Suggested Controller Architecture

User

index.php

Load different view files using conditional include()s

main.php  recent.php  popular.php

logincheck.php

login.php  submit.php

Key:

→ Conditional include()

View

Controller

Model
Using `mod_rewrite` in `.htaccess`, you can make virtual URLs to disguise query strings:

RewriteEngine on

RewriteRule ^list/popular(.*$ index.php?list-popular$1 [QSA]
RewriteRule ^list/recent(.*$ index.php?list-recent$1 [QSA]
RewriteRule ^$ index.php
recent.php

```php
<?php
require('mode/db.php');
function showImages()
{
    $imageDataArray = getImageData('recent');
    // code to display images in HTML
}
include('view/header.php');
?>
<body>
    <div...
    // HTML Code here
    // and here
    <?php showImages(); ?>
    </div>
</body>
<?php include('view/footer.php'); ?>
```

db.php contains the function getImageData()
Suggested AJAX Rating Architecture

- **recent.php**: View loads JavaScript AJAX controller using `<script>` tags.
- **rater.js**: POST Request with rating data (increment or decrement).
- **ratesubmit.php**: ratesubmit calls appropriate rating update function in `db.php`.
- **db.php**: Model

**Key:**
- → function call
- → Load to clientside via `<script>`
- → include()
Suggested AJAX Rating Architecture (Continued)

Key:
- ----> return value
- --- > function call
- ----> Load to clientside via <script>
- ----> include()

View
Controller
Model

recent.php
rater.js dynamically modifies rating on the page
rater.js
ratesubmit.php returns new rating
ratesubmit.php

db.php function returns success or failure

db.php