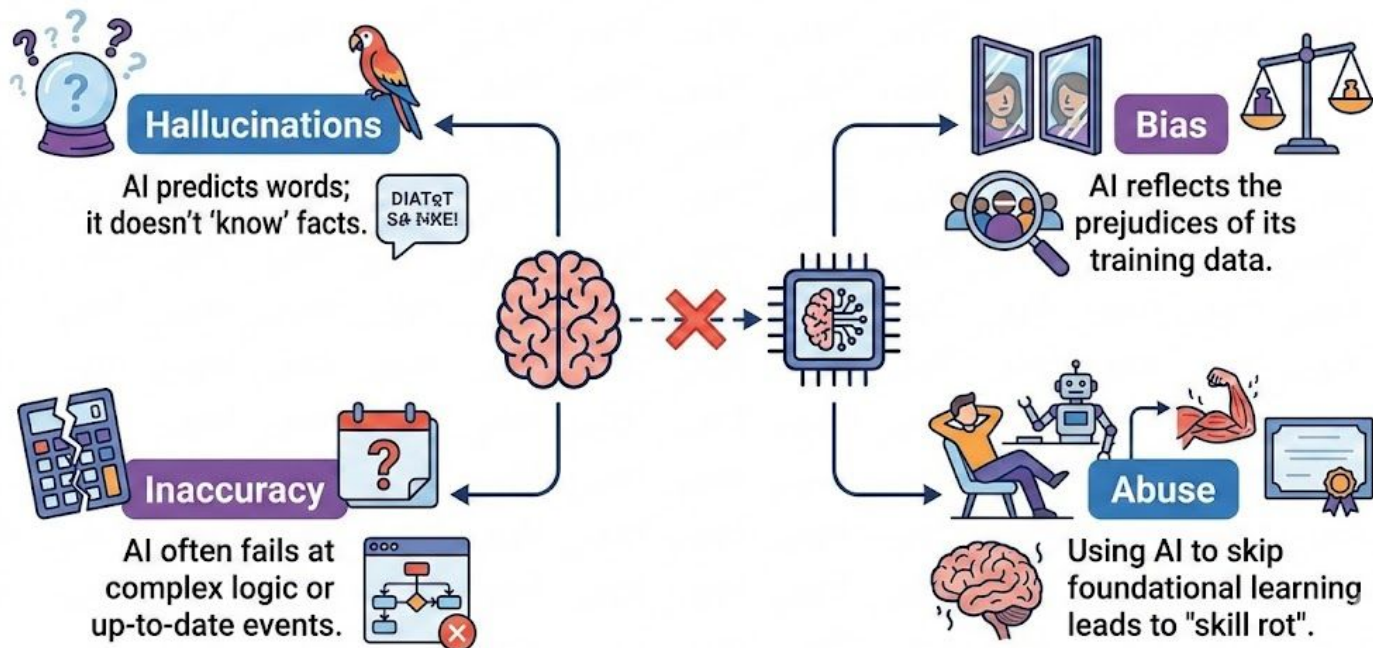
2. "Real-World Consequence": Fails technical interview due to lack of foundational knowledge.

Learning is like muscle growth: you don't get stronger by watching someone else lift the weights

PART 3: Maintaining Integrity



Why AI Can't Replace Your Brain



When & How to Use AI Ethically

	Ethical Use Cases	Description	Example
UNESCO Standards: "Human Oversight and Determination."	Brainstorming (Divergent Thinking)	Treat AI as a sparring partner to ignite your creativity, not a ghostwriter to replace your voice.	Give me 5 themes for a story about X."
https://www.unesco.org/en/artificial-intelligence/recommendation-ethics	Structuring (Organization)	Let AI build the skeleton of the project, but you must be the one to provide the flesh and muscle of the actual content.	"How should I organize a report on Y?"
	Clarifying (Personal Tutoring)	Use AI to upgrade your own understanding so you can write from a place of knowledge, rather than just copy-pasting text you don't understand	Explain this complex scientific concept in simpler terms."

Unethical Use: Submitting AI output as your own final draft.

