

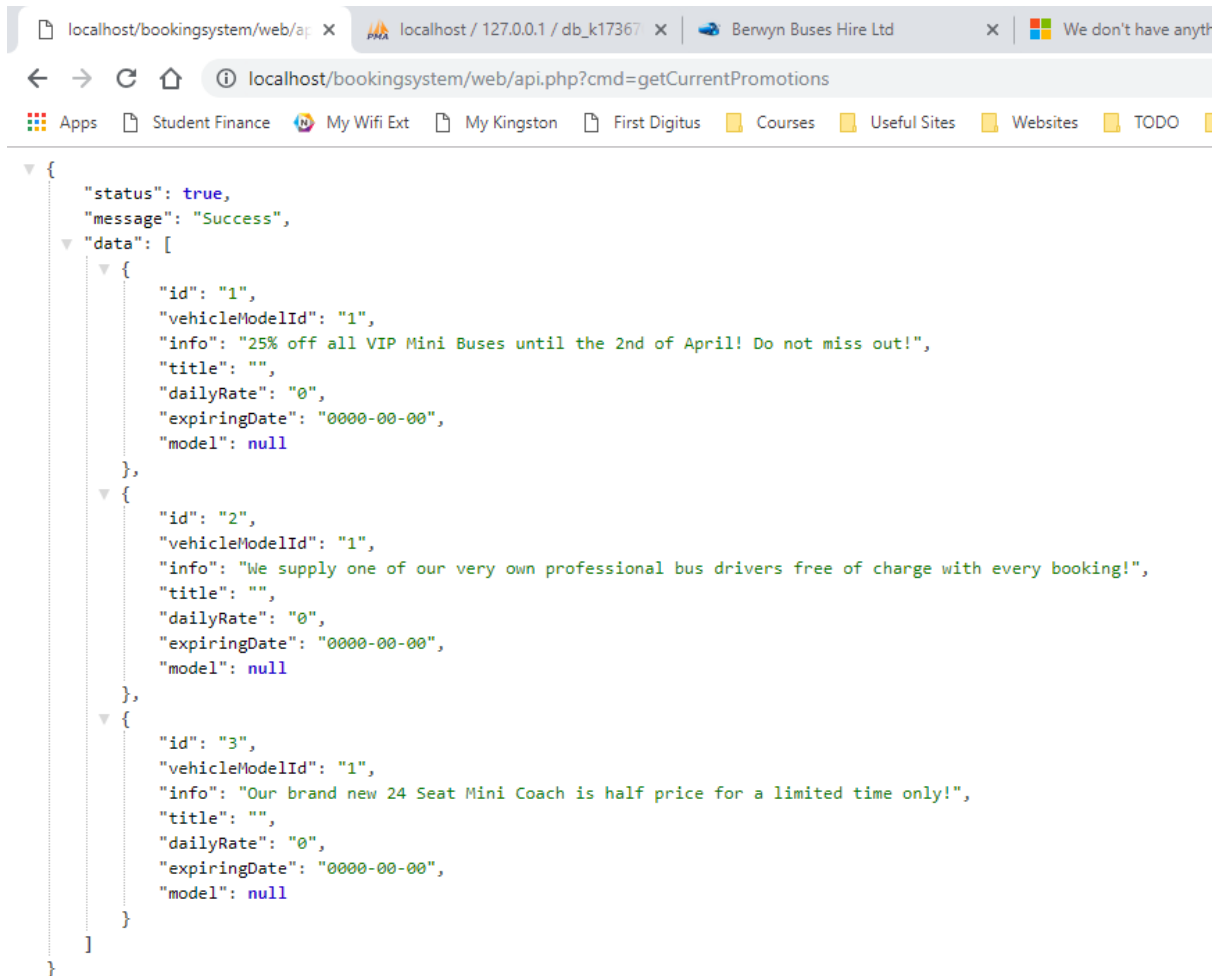
1. Edit api.php to include "getCurrentPromotions" command:-

```
index_view.php  basket_add.php  api.php  x  Promotion.php
1  <?php
2  require_once("imports.php");
3
4  $cmd = getRequestFieldValue("cmd", false, "");
5
6  $data = null;
7
8  switch($cmd) {
9      case "getAllVehicleModels":
10         $data = BookingDatabase::getInstance()->getAllVehicleModels();
11         break;
12      case "getBookingReport":
13         $data = BookingDatabase::getInstance()->getBookingReport();
14         break;
15      case "getCurrentPromotions":
16         $data = BookingDatabase::getInstance()->getCurrentPromotions();
17         break;
18      default:
19         throw new AppException("Invalid cmd querystring parameter");
20  }
21
22
23  ?>
24
25  <?= json_response($data, 200, false, "Success") ?>
```

