

Creating a RESTful web service

Let see how the web service will be used

Each item will have a URL with his ID like the following

http://localhost/ShopAPI.php/items/100

- If the ID is correct and the verb is GET then the result should be all fields of that item like the following :

```
{  
  "id": "100",  
  "name": "new_glass very new1 ",  
  "price": "14.00",  
  "units_in_stock": "4",  
}
```

If the ID is not correct for any reason the API should produces the following response :

```
{  
  "error": "Resource doesn't exist"  
}
```

With Result code: 404

The same response should be returned if the resource requested is any thing other than items .

- Handle your webservice to allow only 2 HTTP verbs GET, POST. if any HTTP verb is used it should give access code 405 with the following results :

```
{  
  "error": "method not allowed!"  
}
```

If the database connection failed for any reason, the response should be with status 500 internal server error and the following custom error .

```
{  
  "error": "internal server error!"  
}
```

Implementation notes :

- 1- Use products.sql file to import products to your database
- 2- You need the MySQLHandler class not to lose time working with SQL queries, it has methods for select, update, delete and update so use them , and feel free to change any thing you like .

Bonus :

Implement both PUT and DELETE HTTP methods for our products resource.