```php
<?php
/*************************************************************************
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TITRE PROJET: RESA
VERSION     : 1.0
*************************************************************************/

// On inclu le connecteur de la base de données
include '../../pdo.php';

/*
* Récupère tous les établissements
*/
function GetAllEtablishements(){
  $date = getdate();
  $idDay = $date['wday'];
    static $query = null;

    if ($query == null) {
        $req = 'SELECT e.id, e.name, e.phone, e.email, m.name as menu_name, m.description as
menu_descritpion, (SELECT s.id FROM opening as o INNER JOIN schudle as s ON s.id =
o.idSchudle WHERE o.idDay = '.$idDay.' AND o.idEtablishement = e.id AND
UNIX_TIMESTAMP(s.begin) < UNIX_TIMESTAMP(NOW()) AND UNIX_TIMESTAMP(s.end) >
UNIX_TIMESTAMP(NOW()) LIMIT 1) as open FROM `establishment` as e LEFT JOIN menu as m ON e.id
= m.id';
        $query = database()->prepare($req);
    }

    try {
        $query->execute();
        $res = $query->fetchAll(PDO::FETCH_ASSOC);
    }
    catch (Exception $e) {
        error_log($e->getMessage());
        $res = false;
    }

    return $res;
}

/*
* Récupère tous les établissement dont l'utilisateur passé en paramètre est le manager
* Params:
*     - idUser : l'id de l'utilisateur
*/
function GetAllEtablishementsForManager($idUser){
  static $query = null;

    if ($query == null) {
        $req = 'SELECT e.id, e.name, e.phone FROM `is_in_as` as iia INNER JOIN `establishment`
as e ON e.id = iia.idEtablishement WHERE iia.idUser = :u AND iia.idPermission = 2';
        $query = database()->prepare($req);
    }

    try {
        $query->bindParam(':u', $idUser, PDO::PARAM_INT);

        $query->execute();
        $res = $query->fetchAll(PDO::FETCH_ASSOC);
        return $res;
    }
    catch (Exception $e) {
        error_log($e->getMessage());
    }
}

/*
* Récupère un établissement d'après son id
* Params:
*     - idEtablishement : l'id de l'établissement dont on veut les infos
*/
function GetEtablishementById($idEtablishement){
  $date = getdate();
  $day = $date['wday'];
    static $query = null;

    if ($query == null) {
        $req = 'SELECT e.id, e.name, e.phone, e.email, e.id_subscription as subscription,
m.name as menu_name, m.description as menu_descritpion, (SELECT s.id FROM opening as o INNER
JOIN schudle as s ON s.id = o.idSchudle WHERE o.idDay = '.$day.' AND o.idEtablishement = e.id
AND UNIX_TIMESTAMP(s.begin) < UNIX_TIMESTAMP(NOW()) AND UNIX_TIMESTAMP(s.end) >
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     UNIX_TIMESTAMP(NOW()) LIMIT 1) as open FROM `establishment` as e LEFT JOIN menu as m ON e.id
     = m.id WHERE e.id = '.$idEtablishement;
75       $query = database()->prepare($req);
76     }
77
78     try {
79       $query->execute();
80       $res = $query->fetch(PDO::FETCH_ASSOC);
81     }
82     catch (Exception $e) {
83       error_log($e->getMessage());
84       $res = false;
85     }
86
87     return $res;
88 }
89
90 /*
91 * Récupère l'id du dernier établissement ajouté
92 */
93 function GetLastInsertedEtablishement(){
94   static $query = null;
95
96   if ($query == null) {
97     $req = 'SELECT MAX(id) as last FROM `establishment`';
98     $query = database()->prepare($req);
99   }
100
101   try {
102     $query->execute();
103     $res = $query->fetch(PDO::FETCH_ASSOC);
104   }
105   catch (Exception $e) {
106     error_log($e->getMessage());
107     $res = false;
108   }
109
110   return $res;
111 }
112
113 /*
114 * Récupère le niveau d'abonnement d'un établissement
115 * Params:
116 *     - id : l'id de l'établissement dont on veut les infos
117 */
118 function GetSubscriptionLevel($id){
119   static $query = null;
120
121     if ($query == null) {
122       $req = 'SELECT s.id, s.name, s.price, s.level FROM establishment as e INNER JOIN
     subscriptions as s ON s.id = e.id_subscription WHERE e.id = :id';
123       $query = database()->prepare($req);
124     }
125
126     try {
127         $query->bindParam(':id', $id, PDO::PARAM_INT);
128
129         $query->execute();
130         $res = $query->fetch(PDO::FETCH_ASSOC);
131         return $res;
132     }
133     catch (Exception $e) {
134       error_log($e->getMessage());
135     }
136 }
137
138 // exemple : etablishment/get/?id=XX
139 if(isset($_GET['id'])){
140     $id = $_GET['id'];
141     if(is_numeric($id)){
142         echo json_encode(GetEtablishementById($id));
143     }else{
144         echo json_encode('Non-numeric input');
145     }
146 }
147 // exemple : etablishment/get/?last
148 else if(isset($_GET['last'])){
149   echo json_encode(GetLastInsertedEtablishement());
150 }
151 // exemple : etablishment/get/?manager&iduser=XX
152 else if(isset($_GET['manager']) && isset($_GET['iduser'])){
153   $id = $_GET['iduser'];
154   if(is_numeric($id)){
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155        echo json_encode(GetAllEtablishementsForManager($id));
156    }else{
157        echo json_encode('Non-numeric input');
158    }
159 }
160 // exemple : etablishment/get/?level&i=XX
161 else if(isset($_GET['level']) && isset($_GET['i'])){
162    $id = $_GET['i'];
163    echo json_encode(GetSubscriptionLevel($id));
164 }
165 else{
166        echo json_encode(GetAllEtablishements());
167 }
```