

Coursework 2 - Specification

Due: Thursday 7th December 16:00

Must have

- Code-wise
 - A many-to-many relationship
 - A login system
 - An advanced feature like AJAX
 - Docstring comments for ALL files
- Presentation-wise
 - Horizontal nav bar- consistent across all pages
 - A professional, simple layout which complies with the WCAG standards for accessibility
 - A mix of open source CSS libraries (Bootstrap) and your own CSS
- Submission-wise
 - Fully deployed (published online)
 - Report/video

Database

- At least 2 models
- A many-to-many relationship which is impactful to the website's functionality (not just random)
- ****OPTIONAL**** use existing datasets for database loading and m2m R display

Deployment

Use [PythonAnywhere](#). Or instructions are provided in the Module notes.

The deployment process can take some trial and error; you will need to change settings in your code and in the PythonAnywhere interface. If you are struggling, please post on the Teams group or find Amy in the lab.

Report/Video

Both methods will involve conveying the same information:

- Explaining the **purpose** of the website
- Walking through a **user's journey** on the site (signing up, logging in and using the site)
- Justifying the **design choices** made
- Explaining the **many-to-many relationship** and how it adds to the user experience
- Demonstrate your **advanced feature(s)** and explain the code behind it
- Explaining how **accessibility** has been considered
- Explain/demonstrate how you **tested** your website (accessibility, functionality, responsiveness)
- Analysing your web app in terms of:
 - What you did well
 - What you struggled with
 - Any changes you would like to make in future

SEE TEMPLATE

The **video** should be **less than 10 minutes**, while the **report** should be **5-10 pages**. In both, you should show **your website 'in action'** via **screen recordings** or **screenshots**, as well as showing **key parts of the code**. Both options have the same weighting- it is up to your own personal preference which method you choose. A **template** is provided for the written **report** and the same content can be followed for the video.