Projet de Base de Données

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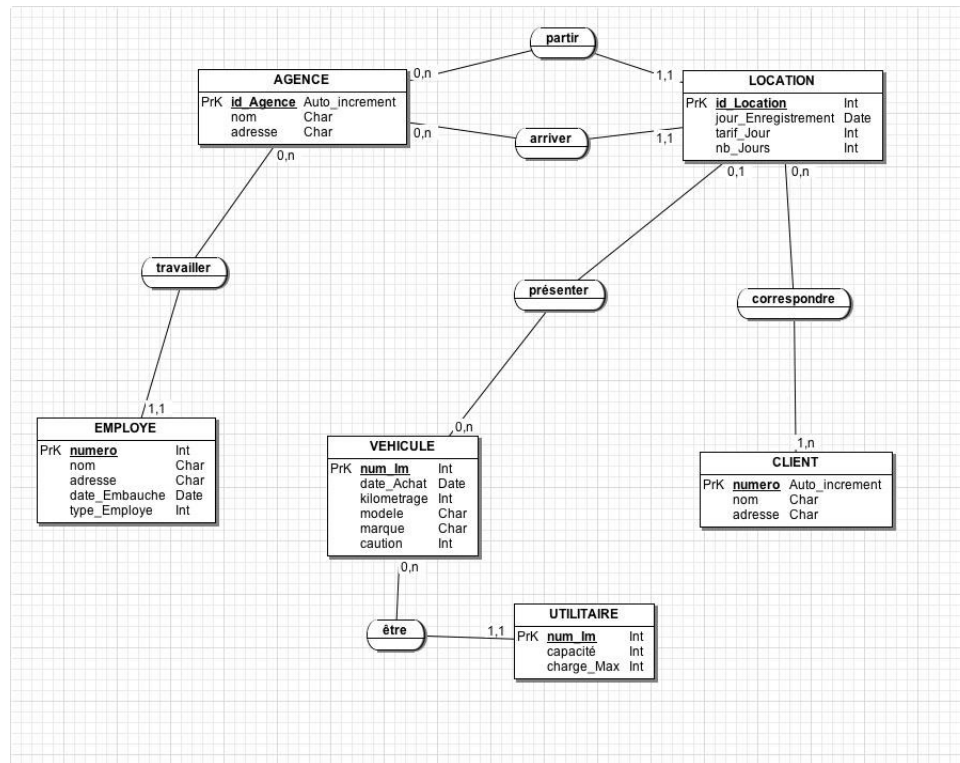# Sommaire
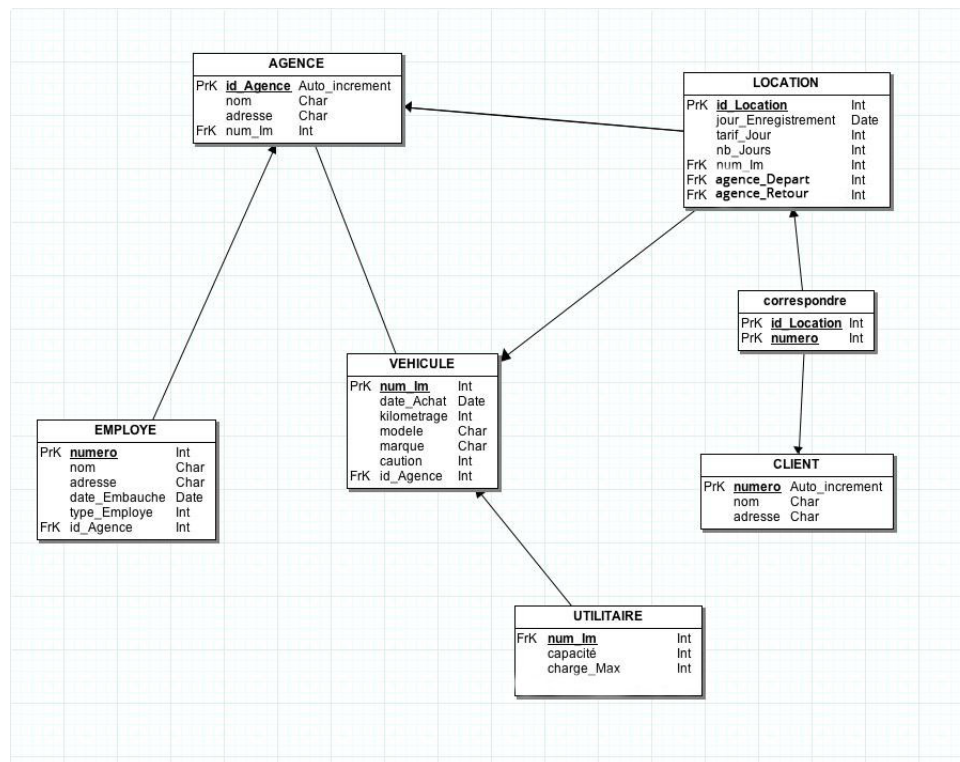
Informations

