Practical examples of AI in Moodle

moxis

80%

Of workers will have their job impacted by AI

[2303.10130] GPTs are GPTs: An Early Look at the Labor Market Impact Potential of Large Language Models (arxiv.org)

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20%

Of workers will >50% of tasks impacted

[2303.10130] GPTs are GPTs: An Early Look at the Labor Market Impact Potential of Large Language Models (arxiv.org)

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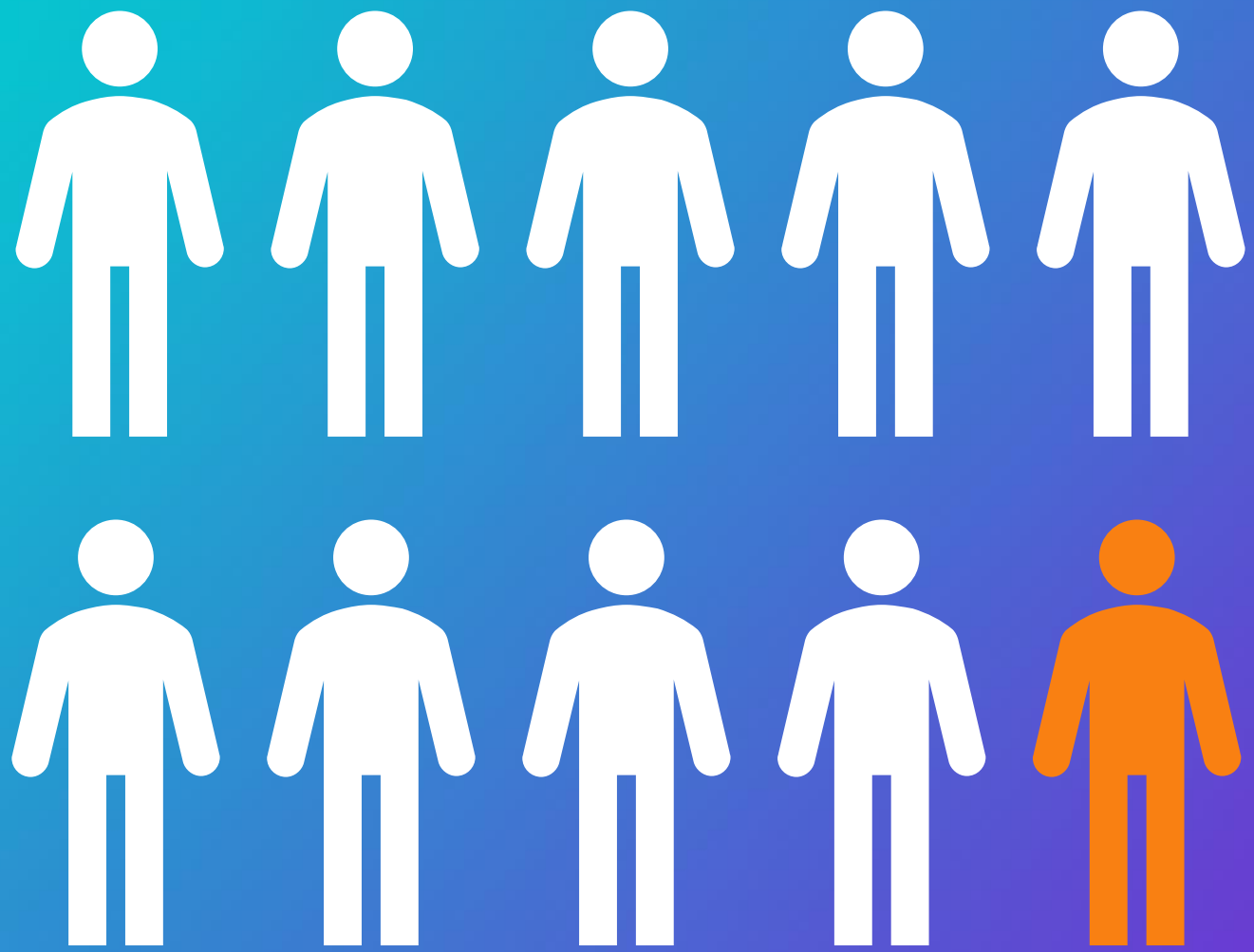