Maintaining Integrity

Brainstorming (Divergent Thinking)

9:15 AM - 9:45 AM	Topic 2 Ethical creativity, academic integrity, and learning in the age of AI <i>Awarding of Certificate of Recognition</i>	Mr. Tjakoen A. Stolk SOC Faculty
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Speaker PPT Outline : Sir Tjakoen Stolk

Sir Guide lang po to it contains what I thought would fit into the topic for tomorrow. You can change, shift, rearrange, add or disregard sections if in your opinion it does not fit.

- Ibarreta G. B.

- Main Points
- Ethical Creativity
 - Learning in the age of AI
 - Academic Integrity

	Content Guide
Slide 1 [Title Page]	Self Introduction Brief Summary of Bionote
Slide 2 [Ethics, Power of Tools]	Do these Icons seem familiar to you? Examples: - ChatGPT - Gemini - Grok

Gemini

Show thinking

Here is the detailed content for each slide. You can copy these directly into your presentation software. I have formatted them for clarity, with **Key Headlines**, **Main Content**, and **Speaker Notes** to help you deliver the message effectively.

Section 1: Introduction & The AI Landscape

Slide 1: Title Page

- **Headline:** Ethical Creativity & Academic Integrity in the Age of AI
- **Subtitle:** Navigating the Power of Digital Tools without Losing Your Authentic Voice
- **Presenter:** Ibarreta G. B.
- **Introduction:** (Brief Bionote Summary) Passionate about the intersection of technology, law, and creative ethics.

Slide 2: Do These Icons Look Familiar?

- **Visuals:** Display logos of **ChatGPT**, **Gemini**, and **Grok**.
- **Key Points:**
 - These are no longer "niche" tools; they are mainstream.

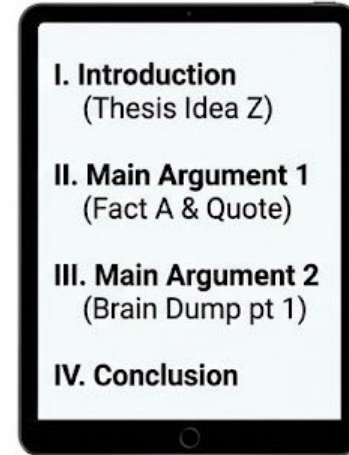
Structuring (Organization)

Raw Inputs
(Student's "Messy Ingredients")



AI Architect
(The Prompt:
"Organize into an outline")

Structured Outline
(AI's "Recipe" Blueprint)



Ethical Use: You provide the bricks, AI provides the blueprint.

Clarifying (Personal Tutoring)

**Stuck at Home:
Confusing Dart Concept**



**AI "Decoder"
(Personal Tutor)**



The Prompt:
"Explain Async/Await in Dart like
I'm 5, using a real-world analogy".

**Clear Understanding
(Mental Model Upgraded)**



The Rationale: "Study Buddy," Not "Quiz Cheat".

Use AI at home to break down complex concepts into simple analogies so *you* understand them.
Do not use it to generate answers during a quiz or exam.

#4: Production Scaling (The "Force Multiplier")