Nous avons souhaité traiter cette base de données avec PostgreSQL.

Schéma MCD

Schéma MLD

Résultats des Requêtes

Requête 1

Sortie de données	Expliquer (Explain)	Messages	Historique

	nom character(30)	adresse character(30)
1	Grand Mechant Loup	Maison de mère grand

Requête 2

Panneau sortie

Sortie de données	Expliquer (Explain)	Messages	Historique

	modele character(30)	marque character(30)
1	Super	Peugeot

Requête 3

Panneau sortie

Sortie de données	Expliquer (Explain)	Messages	Historique

	numero integer	nom character(30)
1	3	Client Complexe
2	4	Grand Mechant Loup
3	5	Filipe Gama
4	6	Vincent Monot

Requête 4

Panneau sortie

Sortie de données	Expliquer (Explain)	Message

	nom character(30)
1	LefebIndustries

Requête 5

Sortie de données	Expliquer (Explain)	Message

	nom character(30)
1	Bastien
2	Alexandre
3	Lucas

Requête 6

	nom character(30)	adresse character(30)
1	Grand Mechant Loup	Maison de mère grand

Requête 7

	Nom de l'agence character(30)	Nom du responsable character(30)	Nombre de locations bigint
1	LepesCorp	Bastien	0
2	LefebIndustries	Thomas	1
3	AgenceDuStyle	Pierre	1
4	EntrepriseBDD	Alexandre	0
5	Voiture&Co	Lucas	0
6	Poudcars	Lise	1

Requête 8

	num_im integer	coalesce bigint
1	132289	0
2	345432	0
3	787878	0
4	543289	80
5	101010	0
6	679423	0
7	142992	980

Requête 9

FORMULAIRE D'ENREGISTREMENT D'UNE LOCATION

Id de la location : [ ]

Jour d'enregistrement : ['03/12/2015']

Tarif du jour : [ ]

Kilometrage de depart : [ ]

Agence de depart : [ ]

Agence de retour : [ ]

Nombre de jours : [ ]

Numero d'immatriculation : [ ]

[OK]

Votre location a bien été enregistrée, merci de votre visite :)

Requête 10

ENREGISTREMENT DE LA RESTITUTION D'UN VEHICULE

Numero de plaque d'immatriculation : [   ]

Nombre de jours : [   ]

Agence de rendu : [   ]

