Show Data

```php
<table class="table table-hover">
        <thead>
            <tr>
                <th>Id</th>
            </tr>
        </thead>
        <?php
        $stmt = $dbCon->prepare("select...");
        $stmt->execute()
        ?>
        <tbody>
            <tr>
                <?php
                while($row = $stmt->fetch(PDO::FETCH_OBJ))
                {
                ?>
                    <td><?php echo$row->id?></td>
                </tr>
                <?php
                }
                ?>
        </tbody>
    </table>
```

Insert Data

```php
<div class="container">
    <form method="POST">
            <label class="col-form-label mt-4" for="fname">Marke:</label><br>
            <input class="form-control" type="text" id="marke" name="marke"><br>
            <input class="btn btn-primary" name="save" type="submit" id="save" value="Speichern"><br><br>
    </form>
</div>

<?php
    if(isset($_POST['save'])&& $_POST["save"]!="")
    {
        try
        {
            $query = "insert into auto(marke)
                values(?)";

            $marke = $_POST['marke'];

            $stmt = $dbCon->prepare($query);

            $stmt->execute([$marke]);

            ?>
            <div class="alert alert-success" role="alert">
                <?php echo 'Eintrag wurde mit ID: ' . $dbCon->lastInsertId() . ' hinzugefügt' ?>
            </div>
            <?php
        }
        catch(Exception $e)
        {
            echo $e->getMessage() . '!' . $e->getCode();
        }
    }
elseif(isset($_POST['save']))
{
    echo 'save';
}
?>
```

DB-Schema (Show Databases)

```php
<div class="container">
<table class="table table-hover">
        <thead>
            <tr>
                <th>DB Name</th>
                <th>Show Details</th>
            </tr>
        </thead>
        <?php
        $stmt = $dbCon->query("show databases");
        $stmt->execute()
        ?>
        <tbody>
            <tr>
                <?php
                while(($row = $stmt->fetchColumn(0)) !== false)
                {
                    ?>
                    <td><?php echo$row?></td>
                    <form action="show_tables.php?daten=<?php echo $row?>" method="POST">
                        <td><a class="nav-link"><button>Details</button></a></td>
                    </form>
                    </form>
                    </tr>
                    <?php
                }
                ?>
        </tbody>
    </table>
</div>
```

DB-Schema (Show Tables from Database)

```php
<?php
    $datenbank = $_GET["daten"]
?>

<div class="container">
<a>Datenbank-Name <?php echo $datenbank ?></a>
<table class="table table-hover">
        <thead>
            <tr>
                <th>Table Names</th>
                <th>Show Details</th>
                <th>Show Data</th>
            </tr>
        </thead>
        <?php

        $stmt = $dbCon->query("show tables from $datenbank");
        $stmt->execute()
        ?>
        <tbody>
            <tr>
                <?php
                while(($row = $stmt->fetchColumn(0)) !== false)
                {
                ?>
                <td><?php echo$row?></td>
                <td><a class="nav-link" href="show_information.php?tabelle=<?php echo $row?>&datenbank=<?php echo $datenbank?>"><button>Beschreibung</button></a></td>
                <td><a class="nav-link" href="show_details.php?tabelle=<?php echo $row?>&datenbank=<?php echo $datenbank?>"><button>Inhalt</button></a></td>
                </tr>
                <?php
                }
                ?>
        </tbody>
    </table>
</div>
```

