

# HTML and GitHub

There are a range of interactive learning objects that you can choose from but you can always use your imagination and create new ones.

Here are a few suggestions:

- Tabs (with or without images)
- Accordion
- Steps
- Click and reveal (with images)
- Click and reveal (with a next button, one at a time)
- Reveal and strikethrough
- Click and slide up
- Word circle (images on the outside, information pops up in the middle)
- Click and reveal with left side bar headings
- Spinning wheel
- Timeline
- Checkbox tick

## Step 1 – Use code that works.

Firstly create your HTML Learning Object or Activity using your AI of choice (E.g. Copilot, Gemini, ChatGPT, Claude). Copy and paste the code once you are happy with it. If you are not sure how to do this follow step 2.

## Step 2 – Use AI to develop HTML Learning Activity

Go to AI and tell it what you would like to it to produce. Include these things in the prompt. If you are using Copilot or ChaptGPT you will need to ask Copilot or ChatGPT to provide you with a download link to the HTML file when it is complete. Ensure you are using the “Canvas” settings in tools and use “Think Deeper” in the type of thinking – not fast. If you are using Gemini, select “Canvas” in the tools and Pro for the speed. Do not use Fast. It will create a preview so you can see your interactive.

- Instruct the AI to what type of HTML learning activity you want or just use the words “Create an HTML Interactive Learning Object”.
- Provide the hex or RGB code to your brand colours.
- Tell it the font you would like to use – Open sans, sans-serif (or tell it the platform you are using e.g. Kajabi).
- Use Australian English (analyse instead of analyze). Use a Professional tone and make it friendly.
- Use plain English with Professional but friendly tone.
- If you want to use an image or icon with the activity, tell AI to provide the icon or image or put in a placeholder where the image will go. If you want to upload your own

image, tell the AI you will upload the image to Github with the same name as the learning activity or heading.

- If you have the content – Provide the new content that you would like in the Interactive Learning Object. It is best to break down the headings and the content. E.g. Heading 1 – Communication, Content 1 – Greeting the customer... etc. This will help make sure the AI doesn't get confused with your content.
- If you don't have the content – ask the AI to provide the content with the main topics or headings.
- If you already have a previous example code of an HTML interactive code that works, provide the example code.

### E.g. Prompt

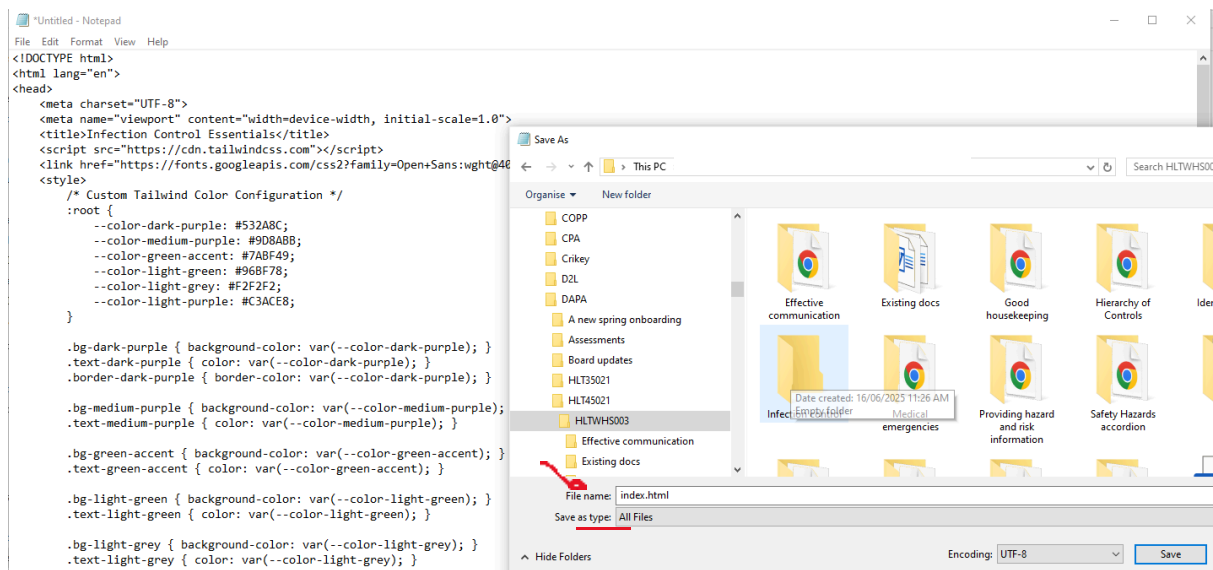
- **\*\*I would like to create a HTML accordion interactive learning activity on good customer service. \*\*Use the brand colours hex #1f2a52, #00bec7, #d2f0f0, #8fa1a6, #aed9d9. Use font Open San Sans-serif\*\*Use Australian English (analyse instead of analyze). Don't make it too informal. Use plain English and a Professional and friendly tone.\*\* The audience is a new customer service officer. I would like an accordion interactive. Provide the first three steps to welcome a customer into the store. \*\*The container size needs to be 100% or full width. Have a light grey background to the container.**