OK

Véhicule rendu ! Vous devez payer : 1008 €

Tables

```sql
1  --CREATION DES TABLES ET DES COLONNES DES TABLES
2
3  CREATE TYPE type_of_client AS ENUM ('particulier', 'entreprise');
4  CREATE TABLE "CLIENT"
5  (
6          numero serial PRIMARY KEY,
7          nom char(30),
8          adresse char(30),
9          type_Client type_of_client
10 );
11
12 CREATE TABLE "AGENCE"
13 (
14          id_Agence serial PRIMARY KEY,
15          nom char(30),
16          adresse char(30)
17 );
18
19 CREATE TABLE "VEHICULE"
20 (
21          num_Im int PRIMARY KEY,
22          id_Agence serial REFERENCES "AGENCE",
23          date_Achat date,
24          kilometrage integer,
25          modele char(30),
26          marque char(30),
27          caution integer
28 );
29
30 CREATE TYPE type_of_employe AS ENUM ('responsable', 'm canicien', '
       commercial');
31 CREATE TABLE "EMPLOYE"
32 (
33          numero serial PRIMARY KEY,
34          nom char(30),
35          adresse char(30),
36          date_Embauche date,
37          type_Employe type_of_employe,
38          id_Agence integer REFERENCES "AGENCE"
39 );
40
41 CREATE TABLE "LOCATION"
42 (
43          id_Location integer PRIMARY KEY,
44          jour_Enregistrement date,
45          tarif_jour integer,
46          kilometrage_Depart integer,
47          agence_Depart integer REFERENCES "AGENCE"(id_Agence),
48          agence_Retour integer REFERENCES "AGENCE"(id_Agence),
49          nb_Jours integer,
50          num_Im integer REFERENCES "VEHICULE"
51 );
52
53 CREATE TABLE "CORRESPONDRE"
54 (
```

```
55            id_Location  integer  REFERENCES  "LOCATION" ,
56            num_Client  integer  REFERENCES  "CLIENT"
57    ) ;
58    ALTER TABLE  "CORRESPONDRE"  ADD PRIMARY KEY( id_Location ,  num_Client ) ;
59
60    CREATE  TABLE  "UTILITAIRE"
61    (
62            num_Im  int  PRIMARY  KEY  REFERENCES  "VEHICULE" ,
63            capacit   integer ,
64            charge_Max  integer
65    ) ;
```

