**CST-236 Activity 6 Guide**

Contents

[PHP REST Service 2](#_Toc530481105)

[Activity 6 Overall Submissions 2](#_Toc530481106)

PHP REST Service

**Overview**

In this activity, students will create a REST "like" API in PHP.

**Execution**

1. Create a new Project in Eclipse.
2. Copy the *Autoloader.php* script from an existing Project into your new Project.
3. Create a new *Users* PHP Class:
   1. Class should be named *User*.
      1. 3 private properties: id, firstName, lastName.
      2. 1 non default constructor that takes id, firstName, lastName and initializes a user.
      3. 3 getter functions for id, firstName, lastName.
      4. Implements JsonSerializable interface.
      5. Implement jsonSerialize() that returns the value from a call to get\_object\_vars($this).
4. Create a REST API:
   1. Create a PHP script named getusers.php.
   2. Get users script should create an array of at least five Users.
   3. Serialize the array of User to JSON using json\_encode().
   4. Echoes the JSON encoded array of User.
5. Test the REST API:
   1. Deploy your code to MAMP.
   2. Invoke the REST API (localhost:[port]/getusers.php.
   3. Take screenshot of the output.

Activity 6 Overall Submissions

Submit the following to the learning management system:

1. Screenshot of the JSON return from Step 5c
2. In your own words, provide a 50- to 100-word explanation of how this mimicked the functionality of a RESTful Service.