

Activity 1 – HTML Page Structure and CSS Presentation

Aims:

- Understand and use HTML structural elements
- Design a HTML form
- Gain skills and knowledge to complete Assignment 1.

Job application page (*apply.html*)

This page has a form that allows a potential candidate to register their interest in the advertised position. HTML5 data validation should be used to check the user's input.

The form will allow a potential applicant to fill in the following:

| Field | Format requirement |
|---|---|
| Job reference number | exactly 5 alphanumeric characters |
| First name | max 20 alpha characters |
| Last name | max 20 alpha characters |
| Date of birth | dd/mm/yyyy |
| Gender | radio inputs grouped using a field set and legend |
| Street Address | max 40 characters |
| Suburb/town | max 40 characters |
| State | drop down selection from VIC, NSW, QLD, NT, WA, SA, TAS, ACT |
| Postcode | exactly 4 digits |
| Email address | validate format |
| Phone number | 8 to 12 digits, or spaces |
| Skill list - the last item in list should read "Other skills..." | checkbox inputs |
| Other skills | Text area |

All inputs should have labels. All form values, except the comment text area are 'required' or have a default value (e.g. select and checkbox inputs). **The user should not be able to submit the form if any of these required fields are blank.**

Data Submission to Server

The form should have a submit button labelled "Apply". When this button is clicked the name- values from the associated form should be sent to the server using the post http method. The server action address is <https://mercury.swin.edu.au/it000000/formtest.php>

The server will then just echo back the name-value pairs to the client. While nothing will be stored on the server in this part of the assignment (we will do this in Part 3) this will allow the form submission to be tested.