Données

```
1  ──REMPLISSAGE DES DIFFERENTES COLONNES DE CHAQUE TABLE──
2
3  ──ID_AGENCE, NOM, ADRESSE
4  INSERT INTO "AGENCE" VALUES (0,'LepesCorp','2 rue de la barbe'); ──Aucun
       v hicule
5  INSERT INTO "AGENCE" VALUES (1,'LefebIndustries','4 rue du style'); ──Tout
       les utilitaires dispo
6  INSERT INTO "AGENCE" VALUES (2,'AgenceDuStyle','8 quai des gentils'); ──
       Tout les utilitaires non dispo
7  INSERT INTO "AGENCE" VALUES (3,'EntrepriseBDD','5 rue SQL');
8  INSERT INTO "AGENCE" VALUES (4,'Voiture&Co','7 rue des as');
9  INSERT INTO "AGENCE" VALUES (5,'Poudcars','Voie 9 3/4');
10
11 ──NUMERO, NOM, ADRESSE, DATE_EMBAUCHE, TYPE_EMPLOYE, ID_AGENCE
12 INSERT INTO "EMPLOYE" VALUES (0,'Bastien','2 rue de la barbe','14/04/2015',
       'responsable',0);
13 INSERT INTO "EMPLOYE" VALUES (1,'Thomas','4 rue du style','14/04/2015','
       responsable',1);
14 INSERT INTO "EMPLOYE" VALUES (2,'Michel','8 rue des framboises','14/04/2015
       ','m canicien',0);
15 INSERT INTO "EMPLOYE" VALUES (3,'Jean','7 rue des fraises','14/04/2015','
       commercial',1);
16 INSERT INTO "EMPLOYE" VALUES (4,'Jacques','12 rue des poires','18/05/2015',
       'm canicien',1);
17 INSERT INTO "EMPLOYE" VALUES (5,'Jeanne','13 rue des coquelicots','
       12/05/2015','commercial',0);
18 INSERT INTO "EMPLOYE" VALUES (6,'Pierre','4 rue du travail','18/05/2015','
       responsable',2);
19 INSERT INTO "EMPLOYE" VALUES (7,'Roger','6 quai des serpents','23/05/2015',
       'm canicien',2);
20 INSERT INTO "EMPLOYE" VALUES (8,'Charlotte','3 rue du chocolat','26/05/2015
       ','commercial',2);
21 INSERT INTO "EMPLOYE" VALUES (9,'Alexandre','10 rue de la coupe','
       18/05/2014','responsable',3);
22 INSERT INTO "EMPLOYE" VALUES (10,'Alexis','6 avenue paum e','23/07/2015','
       m canicien',3);
23 INSERT INTO "EMPLOYE" VALUES (11,'Arya','3 rue Kurde','01/02/1987','
       commercial',3);
24 INSERT INTO "EMPLOYE" VALUES (12,'Lucas','4 rue du swag','25/11/2015','
       responsable',4);
25 INSERT INTO "EMPLOYE" VALUES (13,'Louis','6 quai du jaitoutfini','
       23/07/2015','m canicien',4);
26 INSERT INTO "EMPLOYE" VALUES (14,'Mallaurie','3 rue de la couture','
       02/04/2015','commercial',4);
27 INSERT INTO "EMPLOYE" VALUES (15,'Lise','4 avenue du sourire','02/01/2012',
       'responsable',5);
28 INSERT INTO "EMPLOYE" VALUES (16,'Johan','6 rue jemenfou','04/04/2004','
       m canicien',5);
29 INSERT INTO "EMPLOYE" VALUES (17,'Paul','3 rue','12/11/2010','commercial'
       ,5);
30
31 ──NUMERO, NOM, ADRESSE
32 INSERT INTO "CLIENT" VALUES (0, 'Jean Jambe', '3 quartier du zoo','
       particulier');
```

```
33  INSERT INTO "CLIENT" VALUES (1, 'SuperKlavier3000', '6th_keyboard_square','
        entreprise');
34  INSERT INTO "CLIENT" VALUES (2, 'Client_Simple', '1th_simplicity_lane','
        particulier');
35  INSERT INTO "CLIENT" VALUES (3, 'Client_Complexe', '5th_complex_square','
        entreprise');
36  INSERT INTO "CLIENT" VALUES (4, 'Grand_Mechant_Loup', 'Maison_de_m re_