of workers say the day-to-day currently involves AI

Salesforce.com/news/stories/digital-skills-bases-experience

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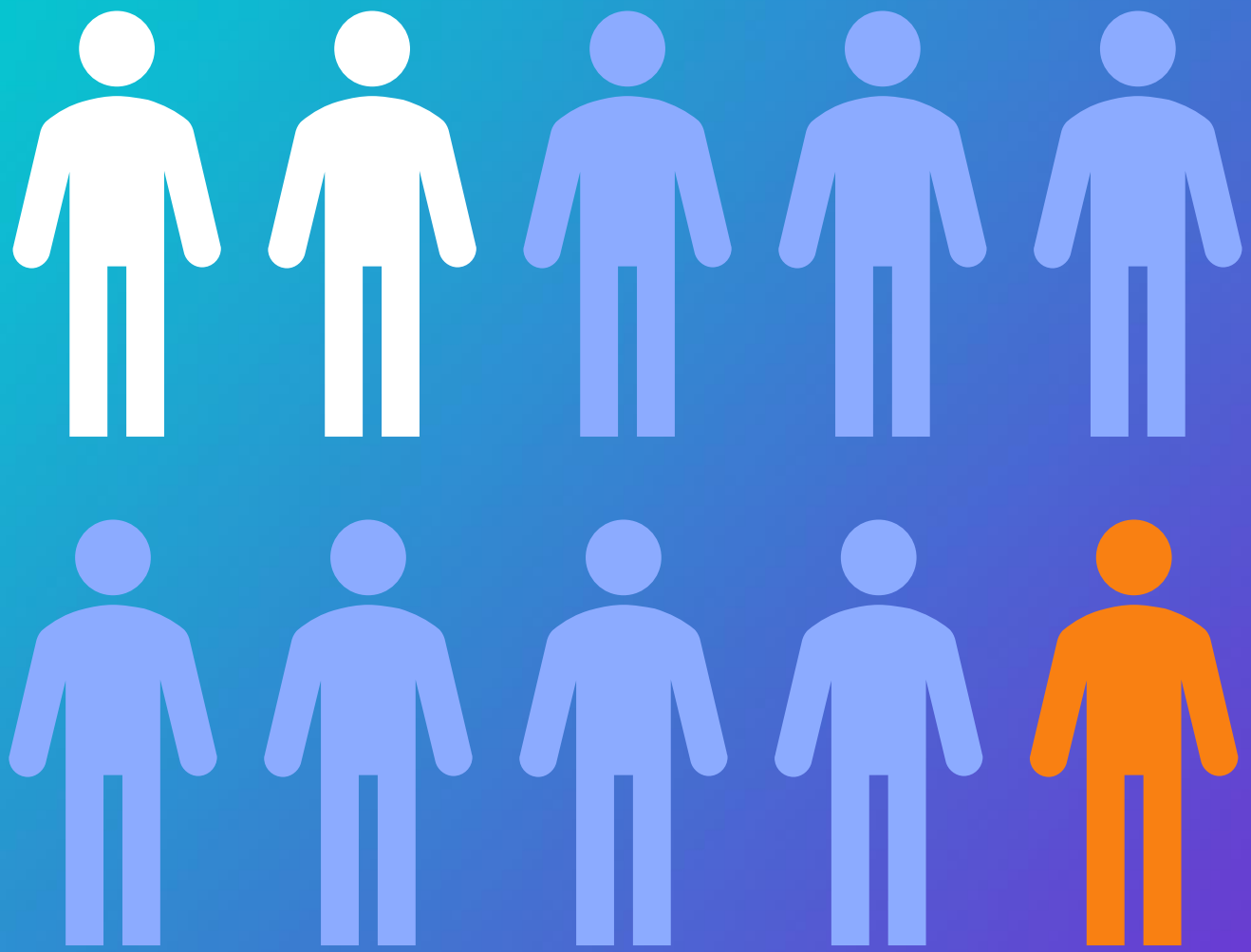
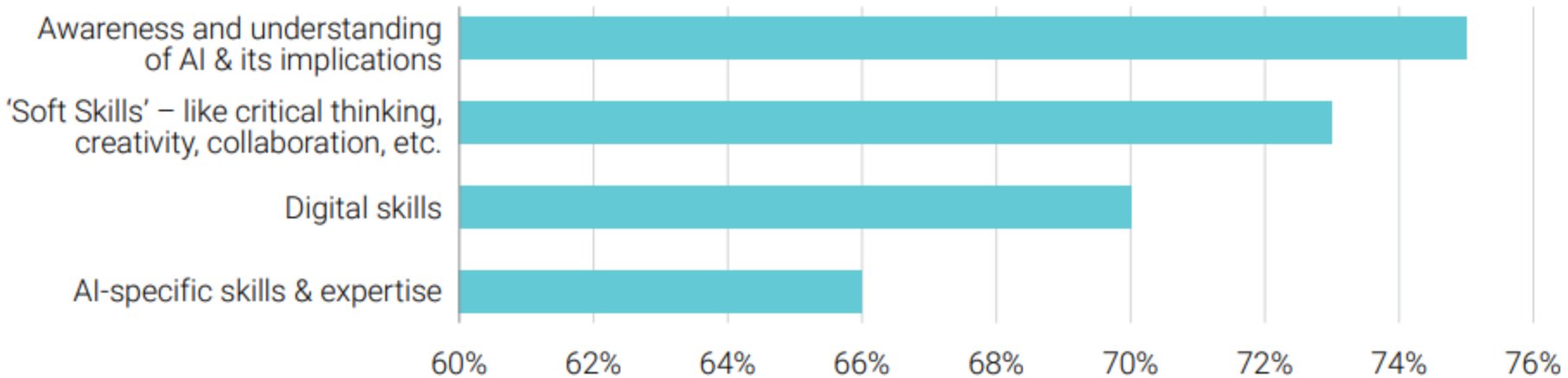