### Step 3 – Save the new code in Notepad or Save as a new HTML file

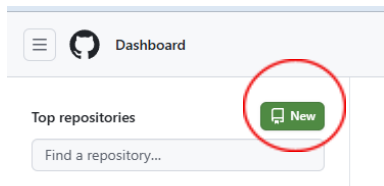
If you are using Copilot or ChatGPT – Once the file has been downloaded follow the steps below.

If you are using Gemini - Once you are happy with the new code, Open Notepad on your desk top. Copy and paste the new code into a blank template.

- Create a new folder. Save the file in a new folder with the same name as your activity. E.g. Customer Communication. Open the new folder. Change the name of your new HTML Interactive. Call the file **index.html**. **(This is very important)**. **Change the file type.** (Just below where you have typed index.html). **Save as type – make sure it says All files.** Encoding should state UTF-8. **Then save.**



## Step 4 – Login to your GitHub account. On the home page create a new repository.




## Step 5 - Give it a new name

Type in the **file name** of your new activity **first**. Don't touch anything else and select the green button – **Create repository** (it's down at the bottom) when you have typed in the title.

### Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)



Required fields are marked with an asterisk (\*).

Owner \* / Repository name \*  
 

Your new repository will be created as `General-infection-control_Tab-activity`.  
The repository name can only contain ASCII letters, digits, and the characters `.`, `-`, and `_`.

Great repository names are short and memorable. Need inspiration? How about [upgraded-broccoli](#) ?

Description (optional)

-  Public  
Anyone on the internet can see this repository. You choose who can commit.
-  Private  
You choose who can see and commit to this repository.

Initialize this repository with:

- Add a README file  
This is where you can write a long description for your project. [Learn more about READMEs.](#)


