

**College of Engineering & Physical Sciences**  
**Assignment Brief**

**CS1IAD**

**Portfolio 1: A Specialised Virtual Kitchen**

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**Deadline: Tuesday 18th February (12 PM)**

**Assignment Brief:**

You are asked to create a responsive website that showcases your virtual kitchen and three of your favourite recipes. You will apply design principles and web development technologies (HTML5, CSS3 and JavaScript) covered in Unit 1, 2 and 3, to create an engaging user experience across various devices (i.e., PC monitor and mobile).

**IMPORTANT:**

**Although good recipes are always welcome, you will not be marked on the content of your webpage. Marks will only be given for the effective use of the technologies.**

**You are not expected to deploy the website to a server.  
You MUST not use any pre-made template or code generator.  
You may use Bootstrap.**

**Please check the CS1IAD Module Discussion Board before emailing any questions.**

**Descriptive details of Assignment:**

- Your website should contain 3 pages:
  - o *Home of your virtual kitchen.*
  - o *Recipe -- you are expected to showcase **three** recipes.*
  - o *Contact page.*
- Your home page should contain the information of the virtual kitchen your users might want to see:
  - o *Name, address and short history of the virtual kitchen's website.*
  - o *Your name, e-mail address, and student number as they appear on your student record.*
  - o *The cuisine's cultural or regional origin (e.g., tacos, curry, pizza).*
  - o *Signature dishes.*
  - o *Image, brief introduction and hyperlink to the recipes' page.*

- Your recipe page must include the following details for **three** recipes:
  - o *Titles and descriptions.*
  - o *Serving sizes.*
  - o *Prep and cook times.*
  - o *Ingredients list with names and quantities.*
  - o *Equipment or tools necessary.*
  - o *Step-by-step cooking instructions.*
- Your contact page must:
  - o *Allow users to book appointment for a private cooking lesson.*
  - o *Allow users to choose how they prefer to be contacted (by phone or e-mail). Ensure that the e-mail is a valid Aston University e-mail and that is confirmed (i.e., issued twice).*
  - o *Allow users to select a future date for the appointment.*
- You must use the following HTML tags: *a, blockquote, em, footer, form, header, img, input, label, li, link, main, mailto, nav, p, section, ul.*
- You must use the following HTML tag properties: *id, class, href, rel, type, alt*
- You must use the following id / class names: *main-header, title, description, serving-size, ingredient, ingredient-list, instructions, cooking-step, recipe, recipes.*
- You must use the following CSS styles: *align-items, background-color, border, display, flex-wrap, font-family, height, justify-content, margin, padding, text-align, width.*
- You must implement the following JavaScript functions: *validateForm, checkEmails, checkDate.*
- Provide a consistent navigation bar on each page.
- Use F pattern and Visual Hierarchy.
- Use Icons, Logos and Images where appropriate.

### **Recommended reading/ online sources:**

- *Any questions, please check the **CS1IAD Module Discussion Board**.*
- *CS1IAD Blackboard Module > Course Content > Units 1, 2, 3.*
- *CS1IAD Reading List.*
- *W3Schools.com*
- *W3.org*

### Key Dates:

|                    |  |
|--------------------|--|
| 29/01/2025         | Portfolio Released   |
| 18/02/2025 (12 PM) | Submission Deadline  |
| 18/03/2025         | Expected feedback return date.<br>Feedback provided via Blackboard |

### Submission Details:

- Your Specialised Virtual Kitchen Website should be submitted as a ZIP including all of the resources required (i.e., images, stylesheets, JS and html files) to **Blackboard** by the submission deadline.

### Checklist:

- You must use HTML, CSS, and JS.
- Provide a consistent navigation bar on each page.
- Use F pattern and Visual Hierarchy.
- Use Icons, logos and images where appropriate.
- Use HTML IDs, classes and other appropriate tags as specified.
- You should adhere to good coding practices and use comments properly.
- Do not use absolute file references for HTML, CSS & JS files.

### Marking Scheme:

0-19      Fragmentary or almost wholly ineffective activity.

20-39      Work that provides evidence of relevant knowledge and skills, but deployed on such a limited scale or in such an ineffective manner that the threshold standard for the module has not been achieved. For example, some major components present but missing major functionality, styling or validation, or the website satisfies few or none of the identified objectives and/or is totally compromised by lack of usability.

*Work meeting the threshold standard required by the module, but by reason of lack of scope or proportion or scale of flaws, not achieving the target standard.*

40-49      Expected activities have been undertaken, but at a minimal standard of competence and understanding leading to barely acceptable outcomes: e.g., expected development activities are pursued, but in such a way as to lead to working prototype that meets a limited subset of the original objectives and is seriously flawed.

50-59      Expected activities have been undertaken in a manner that shows a clear grasp of what is required and leads to a broadly acceptable working website. There may, however, be significant weaknesses, e.g., limited scope, unsatisfactory usability, poor organization, etc.

*Work of the target standard for the module spanning a range from good to excellent.*

60-69      Work producing a sound deliverable: for example, a website substantially

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|       | meeting the assessment objectives, with no major flaws. The scope of the work reasonably reflects the student hours appropriate to the weight of the assessment and the credit value of the module. |
| 70-79 | Work distinguished by evidence of a deeper level of understanding, insight and innovation, and with very few (if any) clear flaws. All requirements have been completed to a very high standard.    |
| 80+   | Exceptional work approximating a professional standard that a member of academic staff would be satisfied to have produced themselves.  |