of workers which will need new skills on AI

Salesforce.com/news/stories/digital-skills-bases-experience

Broad Skills Needed by Students

(DETE AI Skills Survey; n = 146)

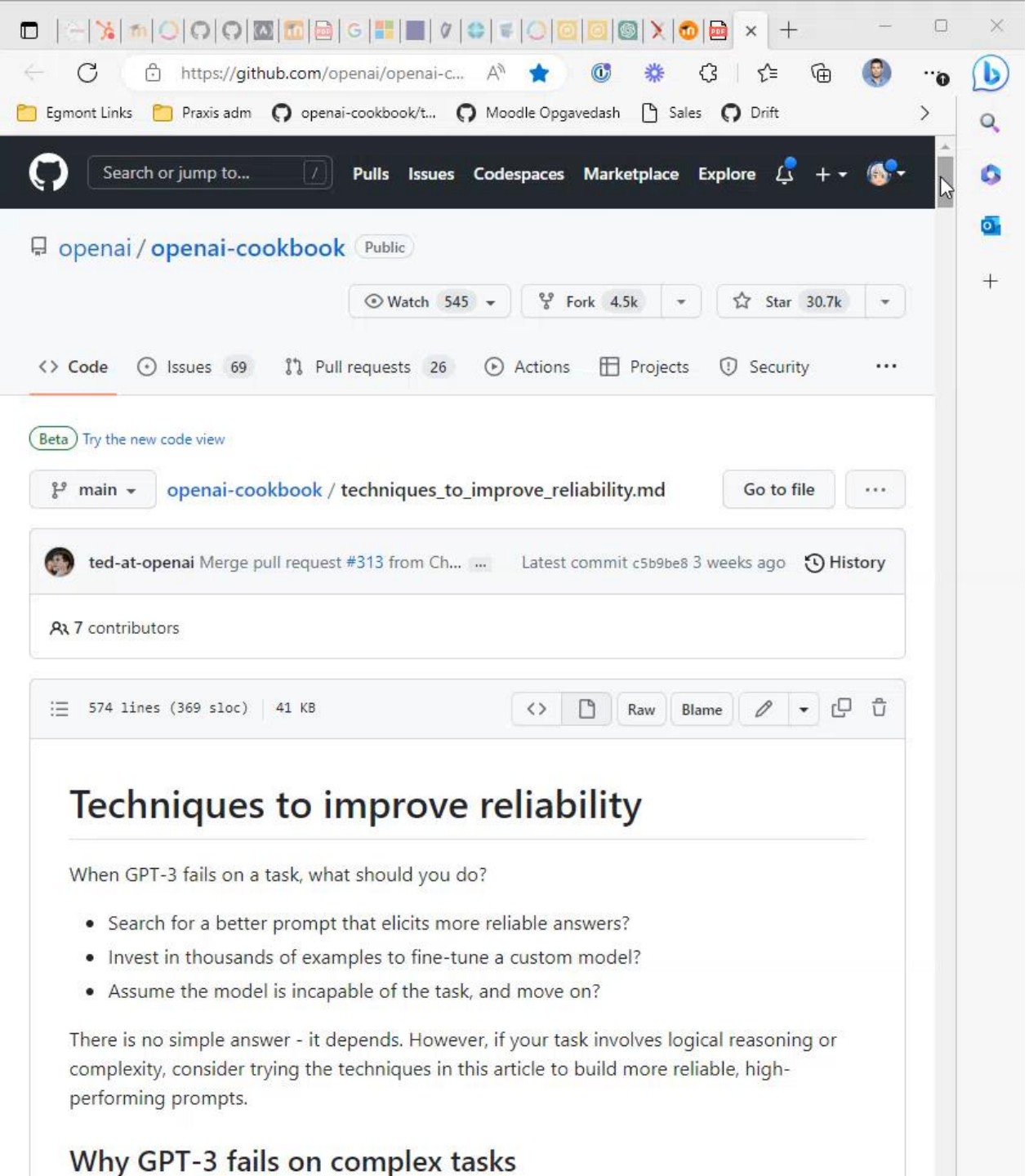


Question (for Educators):

What skills should your organisation be imparting to students / learners / trainees so that they are fully prepared for what AI will bring in the next 5-10 years?

(Select all that apply.)

ai-skills-report.pdf (skillsireland.ie)