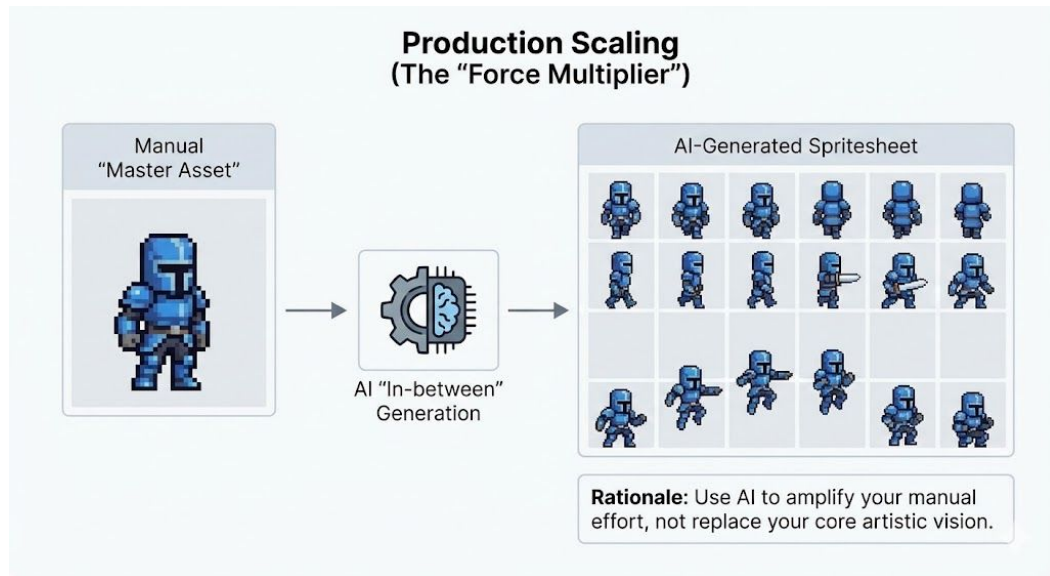
The Action: You manually design one "Master" pixel-art sprite, then use AI to generate the walk-cycles and variations.

The Role: AI acts as an In-between Animator handling repetitive labor, while you remain the Director.

"Use AI to amplify your manual effort, not to replace your core artistic vision."

✓ Ethical if the grade is for Game Design (System Integration);

✗ Unethical if the grade is for Animation Principles.



Maintaining Your Credibility

The Rule of Disclosure: If you used it, say it.

Hidden AI Use = Suspicion & Risk



Transparent AI Use = Credibility & Trust



Transparency is the
antidote to suspicion.



Cite your "AI Assistance"
in your methodology or
references.



Your credibility is your
most valuable asset in
your career.

Looking Forward

The Reality is
AI is Here to Stay



Tools Don't Create Evil. People Do.

The Calculator didn't kill Math, it changed how we do it.

- Hating the technology won't stop it.
- The goal is to be **AI-Literate**, not **AI-Dependent**.
- Usage defines the ethics of the tool.

Encouragement: Stay Authentic

Your Current Self vs. Your Potential Self

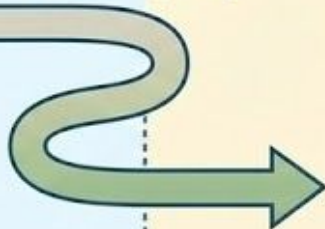
Current Self (Authentic & Growing)

It feels worse than AI right now, but it's real.



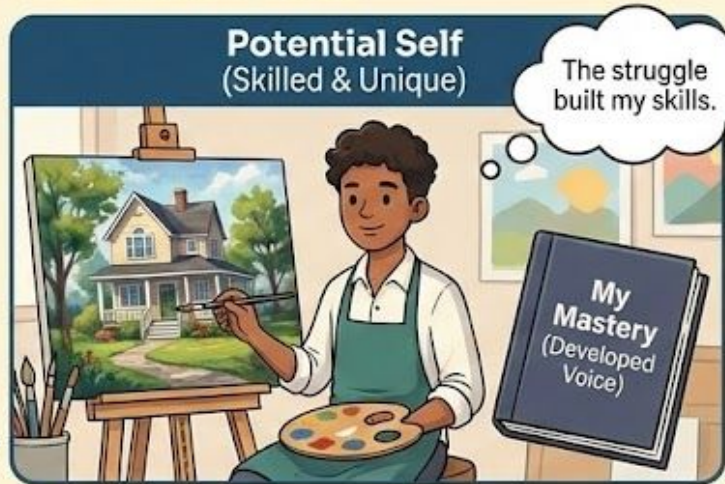
Your current work might feel "worse" than AI output, but it is authentic.

Practice & Experience
(The Only Way)



Potential Self (Skilled & Unique)

The struggle built my skills.



Practice and experience are the only ways to get better.



Don't trade your long-term growth for a short-term grade.

“

Closing Quote: *“Stay true to your voice; the machine doesn't have one.”*

”

Thank You!

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