

# DMIT2503 – Advanced Web Concepts

## Lab 3: AJAX

**Overview:** Based on the lessons in AJAX (Asynchronous Javascript), demonstrate several static HTML pages receiving data generated from an external source.  
10 marks.

**Part A:** In class work through. [4 marks]

- `page_ajax_js.html`: Several links to filtered results displayed as thumbnails in sidebar using Javascript.
- `page_ajax_jquery.html`: Several links to filtered results displayed as thumbnails in sidebar using JQuery. Fade effect.
- All links are done.
- The data returned to the page includes:
  - Artist Name
  - CD Name
  - Artwork (CD Cover) displayed as an `<img>`

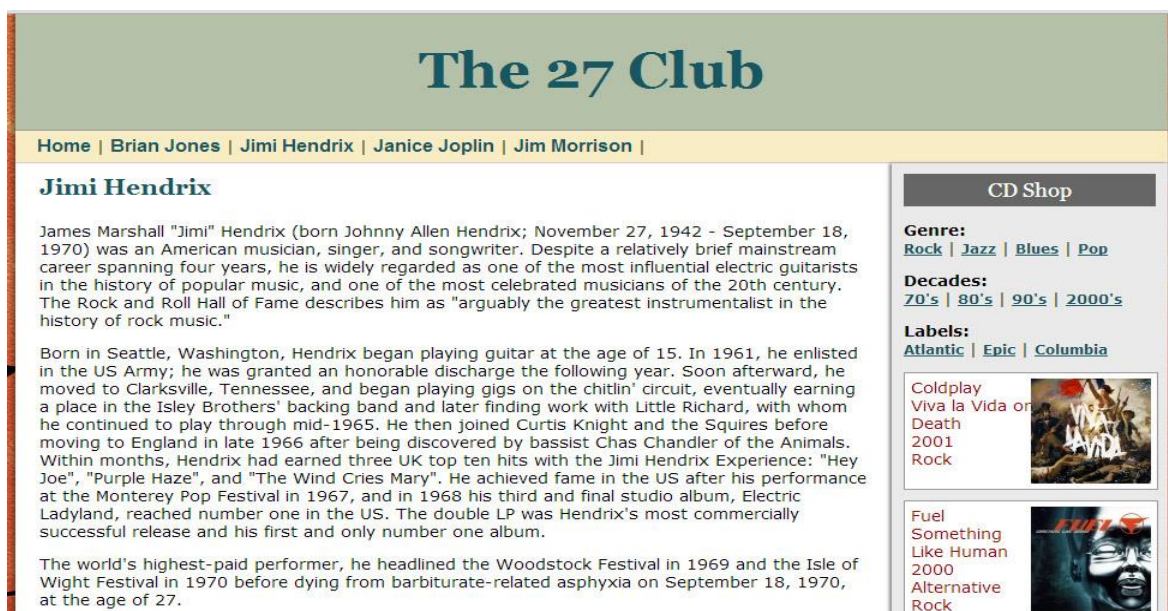
**Part B:** Your own AJAX demonstration of a static page retrieving dynamic content using `page_ajax_jquery.html` or `page_ajax_js.html` main content area: [4 marks]

- Create your own DB table with content, a PHP script that generated the content, and a static HTML page that retrieves & displays the content.
- You can use any text content you like.
- You can use either the Javascript boilerplate or jQuery, but jQuery is recommended.

Screenshot:

Part B - The main content (left) is changed using AJAX with a separate PHP file and MySQL table.

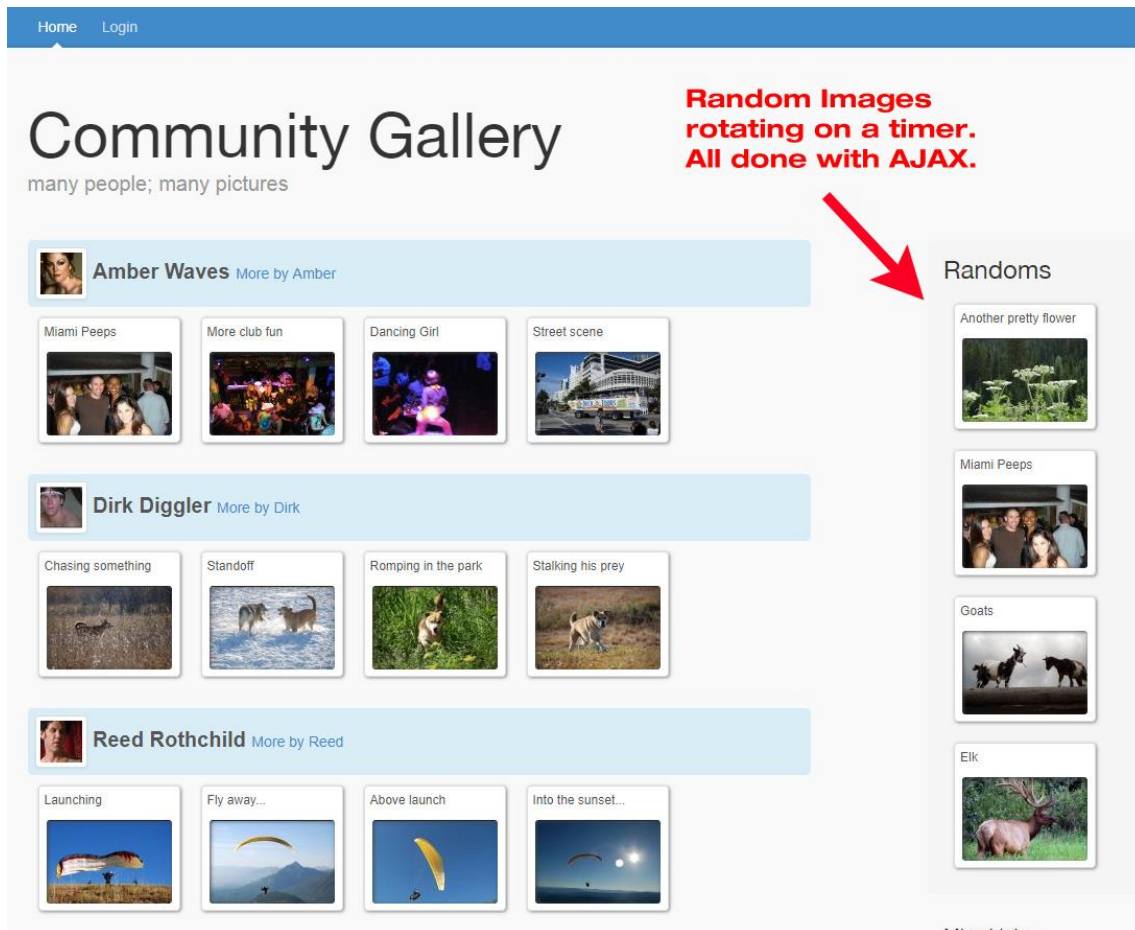
Part A - The sidebar (right) is what we did in class.



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## Part C: Surprise the instructor [2 marks]

- Do something in addition to the above that demonstrates your understanding of AJAX. This can be a downloaded script, but MUST use MySQL data (you may use any existing DB table content you already have).
- Suggestion:
  - Random thumbnails changing on a timer in your Gallery (must be delivered through AJAX).



See Moodle for due date