

Build an interactive lesson with AI

One web page, no coding · Faculty of Information Technology · 16 October 2026



ASIA-PACIFIC
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Why A single web page is the easiest way

Ask for one self-contained HTML file

- Opens in any browser, phone or laptop. No install, no login.
- ChatGPT, Gemini and Claude build it with a live preview.
- One file to share: a link, the LMS or Google Sites.

Good for practice, not for marks

A page **cannot send scores back to you**. Use it for practice and revision. For marks, use your LMS quiz or a Google Form, or ask for a summary screen students screenshot.

Pick A format, then name it with its keyword

Keyword to use	Good for	Ask for these functions
Interactive quiz game	Formative practice, revision before a test	Instant feedback with a reason, score, shuffle, Restart button
Flashcards	Terms, definitions, formulas, drug names	Tap to flip, shuffle, "I know this" pile
Drag-and-drop sorting or matching	Classifying, putting steps in order	Check button, highlight wrong items, works with touch
Branching scenario	Case studies, clinical, ethical or business decisions	Each choice leads to a different outcome, with feedback
Interactive simulation	Cause and effect, formulas, models	Sliders that change a chart or a result live
Interactive timeline or infographic	History, processes, data stories	Click each point to reveal details, icons, simple charts
Interactive 3D atlas (advanced)	Anatomy, geography, structures	Rotate, zoom, click labels. Test it on a phone: 3D is heavier.

Add style keywords too: **minimalistic design** (clean, few colours), **motion design** (animations and transitions), **one-page website** (one scrolling page, not several).

Prompt Context says why. Keywords say what.

You are an experienced [subject] lecturer. Build an [interactive quiz game / branching scenario / ...] for [year] students on [topic], to practise CLO [n]: [CLO wording]. Base the content only on the attached notes.
Format: a single self-contained HTML file. One page, no login, no external links or data, works on a phone.
Style: minimalistic design, navy and white, large readable text.
Function: [10 questions / 6 decisions], instant feedback with a short explanation after each answer, a hint button, a score at the end and a Restart button.
Privacy: do not ask for or store student names or any personal data.

Attach your lecture notes or slides, so the content comes from your course and not from the internet. No student data in the files.

Build Where to make it

ChatGPT

1. Turn on **Canvas** in the tools, or start with "Use canvas".
2. Paste the prompt; click **Preview**.
3. Download the code as *lesson.html*.

Gemini

1. Choose **Canvas** under the prompt box.
2. Paste the prompt; try the **Preview**.
3. **Share** a link, or download the code.

Claude

1. Paste the prompt.
2. It builds an **artifact** beside the chat.
3. **Publish** a link, or download the file.

Attach your notes every time. Menu names change often: look for Canvas, Preview, Share or Publish. If sharing is blocked on your AIU account, download the file.

Improve Then fix it in the same chat

- "It doesn't fit my phone. Fix the layout for small screens."
- "Make the text bigger and the colours higher-contrast."
- "Shuffle the questions each time it starts."
- "Add 5 more questions on *[subtopic]*, from the notes only."
- "Add the Thai translation under each question."
- "When I click *[button]*, *[what happens]*. Fix it."
- "Show the final score with the CLO it practises, so students can screenshot it."
- "Give me the complete file again, with nothing left out."

Check Before students see it

- ☐ **Correct:** every answer, hint and explanation checked against your notes.
- ☐ **Works:** opened on a phone and on a laptop, every button tried.
- ☐ **Readable:** large text, strong contrast. Right or wrong is not shown by colour alone.
- ☐ **Private:** asks for no names or IDs. No links you did not ask for.
- ☐ **Aligned:** you can say which CLO it practises.
- ☐ **Tried by someone else:** one colleague or student tried it before the class did.

Share Get it to students

Option	How
Link	Gemini Share or Claude Publish . Paste the link into your LMS or class chat.
Google Sites	Insert → Embed → Embed code , then paste the whole HTML. It runs inside the page.
LMS	Upload <i>lesson.html</i> as a file. Students download it and open it in a browser.

Google Drive shows the code of an .html file, not the page, so share a link or use Google Sites instead.

Assign Or let students build one

Task: "With AI, build a one-page interactive explainer on *[topic]* for next year's students." Students submit: **1** the link or file, **2** their prompts, **3** three errors the AI made and how they fixed them, **4** the CLO it explains, in their own words.

Mark 3 and 4, not the code: they show understanding and checking, which AI cannot do for students. Say what AI use the task allows.