GENERATIVE AI IN XR

OUR GOALS

- **To deepen our understanding of generative AI tools.**
  - ✓ Omnia has an "AI" workgroup, of which generative AI usecases in education are goals.
- **To create 'no-code' XR experiences for learning.**
  - ✓ Omnia has an "XR facilitation" workgroup, of which facilitation, guidance and sharing best practices when creating own XR experiences are goals.
- **To meet the changing needs of teachers in vocational education.**
- **To offer our students experience with AI and XR tools and content.**

IN PRACTICE

"7 new wonders of the world" via a ThingLink VR scenario experience.

1. Ask Skybox for 360 images.

2. Ask Copilot about each wonder.

3. Use this text to create "talking head" videos in Colossyan.

4. Use this text to create speech audio in Speakperfect tool.

5. Ask Copilot to create questions and answers about each wonder.

6. Ask Copilot for images of tourists at these wonders.

7. Ask Luma AI for 3D models of these wonders.

THINGLINK

Tool name & link	Tool goals	Free version limits	Pricing options	Free usage registration requirements	FIN language support	Added value	Paid plans
ThingLink	Interactive tags on content: 2D or 360 image. 2D or 360 video. 3D model. Chain content into a scenario. Provide 2D and immersive VR viewing of content.	60 days.	Free or paid plan.	Registration required.	User interface.	Interactivity, Accessibility.	From 55 EUR / Year

- Link to usecase (VR mode).
- Link to usecase (non-VR mode).

OMNIA

THINGLINK "SCENE" EDITOR VIEW
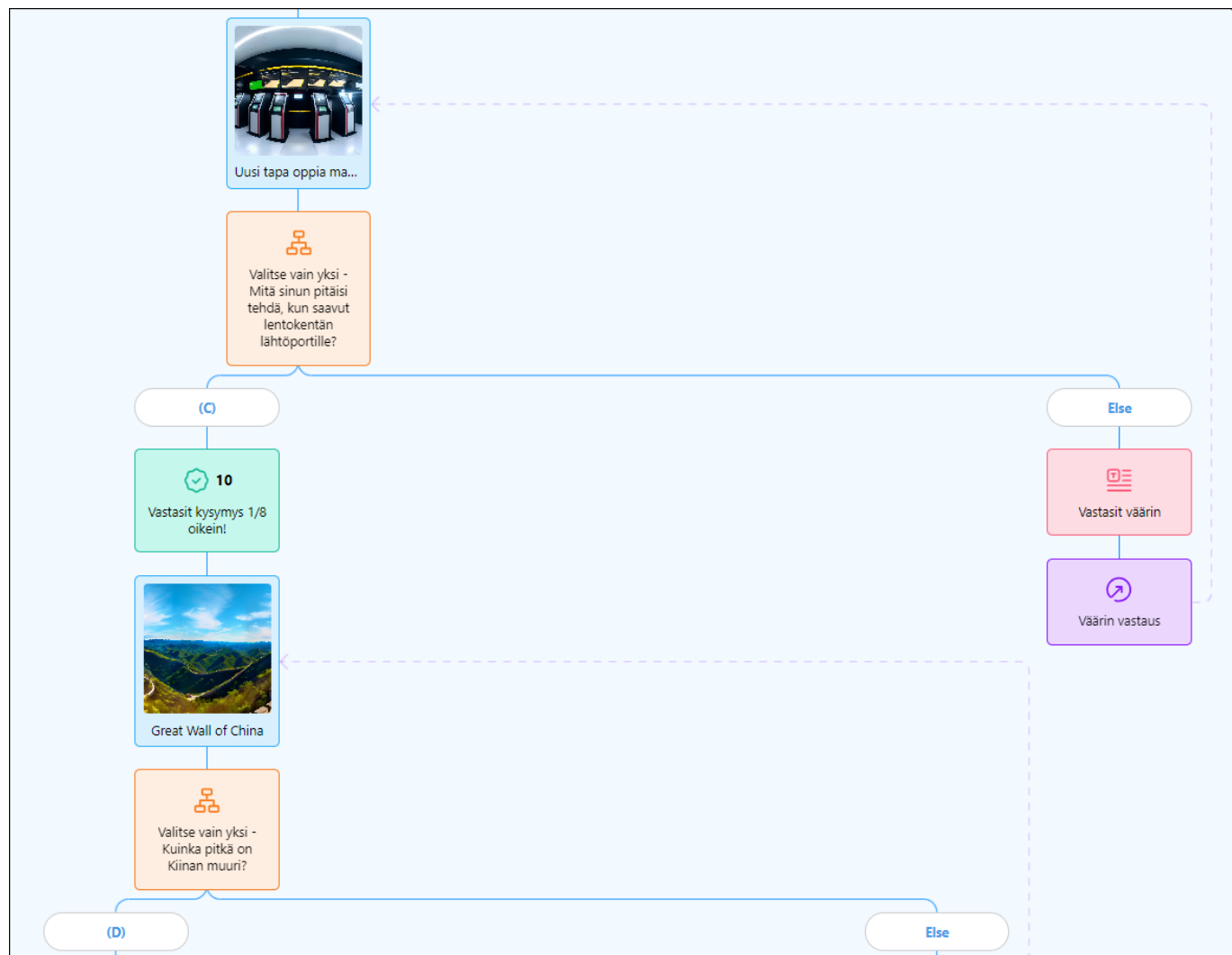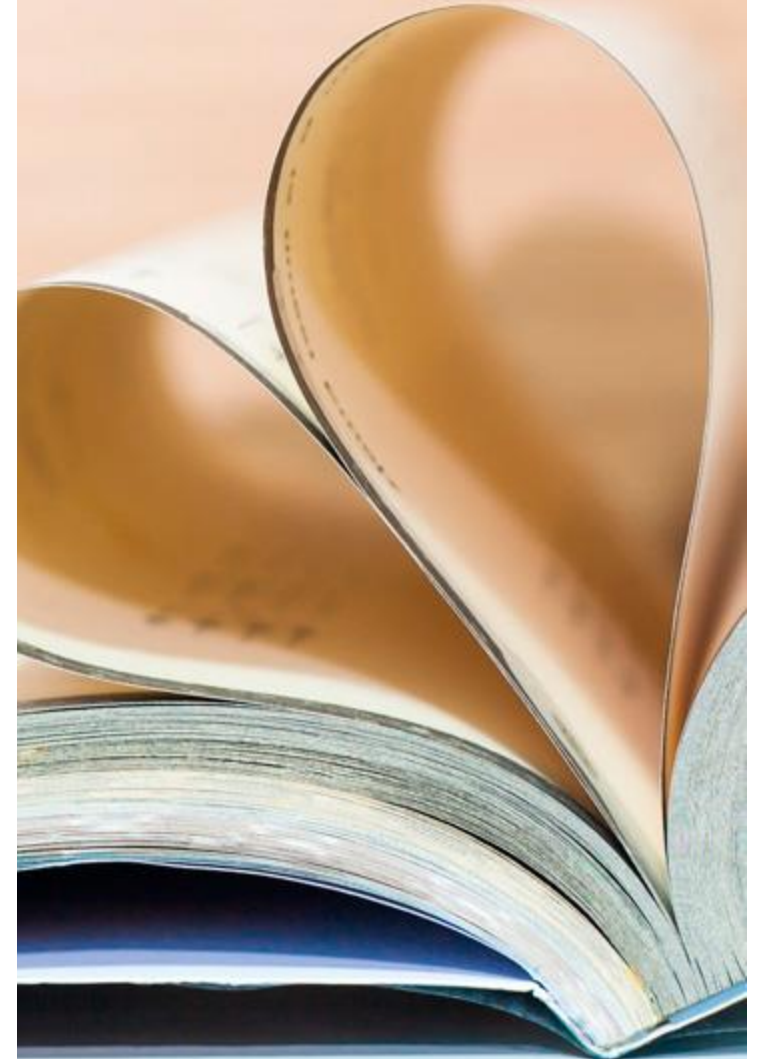
THINGLINK SCENARIO EDITOR VIEW