        grand','entreprise');
37  INSERT INTO "CLIENT" VALUES (5, 'Filipe_Gama', 'Ach res_Ville','
        particulier');
38  INSERT INTO "CLIENT" VALUES (6, 'Vincent_Monot', 'Courdimanche','
        particulier');
39
40  −−NUM_IM, AGENCE, DATE_ACHAT, KILOMETRAGE, MODELE, MARQUE, CAUTION
41  INSERT INTO "VEHICULE" VALUES (132289,1,'16/01/2015',3500,'3XS','Citroen'
        ,200); −−Utilitaire
42  INSERT INTO "VEHICULE" VALUES (982342,1,'13/04/2015',87400,'Tremplin','
        Citroen',200);
43  INSERT INTO "VEHICULE" VALUES (345432,1,'10/05/2015',3200,'Super','Peugeot'
        ,200); −−Utilitaire
44  INSERT INTO "VEHICULE" VALUES (787878,1,'16/01/2015',4200,'32S','Mercedes'
        ,100); −−Utilitaire
45  INSERT INTO "VEHICULE" VALUES (989898,2,'05/01/2015',20520,'3XS','Citroen'
        ,150); −−Utilitaire
46  INSERT INTO "VEHICULE" VALUES (543289,2,'23/02/2015',6500,'Prius','Toyota'
        ,500);
47  INSERT INTO "VEHICULE" VALUES (252525,2,'12/05/2015',654120,'32S','Peugeot'
        ,300); −−Utilitaire
48  INSERT INTO "VEHICULE" VALUES (101010,1,'16/01/2015',4200,'32S','Mercedes'
        ,100); −−Utilitaire
49  INSERT INTO "VEHICULE" VALUES (679423,3,'12/03/2015',8900,'Super','Peugeot'
        ,200); −−Utilitaire
50  INSERT INTO "VEHICULE" VALUES (432332,5,'16/01/2015',98600,'32S','Mercedes'
        ,800); −−Utilitaire
51  INSERT INTO "VEHICULE" VALUES (142992,5,'16/01/2015',6800,'206','Peugeot'
        ,250);
52
53
54  −−ID_LOCATION, JOUR_ENREGISTREMENT, TARIF_JOUR, KILOMETRAGE_DEPART,
        AGENCE_DEPART, AGENCE_RETOUR, NB_JOURS, NUM_IM
55  INSERT INTO "LOCATION" VALUES (0,'19/07/14',60,120,0,0,3,142992);
56  INSERT INTO "LOCATION" VALUES (1,'12/07/15',70,250,1,5,14,142992);
57  INSERT INTO "LOCATION" VALUES (2,'12/02/14',60,270,2,4,25,432332);
58  INSERT INTO "LOCATION" VALUES (3,'14/07/15',80,400,4,4,1,543289);
59  INSERT INTO "LOCATION" VALUES (4,'16/02/15',90,500,5,1,20,982342);
60  INSERT INTO "LOCATION" VALUES (5,'23/02/15',65,800,4,0,2,345432);
61  INSERT INTO "LOCATION" VALUES (6,'23/11/15',2,1500,2,2,150,101010);
62  INSERT INTO "LOCATION" VALUES (7,'10/11/11',85,400,1,2,36,132289);
63
64  −−ID_LOCATION, NUM_CLIENT
65  INSERT INTO "CORRESPONDRE" VALUES(0,1);
66  INSERT INTO "CORRESPONDRE" VALUES(1,3);
67  INSERT INTO "CORRESPONDRE" VALUES(2,6);
68  INSERT INTO "CORRESPONDRE" VALUES(3,1);
69  INSERT INTO "CORRESPONDRE" VALUES(4,4);
70  INSERT INTO "CORRESPONDRE" VALUES(5,5);
71  INSERT INTO "CORRESPONDRE" VALUES(6,4);
72  INSERT INTO "CORRESPONDRE" VALUES(7,4);
```

```
73
74   −−NUM_IM, CAPACITE, CHARGE_MAX
75   INSERT INTO "UTILITAIRE" VALUES (132289,700,1500);
76   INSERT INTO "UTILITAIRE" VALUES (679423,1000,1650);
77   INSERT INTO "UTILITAIRE" VALUES (252525,2000,2500);
78   INSERT INTO "UTILITAIRE" VALUES (345432,5000,4000);
79   INSERT INTO "UTILITAIRE" VALUES (432332,4350,4700);
80   INSERT INTO "UTILITAIRE" VALUES (787878,6200,2000);
81   INSERT INTO "UTILITAIRE" VALUES (101010,7400,3200);
82   INSERT INTO "UTILITAIRE" VALUES (989898,1200,9800);
```

