

Assignment 7 – RESTful CRUD

Instructions

Re-do the CRUD application from Assignment 6 according to REST principles. Specifically:

1. Remove all references to PHP files and locations from your JavaScript code. All URLs should refer only to entities.
2. Use a URL pattern like `MyApp/entities` to refer to a collection of entities and a pattern like `MyApp/entities/ID` to refer to the entity with a certain ID.
 - For example, if your application is called "PhoneApp" and deals with phones, then your URLs might look like `PhoneApp/phones` and `PhoneApp/phones/phone-123`
3. Use the four HTTP verbs as follows:

	MyApp/entities	MyApp/entities/ID
POST	N/A	<u>C</u> reate entity with ID
GET	<u>R</u> etrieve all entities	N/A
PUT	N/A	<u>U</u> pdate entity with specified ID
DELETE	N/A	<u>D</u> elete entity with specified ID

4. Create a file called `.htaccess` in the root level of your project. In this file, specify the rules that map URL patterns to PHP files. (See example provided in DatabaseDemo4_REST.)
5. Use a single PHP file to handle all HTTP requests. In this file, first determine which of the four methods was sent with the HTTP request (the 'REQUEST_METHOD' property of the INPUT_SERVER or \$_SERVER superglobal). Then handle the request appropriately - if the method is "POST", then do a CREATE, etc. (Again, see the sample in DatabaseDemo4_REST.)