AI-BASED TOOL BREAKDOWN

Tool name & link	Tool goals	Free version limits	Pricing options	Free usage registration requirements	FIN language support	Added value	Paid plans
Copilot	Text > Text or images.	Your data.	Free or paid MS365 account.	No registration required.	Prompts, responses and user interface.	Time saving.	From 19 EUR / Month
Skybox	Text > 360 images.	5 images per time.* Skybox logo.	Free or paid plan.	No registration required.	None.	Impossible made real(ish).	From 11 EUR / Month
Colossyan	Text > 'Talking head' presentation videos.	5 minutes per account. 14 day full feature trial.	Free or paid plan.	Registration required.	Prompts translated to English. Finnish speaker language available.	Time saving.	From 18 EUR / Month
Speakperfect	Text > Audio.	2000 words per account.	Free or paid plan.	Registration required.	Prompts translated to English. Finnish can be spoken (poor pronounciation).	Time saving.	From 6 EUR / Month
Luma AI	Text > 3D models.	None found so far.	Free.	No registration required.	None.	Time saving. Impossible made real(ish).	None.

FEEDBACK AND IMPROVEMENTS

- Better controller-use guidance for new XR users.

- Give more incentive to look around the 360 images.

- Break up each location into multiple scenes and seperate video content into smaller parts over the added scenes.

- Additional questions between the new scenes.

- Design a storyboarding method for other teachers to create their experiences.

GENERATIVE AI ADOPTION TAKEAWAYS.

- Don't work alone, work in small teams if possible.
- Look for each tool's possibilities and restrictions.
  - ✓ Discover these hands on if possible.
- Test the tool results in authentic learning scenarios.
- Ask for feedback from peers and students.
  - ✓ Was there added value from the tool?
- Share the knowledge! 😊

BONUS TIP

WondaVR – AI-based conversational avatar in an XR experience.

More information: wondavr.com/ai

Max 5 messages / session in the free version.

Example: https://wvr.li/jofhq1