DB-Schema (Information columns/datatypes/...)

```php
<?php
    $tabelle = $_GET["tabelle"];
    $db = $_GET["datenbank"];
?>

<div class="container">
<a>Table-Name <?php echo $tabelle ?></a>
<table class="table table-hover">
        <thead>
            <tr>
                <th>Fields</th>
                <th>Type</th>
                <th>Nullable</th>
                <th>Key</th>
                <th>Default</th>
                <th>Extra</th>
            </tr>
        </thead>
        <?php

        $stmt = $dbCon->query("use $db");
        $stmt->execute();
        $stmt = $dbCon->query("describe $tabelle");
        $stmt->execute();
        $result = $stmt->fetchAll(PDO::FETCH_ASSOC);
        ?>
        <tbody>
            <tr>
                <?php
                foreach($result as $column)
                {
                    ?>
                    <td><?php echo$column['Field']?></td>
                    <td><?php echo$column['Type']?></td>
                    <td><?php echo$column['Null']?></td>
                    <td><?php echo$column['Key']?></td>
                    <td><?php echo$column['Default']?></td>
                    <td><?php echo$column['Extra']?></td>
                    </tr>
                    <?php
                }
                ?>
        </tbody>
    </table>
</div>
```

DB-Schema (Show Data)

```php
<?php
    $tabelle = $_GET["tabelle"];
    $db = $_GET["datenbank"];
?>

<div class="container">
<a>Table-Name <?php echo $tabelle ?></a>
<table class="table table-hover">
        <?php
        $stmt1 = $dbCon->query("use $db");
        $stmt1->execute();
        $stmt1 = $dbCon->query("describe $tabelle");
        $stmt1->execute();
        $result = $stmt1->fetchAll(PDO::FETCH_ASSOC);
        ?>
        <thead>
        <tr>
            <?php
                foreach ($result as $column)
                {
                ?>
                <th><?php echo$column['Field']?></th>
                <?php
                }
            ?>
        </tr>
        </thead>
        <?php
        $stmt = $dbCon->query("use $db");
        $stmt->execute();
        $stmt = $dbCon->query("select * from $tabelle");
        $stmt->execute();
        $columnCnt=$stmt->columnCount();
        ?>
        <tbody>
            <tr>
                <?php
                while($rows = $stmt->fetch(PDO::FETCH_OBJ))
                {
                    foreach($rows as $row)
                    {
                    ?>
                    <td><?php echo $row?></td>
                    <?php
                    }
                ?>
                </tr>
                <?php
                }
                ?>
        </tbody>
    </table>
</div>
```

Search (normal)

```php
<div class="container">

<form class="d-flex" method="POST" action="?page=search">
    <input type="text" name="query" placeholder="Marke">
    <?php
        $smt = $dbCon->prepare('select modell from auto');
        $smt->execute();
        $data = $smt->fetchAll();
    ?>
    <select name="modell">
        <option></option>
            <?php
                foreach($data as $row):?>
                <option><?=$row["modell"]?></option>
            <?php endforeach?>
    </select>
    <input class="btn btn-secondary my-2 my-sm-0" type="submit" name="btnSubmit" value="Search">
</form>

<?php
if(isset($_POST['btnSubmit']))
{
    $query=$_POST['query'];
    $query=$_POST['modell'];
    ?>
    <table class="table table-hover">
        <thead>
            <tr>
                <th>Test</th>
            </tr>
        </thead>
        <?php
        $marke=$query;
        $sql = "SELECT * FROM auto WHERE marke LIKE concat('%',:marke,'%') AND modell like concat('%',:modell,'%')";
        $stmt = $dbCon->prepare($sql);
        $stmt->bindParam(':marke', $_POST['query']);
        $stmt->bindParam(':modell', $_POST['modell']);
        $stmt->execute();
        ?>
        <tbody>
            <tr>
                <?php
                while($row = $stmt->fetch(PDO::FETCH_OBJ))
                {
                    ?>
                    <td><?php echo$row->id?></td>
                    </tr>
                    <?php
                }
                ?>
        </tbody>
    </table>
</div>
<?php
}
?>
```