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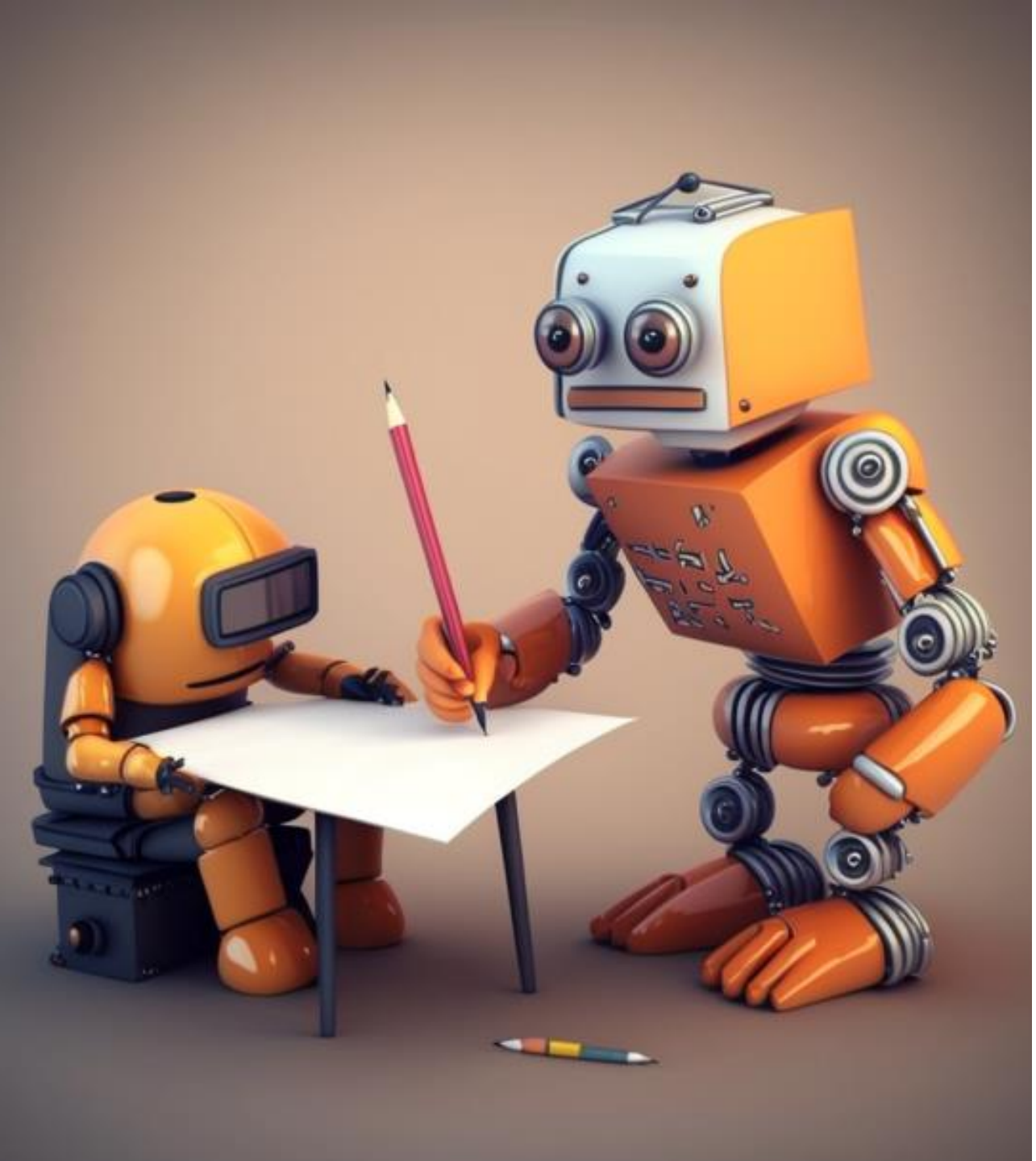
Prompt Crafting

- To instruct a AI will be a 21st century skill
- openai-cookbook/techniques_to_improve_reliability.md at main · openai/openai-cookbook (github.com)