Add .gitignore

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

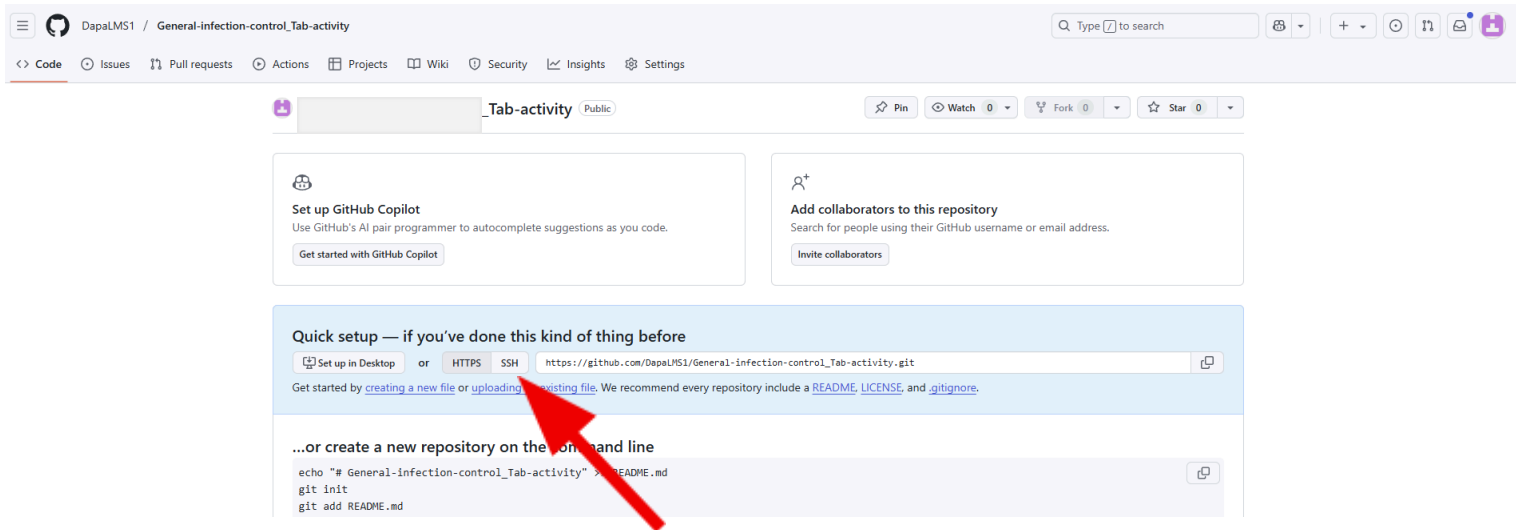
A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

 You are creating a public repository in your personal account.

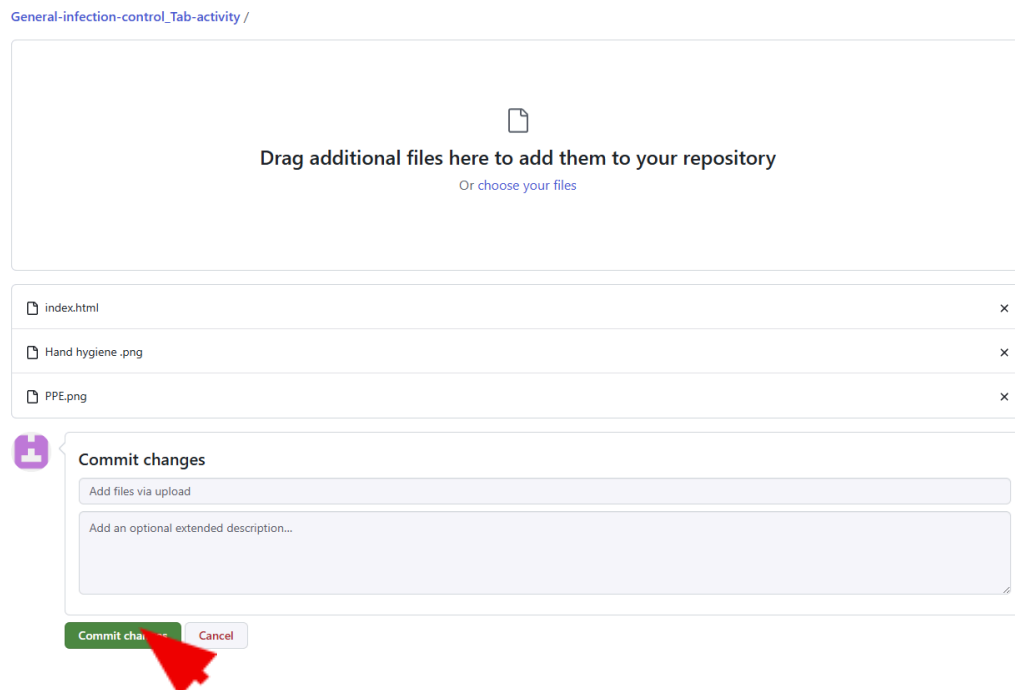


## Step 6 – Upload your Notepad code.

Next select upload an existing file. (In the middle of the blur box). Upload the **Notepad** “index.html” file you created earlier. If you are using an activity that using images, you will need to upload them here as well.