Requêtes 1 à 8

```
1   −−Requete 1
2   SELECT nom, adresse
3   FROM "CLIENT"
4   WHERE numero IN (
5       SELECT num_Client
6       FROM "CORRESPONDRE"
7       WHERE num_Client IN (
8           SELECT num_Client
9           FROM "CORRESPONDRE"
10          WHERE id_Location IN (
11              SELECT id_Location
12              FROM "LOCATION"
13              WHERE num_Im IN (
14                  SELECT num_Im
15                  FROM "UTILITAIRE"
16              )
17          )
18      )
19      AND num_Client IN (
20          SELECT num_Client
21          FROM "CORRESPONDRE"
22          WHERE id_Location IN (
23              SELECT id_Location
24              FROM "LOCATION"
25              WHERE num_Im NOT IN (
26                  SELECT num_Im
27                  FROM "UTILITAIRE"
28              )
29          )
30      )
31      GROUP BY num_Client
32  );
33
34  −−Requete 2
35  SELECT modele, marque
36  FROM "VEHICULE"
37  WHERE modele NOT IN (
38      SELECT modele
39      FROM "VEHICULE"
40      WHERE num_Im IN (
41          SELECT num_Im
42          FROM "LOCATION"
43          WHERE id_Location IN (
44              SELECT id_Location
45              FROM "CORRESPONDRE"
46              WHERE num_Client IN (
47                  SELECT numero
48                  FROM "CLIENT"
49                  WHERE type_Client = 'entreprise'
50              )
51          )
52      )
53      GROUP BY modele
54  )
55  GROUP BY modele, marque;
```

```sql
56
57  −−Requete 3
58  SELECT numero ,nom
59  FROM "CLIENT"
60  WHERE numero IN (
61      SELECT num_Client
62      FROM "CORRESPONDRE"
63      WHERE id_Location IN (
64          SELECT id_Location
65          FROM "LOCATION"
66          WHERE agence_Depart != agence_Retour
67      )
68      GROUP BY num_Client
69  );
70
71  −−Requete 4
72  SELECT nom
73  FROM "AGENCE"
74  WHERE id_Agence IN (
75      SELECT nbByMarque.id_Agence
76      FROM (
77          SELECT marques.id_Agence , COUNT(marques.nbMarque) AS countMarque
78          FROM (
79              SELECT id_Agence , COUNT(marque) as nbMarque
80              FROM "VEHICULE"
81              WHERE num_Im IN (
82                  SELECT num_Im
83                  FROM "UTILITAIRE"
84                  WHERE num_Im NOT IN (
85                      SELECT num_Im
86                      FROM "LOCATION"
87                      WHERE jour_Enregistrement + nb_Jours > current_date
88                  )
89              )
90              GROUP BY marque , id_Agence
91          )
92          AS marques GROUP BY id_Agence
93      ) AS nbByMarque , (
94          SELECT COUNT(marques.nbMarque) AS countTotal
95          FROM (
96              SELECT COUNT(marque) as nbMarque
97              FROM "VEHICULE"
98              WHERE num_Im IN (
99                  SELECT num_Im
100                 FROM "UTILITAIRE"
101             )
102             GROUP BY marque
103         ) AS marques
104     ) AS nbTotal
105 WHERE nbByMarque.countMarque = nbTotal.countTotal );
106
107
108 −−Requete 5
109 SELECT nom
110 FROM "EMPLOYE"
111 WHERE type_Employe = 'responsable'
112 AND id_Agence IN (
113     SELECT id_Agence
```

```
114        FROM  "AGENCE"
115        WHERE id_Agence NOT IN (
116            SELECT  id_Agence
117            FROM  "VEHICULE"
118            WHERE num_Im NOT IN (
119                SELECT  num_Im
120                FROM  "UTILITAIRE"
121            )
122        )
123    ) ;

124
125    --Requete 6
126    SELECT  nom, adresse
127    FROM  "CLIENT"
128    WHERE numero IN (
129        SELECT  sums.id
130        FROM  (
131            SELECT  num_Client AS id , COUNT(id_Location) AS sums
132            FROM  "CORRESPONDRE" GROUP BY num_Client
133        ) AS sums , (
134            SELECT MAX(sums.sums) AS max
135            FROM  (
136                SELECT COUNT(id_Location) AS sums
137                FROM  "CORRESPONDRE"
138                GROUP BY num_Client
139            ) AS sums
140        ) AS max
141        WHERE sums.sums = max.max
142    ) ;

143
144    --Requete 7
145    SELECT  "AGENCE".nom AS "Nom_de_l'agence", responsable.nom AS "Nom_du_
           responsable", responsable.nombre AS "Nombre_de_locations"
146    FROM  "AGENCE" INNER JOIN (
147        SELECT  id_Agence, nom, coalesce(locations.nombre, 0) AS nombre
148        FROM  "EMPLOYE" LEFT JOIN (
149            SELECT  agence_Depart , COUNT(num_Im) AS nombre
150            FROM  "LOCATION"
151            WHERE jour_Enregistrement > '01-01-2015'::date
152            AND nb_Jours > 3
153            GROUP BY agence_Depart
154        ) AS locations
155        ON (
156            id_Agence = agence_Depart
157        )
158        WHERE type_Employe = 'responsable'
159    ) AS responsable
160    ON (
161        "AGENCE".id_Agence = responsable.id_Agence
162    ) ;

163
164    --Requete 8
165    SELECT  "VEHICULE".num_Im , coalesce(montantFinal.montant , 0)
166    FROM  "VEHICULE" LEFT JOIN (
167        SELECT  locations.num_Im AS num_Im , SUM(locations.montant) AS montant
168        FROM  "CORRESPONDRE" INNER JOIN (
169            SELECT  id_Location , num_Im , tarif_jour*nb_Jours AS montant
170            FROM  "LOCATION"
```

