Projet Cas-M-Ping

# Dictionnaire de données

**caravan**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| car\_id | int(11) | Non |  | caravans id name |
| car\_society\_name | varchar(20) | Non |  | society name who rent caravans |
| car\_price | double | Non |  | caravans\_price |
| car\_nb\_person | int(11) | Non |  | the number of person who can live into the caravan |
| car\_id\_location | int(11) | Non |  | location number where the caravans was rented |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | car\_id | 0 | A | Non |  |

**customer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| cust\_id | int(11) | Non |  | customer's ID |
| cust\_lastName | varchar(15) | Non |  | customer's last name |
| cust\_address | varchar(255) | Non |  | customer's address |
| cust\_postal\_code | varchar(10) | Non |  | customer's postal code |
| cust\_city | varchar(20) | Non |  | customer's city |
| cust\_phone\_number | varchar(13) | Non |  | customer's phone number |
| cust\_record\_number | varchar(15) | Non |  | customer's record number |
| cust\_firstName | varchar(15) | Non |  |  |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | cust\_id | 9 | A | Non |  |

**link\_car\_location**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| lcl\_car\_id | int(11) | Non |  |  |
| lcl\_rent\_id | int(11) | Non |  |  |

**Index**

| **Nom de l'index** | **Type** | **Unique** | | **Compressé** | | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | | lcl\_car\_id | | 0 | A | Non |  |
| lcl\_rent\_id | | 0 | A | Non |
| lcl\_rend\_constraint | BTREE | Non | Non | | lcl\_rent\_id | | 0 | A | Non |  |

**link\_rent\_rental**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| lle\_rent\_id | int(11) | Non |  |  |
| lle\_loc\_id | int(11) | Non |  |  |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | lle\_rent\_id | 3 | A | Non |  |
| lle\_loc\_id | 3 | A | Non |
| rent\_index | BTREE | Non | Non | lle\_rent\_id | 3 | A | Non |  |
| lle\_location\_constraint | BTREE | Non | Non | lle\_loc\_id | 3 | A | Non |  |

**link\_season\_location**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| link\_seas\_id | int(11) | Non |  |  |
| link\_location\_id | int(11) | Non |  |  |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | link\_seas\_id | 2 | A | Non |  |
| link\_location\_id | 2 | A | Non |
| link\_location\_constraint | BTREE | Non | Non | link\_location\_id | 2 | A | Non |  |

**link\_visitor\_rental**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| lvr\_visitor\_id | int(11) | Non |  |  |
| lvr\_rental\_id | int(11) | Non |  |  |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| index\_rental\_id | BTREE | Non | Non | lvr\_rental\_id | 0 | A | Non |  |
| index\_visitor\_id | BTREE | Non | Non | lvr\_visitor\_id | 0 | A | Non |  |

**location**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| loc\_id | int(11) | Non |  | location's id |
| loc\_sec\_id | int(11) | Non |  |  |
| loc\_type\_id | int(11) | Non |  |  |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | loc\_id | 4 | A | Non |  |
| loc\_sec\_index | BTREE | Oui | Non | loc\_sec\_id | 4 | A | Non |  |
| loc\_type\_index | BTREE | Non | Non | loc\_type\_id | 4 | A | Non |  |

**rental**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| rent\_id | int(11) | Non |  | Id from rentals date |
| rent\_name | varchar(20) | Non |  | renteur's name |
| rent\_begin | date | Non |  | begin date of the rent |
| rent\_end | date | Non |  | end date of the rent |
| rent\_nb\_person | int(11) | Non |  | nb person of the rent |
| rent\_location\_state | text | Non |  | rent's state after the rent |
| rent\_caution\_state | double | Non |  | rent's state payment |
| rent\_days\_number | int(11) | Non |  | rent's days number |
| rent\_price | double | Non |  | rent's price |
| rent\_cust\_id | int(11) | Non |  | foreign key from customer's table |
| rent\_validity | tinyint(1) | Non | 1 | rent's state of the validity |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | rent\_id | 2 | A | Non |  |
| cust\_foreign\_key | BTREE | Non | Non | rent\_cust\_id | 2 | A | Non |  |

**season**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| seas\_id | int(11) | Non |  | season's id |
| seas\_name | varchar(20) | Non |  | season's name |
| seas\_start\_date | date | Non |  | season's start date |
| seas\_end\_date | date | Non |  | season's end date |
| seas\_coeff | double | Non |  | season's coeff |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | seas\_id | 6 | A | Non |  |

**sector**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| sec\_id | int(11) | Non |  | sector's id |
| sec\_name | varchar(30) | Non |  | sector's name |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | sec\_id | 6 | A | Non |  |

**type\_location**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| type\_location\_id | int(11) | Non |  | type location's id |
| type\_location\_name | varchar(20) | Non |  | location's name |
| type\_location\_price | double | Non |  | location's price |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | type\_location\_id | 5 | A | Non |  |

**visitor**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colonne** | **Type** | **Null** | **Défaut** | **Commentaires** |
| vis\_id | int(11) | Non |  |  |
| vis\_firstName | varchar(20) | Non |  |  |
| vis\_lastName | varchar(20) | Non |  |  |
| vis\_personNumber | int(11) | Non |  |  |
| vis\_date | date | Non |  |  |

**Index**

| **Nom de l'index** | **Type** | **Unique** | **Compressé** | **Colonne** | **Cardinalité** | **Interclassement** | **Null** | **Commentaire** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Oui | Non | vis\_id | 0 | A | Non |  |

[Ouvrir une nouvelle fenêtre phpMyAdmin](http://localhost/phpmyadmin/db_datadict.php?db=camping&table=visitor&server=1&target=&token=2e976f7f6bd317e8eb53f3f3d1513e4b)

## Architecture du site avec les paramètres

## Clients

### Gestion des clients :

* Ajout de clients.
* Modification de clients.
* Suppression de clients.
* Suppression multiples.

### Paramètres :

* Numéro de dossier
* Nom
* Prénom
* Code Postal
* Ville
* Téléphone

## Locations :

### Gestion des locations :

* Création d’une location.
* Modification d’une location.
* Suppression d’une location.
* Suppression multiples.

### Paramètres :

* Nom de la location
* Date de début
* Date de fin
* Nombre de personnes
* Etat du paiement
* Tarifs
* Emplacements
* Caravanes
* Client

## Emplacements :

### Gestion des emplacements :

* Ajout d’un emplacement
* Modification d’un emplacement
* Suppression d’un emplacement
* Suppression multiples

### Paramètres :

* Numéro d’emplacement
* Secteur
* Type d’emplacement
* Prix

## Secteurs

### Gestion des secteurs :

* Ajout d’un secteur
* Modification d’un secteur
* Suppression d’un secteur
* Suppression multiples

### Paramètres

* Nom de secteur
* Emplacements
* Type d’emplacement

## Saison

### Gestion des saisons :

* Ajout d’une saison
* Modification d’une saison
* Suppression d’une saison
* Suppression multiples

### Paramètres :

* Nom de la saison
* Date de début
* Date de fin
* Coefficient

## Caravanes

### Gestion des caravanes :

* Location de caravanes
* Retour d’une caravane
* Retours multiples

### Paramètres :

* Société
* Prix
* Nombre de personnes
* Emplacement de la caravane

# Diagramme des classes :

# E:\wamp\www\Cas-M-Ping\Gestion de projet\Documentation\MLD.png

# MCD :