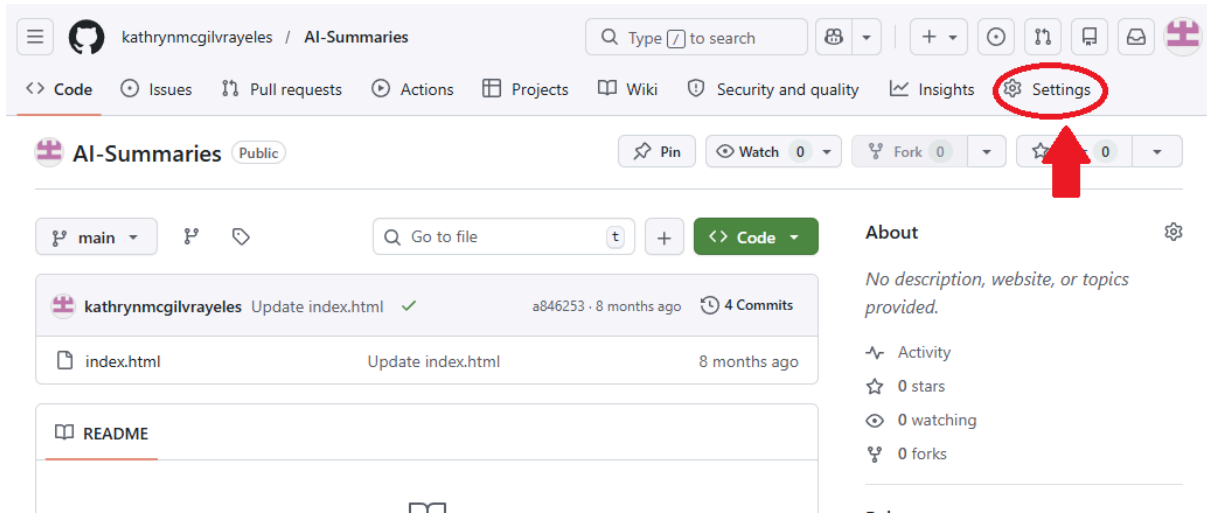


Once you have uploaded your file select Commit changes.