14

```sql
171          WHERE num_Im IN (
172              SELECT num_Im
173              FROM "VEHICULE"
174          )
175          AND jour_Enregistrement >= '01-07-2015'::date
176          AND jour_Enregistrement <= '31-07-2015'::date
177      ) AS locations
178      ON (
179          "CORRESPONDRE".id_Location = locations.id_Location
180      )
181      WHERE num_Client IN (
182          SELECT num_Client
183          FROM "CLIENT"
184          WHERE type_Client = 'entreprise'
185      )
186      GROUP BY locations.num_Im
187  ) AS montantFinal
188  ON (
189      "VEHICULE".num_Im = montantFinal.num_Im
190  )
191  WHERE kilometrage < 20000;
```

Requêtes 9 et 10

```php
1   <!DOCTYPE html>
2   <html>
3
4   <head>
5     <title>REQUETES BDD 9 et 10</title>
6     <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
7   </head>
8
9   <style type="text/css">
10    h3{
11       text-align: center;
12       color: blue;
13    }
14
15  </style>
16
17  <body>
18
19  <?php
20
21  $host = 'localhost';
22  $port= '5432';
23  $dbname = 'postgres';
24  $user = 'postgres';
25  $password = 'admin';
26
27  $dbconnect = pg_connect("host=$host dbname=$dbname user=$user password=
        $password");
28
29  //FORMULAIRE A L'ARRACHE POUR LE MOMENT (REQUETE 9)
30
31  echo "<h3>FORMULAIRE D'ENREGISTREMENT D'UNE LOCATION</h3>";
32  echo "<form action='requetesBDD.php' method='post' class='formulaire'>";
33  echo '<p>Id de la location : <input type="text" name="id"/></p>';
34  echo '<p>Jour d\'enregistrement : <input type="date" name="
        jourenregistrement"/>'.date('Y-m-d').'</p>'; //Il faut mettre des 'date'
         dans le formulaire sinon erreur.
35  echo '<p>Tarif du jour : <input type="text" name="tarifjour"/></p>';
36  echo '<p>Kilometrage de depart : <input type="text" name="kmdepart"/></p>';
37  echo '<p>Agence de depart : <input type="text" name="agdepart"/></p>';
38  echo '<p>Agence de retour : <input type="text" name="agretour"/></p>';
39  echo '<p>Nombre de jours : <input type="text" name="nbjours"/></p>';
40  echo '<p>Numero d\'immatriculation : <input type="text" name="numim"/></p>'
        ;
41  echo '<p><input type="submit" name="submitLoc" value="OK"/></p>';
42  echo "</form>";
43
44  //DEBUG ZONE
45  var_dump(isset($_POST['submitLoc']));
46  var_dump(empty($_POST['jourenregistrement']))
47  var_dump(empty($_POST['kmdepart']))
48
49  //ID_LOCATION, JOUR_ENREGISTREMENT, TARIF_JOUR, KILOMETRAGE_DEPART,
        AGENCE_DEPART, AGENCE_RETOUR, NUM_IM
50  if(!empty($_POST['id']) && !empty($_POST['jourenregistrement'])
```

```php
51   && !empty($_POST['tarifjour']) && !empty($_POST['kmdepart']) && !empty(
         $_POST['agdepart']) !empty($_POST['agretour'])
52   && !empty($_POST['nbjours']) && !empty($_POST['numim'])){
53
54      $idLocation=$_POST['id'];
55      $jourEnregistrement=$_POST['jourenregistrement'];
56      $tarifJour=$_POST['tarifjour'];
57      $kilometrageDepart=$_POST['kmdepart'];
58      $agenceDepart=$_POST['agdepart'];
59      $agenceRetour=$_POST['agretour'];
60      $nbJours=$_POST['nbjours'];