AI Writer

- Train your students in crafting AI-prompts

Steps in assignment

1. Instructur creates AI training
2. Participant writes with help of AI
3. Instructor/ grader gives feedback

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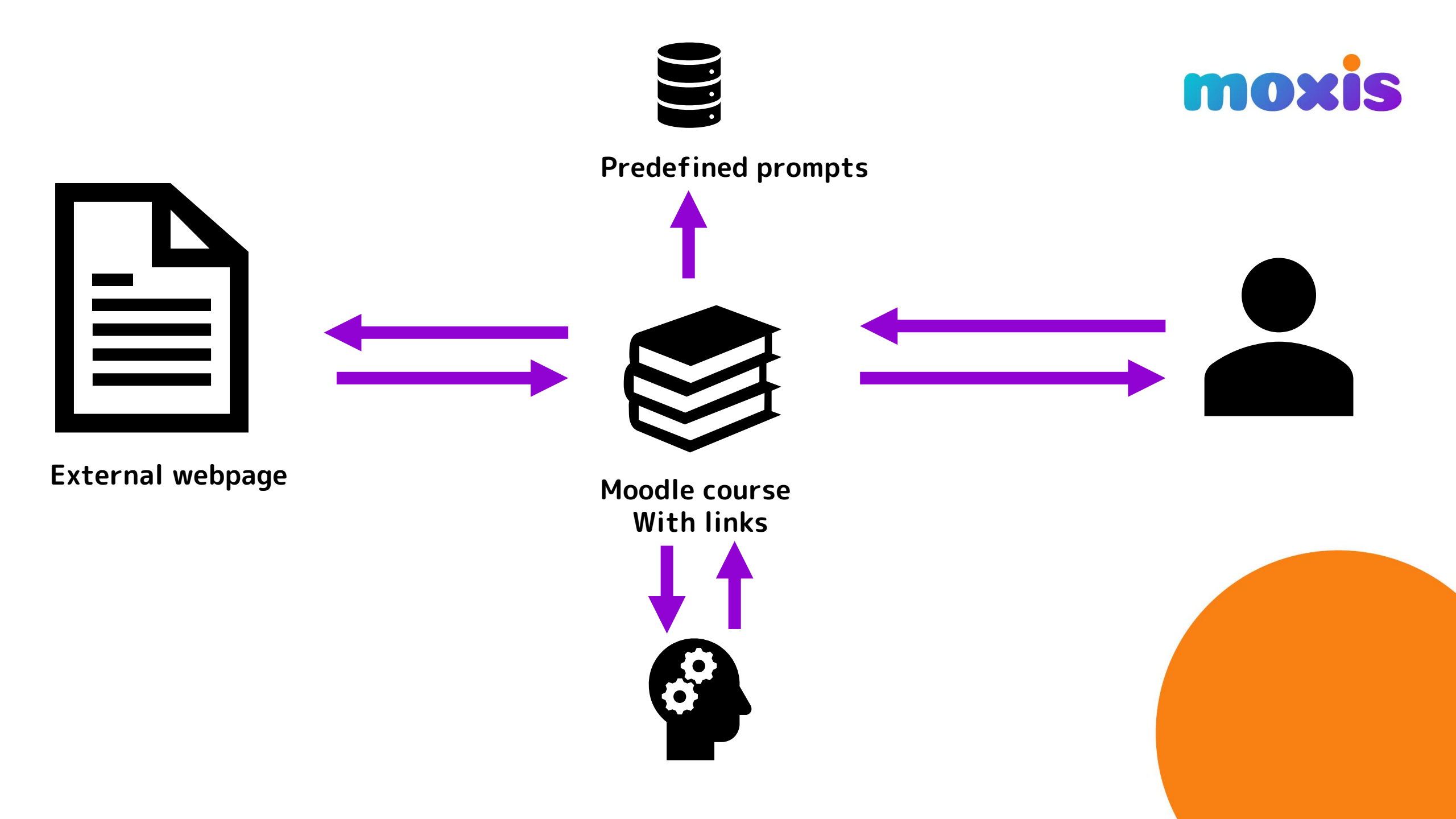
DEMO

SmartLink

- Students sometimes struggles to read text
- Can we somehow enhance the reading experience