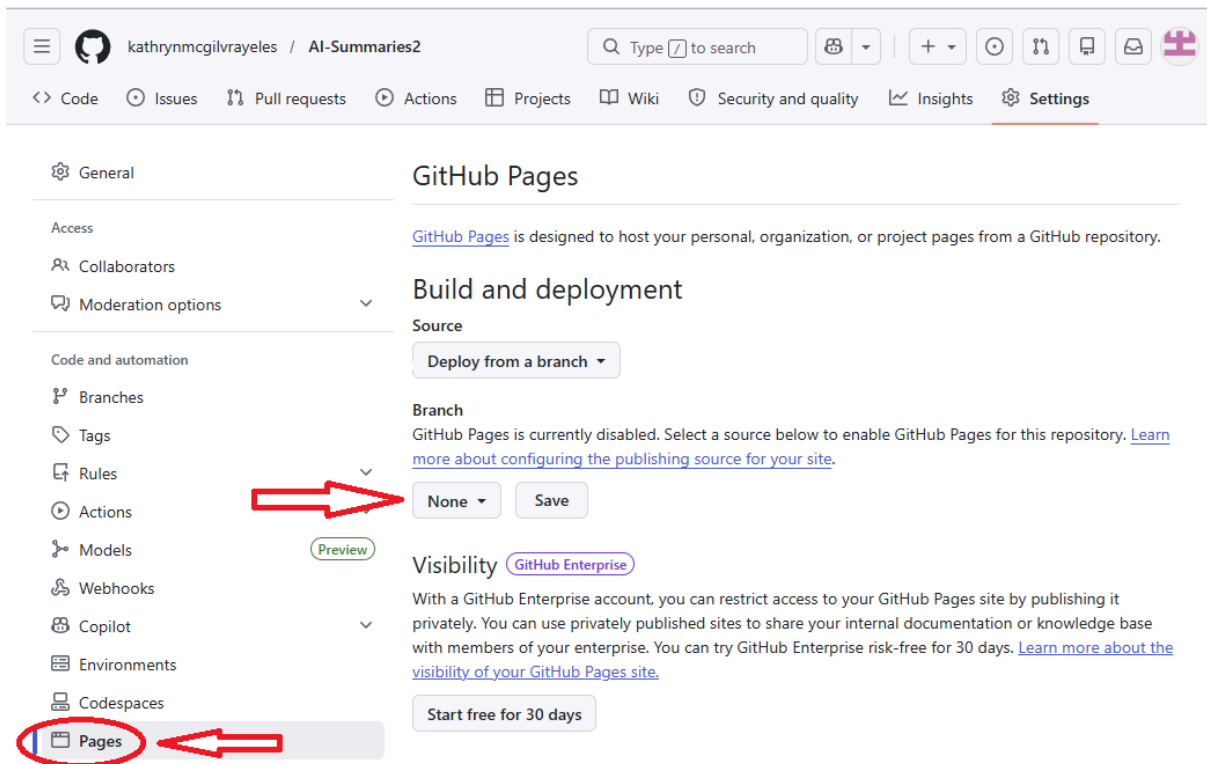
## Step 7 – Activate the activity

Scroll back up again. Look at the main menu bar. Go to Settings up the top.