61      $numIm=$_POST['numim'];
62      $query = "INSERT INTO \"LOCATION\" VALUES ($idLocation,
            $jourEnregistrement, $tarifJour, $kilometrageDepart, $agenceDepart,
            $agenceRetour, $nbJours, $numIm)";
63      $result = pg_query($dbconnect, $query);
64        if(!$result){
65          echo "Erreur";
66        }
67        else{
68          echo 'Votre location a bien  t  enregistr e, merci de votre visite
              :)';
69        }
70   }
71   else{
72      echo "Un des champs a  t  laiss  vide, merci de recommencer\n"
73   }
74   /*EXCEPTIONS A PRENDRE EN COMPTE :
75    -Caract res sp ciaux      viter .
76    -Date      remplir pour jour_enregistrement
77    -id location pas      remplir, automatique(ils se suivent)
78    -kilom trage de d part d j   d fini (rapport    kilom trage de
          VEHICULE)
79    -numim doit exister dans VEHICULE
80   */
81
82
83   //REQUETE 10 (EN COURS)
84   $nbJoursPrevu = "SELECT nb_Jours FROM \"LOCATION\"";
85   $resNbJoursPrevu = pg_query($dbconnect, $nbJoursPrevu);
86   $caution = "SELECT caution FROM \"VEHICULE\"";
87   $resCaution = pg_query($dbconnect, $caution);
88
89   echo "<h3>ENREGISTREMENT DE LA RESTITUTION D'UN VEHICULE</h3>";
90   echo "<form action='requetesBDD.php' method='post' class='formulaire'>";
91   echo '<p>Numero de plaque d\'immatriculation : <input type="text" name="
        numim"/></p>';
92   echo '<p>Nombre de jours : <input type="text" name="nbjours"/></p>';
93   echo '<p>Agence de rendu : <input type="text" name="agencerendu"/></p>';
94   echo '<p><input type="submit" name="submitRend" value="OK"/></p>';
95   echo '</form>';
96
97   if(isset($_POST['submitRend'])){
98      $numIm=$_POST['numim'];
99      $nbJours=$_POST['nbjours'];
100     $agenceRendu=$_POST['agencerendu'];
101     $query = "UPDATE \"VEHICULE\" SET id_Agence=$agenceRendu WHERE num_Im=
            $numIm";
```

```php
102      $result = pg_query($dbconnect, $query);
103      if(!$result){
104        echo "Erreur\n";
105      }
106      else{
107        echo "V hicule rendu !\n";
108          if($nbJours==$resNbJoursPrevu){
109            $prixAPayer = $nbJours*$resCaution;
110          }
111          else{
112            $prixAPayer = ($nbJours*$resCaution)+1000;
113          }
114          echo "Vous devez payer : $prixAPayer    ";
115      }
116      }
117
118
119
120  //DEBUG ZONE
121  var_dump(isset($_POST['submitRend']));
122
123  //AFFICHAGE D'UNE TABLE (POUR TESTS)
124  /*
125  $query = "SELECT * FROM \"VEHICULE\"";
126  $result = pg_query($query) or die("Echec de la requ te :".pg_last_error())
          ;
127  echo "<table/>\n";
128  while ($line=pg_fetch_array($result, null, PGSQL_ASSOC)){
129    echo "\t<tr>\n";
130    foreach ($line as $col_value) {
131      echo "\t\t<td>$col_value</td>\n";
132    }
133    echo "\t</tr>\n";
134  }
135  echo "</table>\n";
136  pg_free_result($result);
137  */
138
139  pg_close($dbconnect);
140  ?>
141
142  </body>
143
144  </html>
```

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