Search (Citybikeverwaltung)

```html
<div class="container">

<form class="d-flex" method="POST" action="?page=search">
<fieldset>
    <div class="form-group row">
      <div class="col-sm-10">
      <input type="text" name="id" placeholder="KundenID">
      </div>
    </div>
    <fieldset class="form-group">
      <legend class="mt-4">Zeitraum</legend>
      <div class="form-check">
        <label class="form-check-label">
          <input type="radio" class="form-check-input" name="optionsRadios" id="optionsRadios1" value="option1">
          voriger Monat
        </label>
      </div>
      <div class="form-check">
        <label class="form-check-label">
          <input type="radio" class="form-check-input" name="optionsRadios" id="optionsRadios2" value="option2">
          aktueller Monat
        </label>
      </div>
      <div class="form-check">
        <label class="form-check-label">
          <input type="radio" class="form-check-input" name="optionsRadios" id="optionsRadios3" value="option3">
          nächster Monat
        </label>
      </div>
      <div class="form-check">
        <label class="form-check-label">
          <input type="radio" class="form-check-input" name="optionsRadios" id="optionsRadios4" value="option4" checked>
          alle
        </label>
      </div>
    </fieldset>
    <input class="btn btn-secondary my-2 my-sm-0" type="submit" name="btnSubmit" value="Search">
  </fieldset>
</form>
```

```php
<?php
if(isset($_POST['btnSubmit']))
{
    $id=$_POST['id'];
    $month=$_POST['optionsRadios'];
    ?>
    <table class="table table-hover">
        <thead>
            <tr>
                <th>KundenId</th>
                <th>Vorname</th>
                <th>Nachname</th>
                <th>Ausgeliehen von</th>
                <th>Ausgeliehen bis</th>
                <th>Abholort</th>
                <th>Rückgabeort</th>
            </tr>
        </thead>
        <?php
        $timestamp = time();

        if($month == 'option3')
        {
            $month = date("Y-m-", strtotime("+1 months"));
        }
        else if($month == 'option2')
        {
            $month = date("Y-m-", $timestamp);
        }
        else if($month == 'option1')
        {
            $month = date("Y-m-", strtotime("-4 months"));
        }
        else
        {
            $month = 'option4';
        }

        if($month == 'option4')
        {
            $sql = "select p.idPerson, p.Vorname, p.Nachname, v.DatumVon, v.DatumBis, sb.Standortname as Standortbis,
            sv.Standortname as Standortvon from verleih as v join produkt as pr on v.Produkt_idProdukt=pr.idProdukt
            join standort as sv on v.StandortVon=sv.idStandort join standort as sb on v.StandortBis=sb.idStandort
            join person as p on v.Person_idPerson=p.idPerson WHERE p.idPerson LIKE concat('%',:id,'%')";
        }
        else
        {
            $sql = "select p.idPerson, p.Vorname, p.Nachname, v.DatumVon, v.DatumBis, sb.Standortname as Standortbis,
            sv.Standortname as Standortvon from verleih as v join produkt as pr on v.Produkt_idProdukt=pr.idProdukt
            join standort as sv on v.StandortVon=sv.idStandort join standort as sb on v.StandortBis=sb.idStandort
            join person as p on v.Person_idPerson=p.idPerson
            WHERE p.idPerson LIKE concat('%',:id,'%') AND v.DatumVon LIKE concat('%',:month,'%')
            AND v.DatumBis LIKE concat('%',:month,'%')";
        }
```

```php
        $stmt = $dbCon->prepare($sql);
        $stmt->bindParam(':id', $_POST['id']);
        if($month != 'option4')
        {
            $stmt->bindParam(':month', $month);
        }
        $stmt->execute();
        ?>
        <tbody>
            <tr>
                <?php
                while($row = $stmt->fetch(PDO::FETCH_OBJ))
                {
                    ?>
                    <td><?php echo$row->idPerson?></td>
                    <td><?php echo$row->Vorname?></td>
                    <td><?php echo$row->Nachname?></td>
                    <td><?php echo$row->DatumVon?></td>
                    <td><?php echo$row->DatumBis?></td>
                    <td><?php echo$row->Standortvon?></td>
                    <td><?php echo$row->Standortbis?></td>
                    </tr>
                    <?php
                }
                ?>
        </tbody>
    </table>
</div>
<?php
}
?>
```