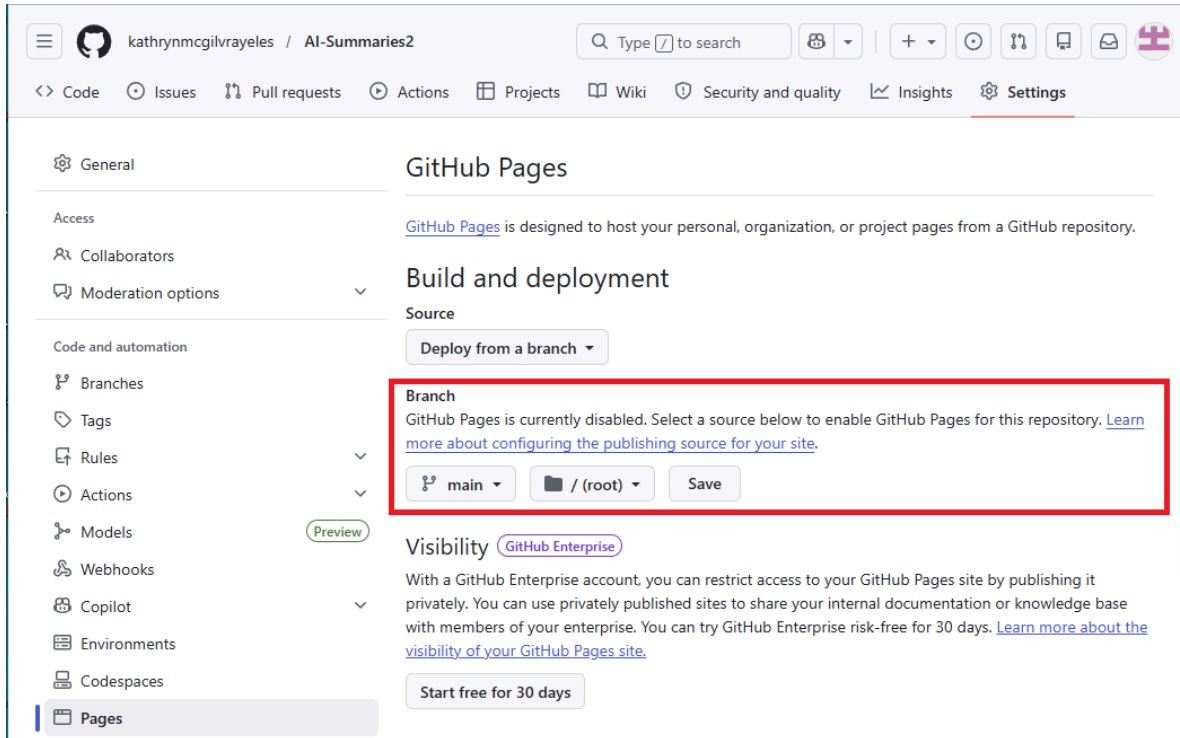


On the left hand side go to Pages. Then look at the Heading “Branch”. There are two buttons. One says “None” and the other says “Save”.

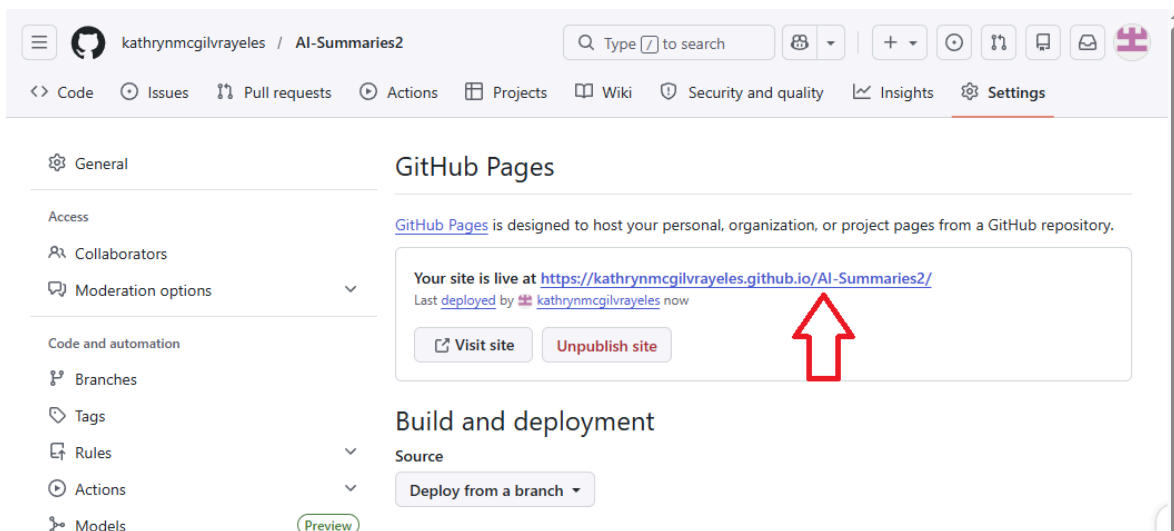
Select the one that says “None” and select “main” from the dropdown menu. It will then change the other box to **root**. Then select **Save**.



Once you change it to main it should look like this. You need to wait about 1 minute whilst it builds the activity.



Once it has been built, you need to **refresh the page** and see if it works. You will now see a message that tells you your site is live. Select “Visit site”.



### Step 8 – Embed as an iFrame

Copy the new URL link and paste this into the AI and ask the prompt, “Convert this into an iFrame that I can embed into the “xyz” platform”. (If you are using an LMS add the name of

the LMS into the prompt). It will give you the code and then you can just embed it into the course.

For example:

```
HTML  
<iframe  
  src="https://kathrynmcgilvraveles.github.io/AI-Summaries2/"  
  width="100%"  
  height="800"  
  style="border: none;"  
  title="AI Summaries 2">  
</iframe>
```



Once you have copied and pasted the code into the LMS, you can adjust the width and height of the activity here in the code so it fits in the LMS space.