Predefined prompts
External webpage
Moodle course
With links

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ImageGenerator

- Image gen with OpenAI

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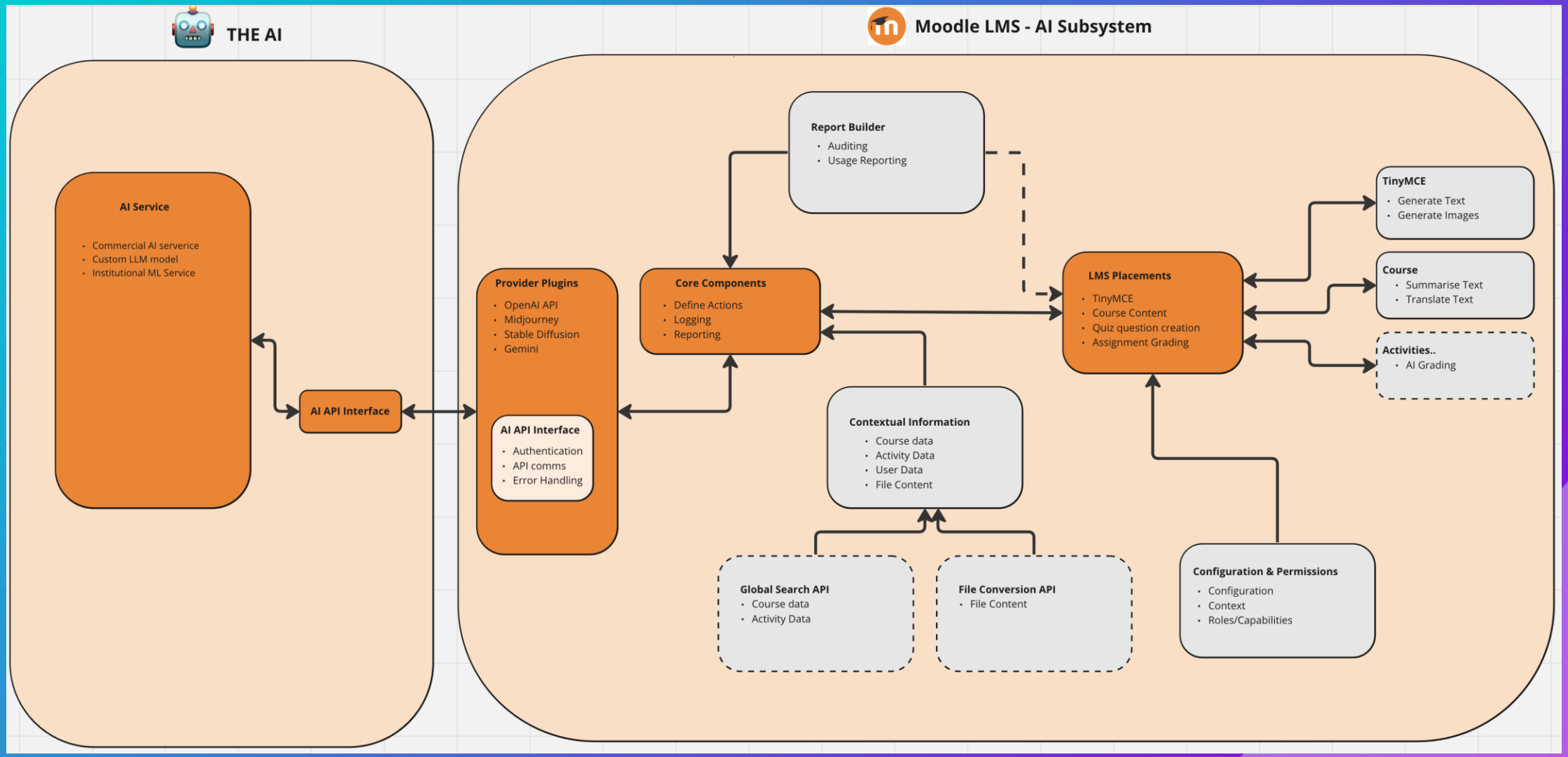
DEMO


THE AI
Moodle LMS - AI Subsystem
AI Service
Commercial AI serverice
Custom LLM model
Institutional ML Service
AI API Interface
Report Builder
Auditing
Usage Reporting
Provider Plugins
OpenAI API
Midjourney
Stable Diffusion
Gemini
AI API Interface
Authentication
API comms
Error Handling
Core Components
Define Actions
Logging
Reporting
LMS Placements
TinyMCE
Course Content
Quiz question creation
Assignment Grading
TinyMCE
Generate Text
Generate Images
Course
Summarise Text
Translate Text
Activities..
AI Grading
Contextual Information
Course data
Activity Data
User Data
File Content
Global Search API
Course data
Activity Data
File Conversion API
File Content
Configuration & Permissions
Configuration
Context
Roles/Capabilities

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