2. Edit the Promotion.php class so that the attributes are all public and can be seen by the json decoder

```
index_view.php  basket_add.php  api.php  Promotion.php x
1  <?php
2
3  class Promotion {
4      public $id;
5      public $vehicleModelId;
6      public $info;
7      public $title;
8      public $dailyRate;
9      public $expiringDate;
10     public $model;
11
12     function __get($name) {
13         return $this->$name;
14     }
15
16     function __set($name,$value) {
17         $this->$name = $value;
18     }
19 }
20
21 ?>
```

3. View the json data in the browser to check it is working by going to `api.php?cmd=getCurrentPromotion:-`



The screenshot shows a web browser window with the address bar displaying `localhost/bookingsystem/web/api.php?cmd=getCurrentPromotions`. The browser's developer tools are open, showing a JSON response from the API. The response is a valid JSON object with a status of true, a success message, and an array of three promotion objects. Each object contains details like id, vehicleModelId, info, title, dailyRate, expiringDate, and model.

```
{
  "status": true,
  "message": "Success",
  "data": [
    {
      "id": "1",
      "vehicleModelId": "1",
      "info": "25% off all VIP Mini Buses until the 2nd of April! Do not miss out!",
      "title": "",
      "dailyRate": "0",
      "expiringDate": "0000-00-00",
      "model": null
    },
    {
      "id": "2",
      "vehicleModelId": "1",
      "info": "We supply one of our very own professional bus drivers free of charge with every booking!",
      "title": "",
      "dailyRate": "0",
      "expiringDate": "0000-00-00",
      "model": null
    },
    {
      "id": "3",
      "vehicleModelId": "1",
      "info": "Our brand new 24 Seat Mini Coach is half price for a limited time only!",
      "title": "",
      "dailyRate": "0",
      "expiringDate": "0000-00-00",
      "model": null
    }
  ]
}
```

- Remove the Promotions container from index_view.php and add in the JQuery equivalent:-

```

192         $('#messageModalTitle').html('Search for Vehicle');
193         $('#messageModalBody').html('Price (Min) must be less than Price (Max).');
194         $('#messageModal').modal('show');
195         return;
196     }
197
198     this.submit();
199
200     });
201
202     </div>
203
204 </div>
205
206 <div class="container bg-light border rounded p-4">
207     <div class="row">
208         <div class="col-md-12">
209             <h3>Promotions</h3>
210         </div>
211     </div>
212     <div id="models" class="row">
213     </div>
214
215     <script>
216     $(document).ready(function () {
217         $.getJSON('api.php?cmd=getCurrentPromotions', function (data) {
218
219             var promotions = data.data;
220
221             for(var i = 0; i < promotions.length; i++) {
222                 var promotion = promotions[i];
223                 var html = '
224                     <div class="col-md-3 mb-4 mr-4 p-4">
225                         <div class="card" style="width: 18rem;>
226                             
227                             <div class="card-body">
228                                 <h5 class="card-title"> + promotion.title + '</h5>';
229                                 <p class="card-text"> + promotion.info + '</p>';
230                                 <a href="basket_add.php?promotionId= + promotion.id + '&vehicleModelId= + promotion.vehicleModelId + '" class="btn btn-success">Add to Basket</a>';
231                             </div>
232                         </div>
233                 </div>
234             }
235             $('#models').append(html);
236         });
237     </script>
238
239 </div>

```

- Edit dataAccess.php function getCurrentPromotions as necessary to bring back the required columns for the HTML and only the latest 3 promotions based on expiryDate (changes not shown):-

```

145     function getCurrentPromotions() {
146         $pdo = $this->getPDO();
147         $statement = $pdo->prepare("SELECT * FROM Promotion ORDER BY id ASC LIMIT 3");
148         $statement->execute();
149         $result = $statement->fetchAll(PDO::FETCH_CLASS, "Promotion");
150         return $result;
151     }
152

```

- Add vehicle model images to the vehicleModels image folder located under assets/images

