

Project Title: Vehicle Parking Management System

Course: Web Technologies

Course Code: CSE4004 [G1+TG1]

Guided By: Dr. M.Krishna Siva Prasad

Submitted by:

Pathange Naga Ajay (20BCD7056)

Shaik Mohammad Waseem Akram(20BCD7141)

Pathange Naga Ajay (20BCD7056)

- Done Database mySQL and PHP part.
- Done login page with the help of php and mysql.
- Created home page of the project and users page of the project.
- And also done category page of the project.

Shaik Mohammad Waseem Akram(20BCD7141)

- Done with HTML,CSS,some part of PHP.
- Done Parking page and sub classes in parking page (Check-in , List).
- And also Parking Area Page of the project.
- And also done perfect overlook of the webpage.

Description:

The Parking Space Area Management System is a simple project that will assist a business with a pay parking area or a pay parking firm with the check-in and check-out procedure as well as monitor slot availability.

This system may print a parking ticket for the client's reference as well as a staff reference for the client's check-out.

With just a single click, this project can determine the parked time duration of the calculates.

Before checking in the client's vehicle, the personnel will just check the system for availability of a parking space or slot.

Clients will only need to use the parking ticket to find the location of the parking area that is specified on the ticket.

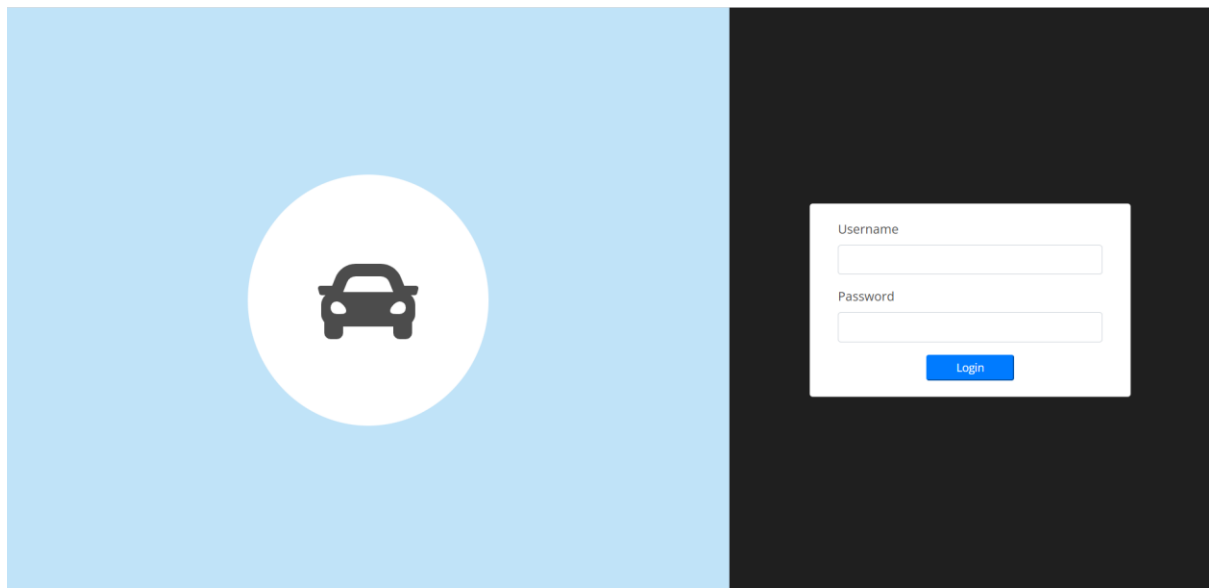
In that situation, the client will no longer be concerned and will be able to save time seeking for an available parking spot.

When the customer leaves the parking area, the staff will ask for the parking ticket that was given to them when they checked in so that they can retrieve the data for the client's car parking data.

The staff will then simple guide click the compute to checkout button in system, which will cause the system to generate the customer's parked time length as well as the computed amount owing to the client.

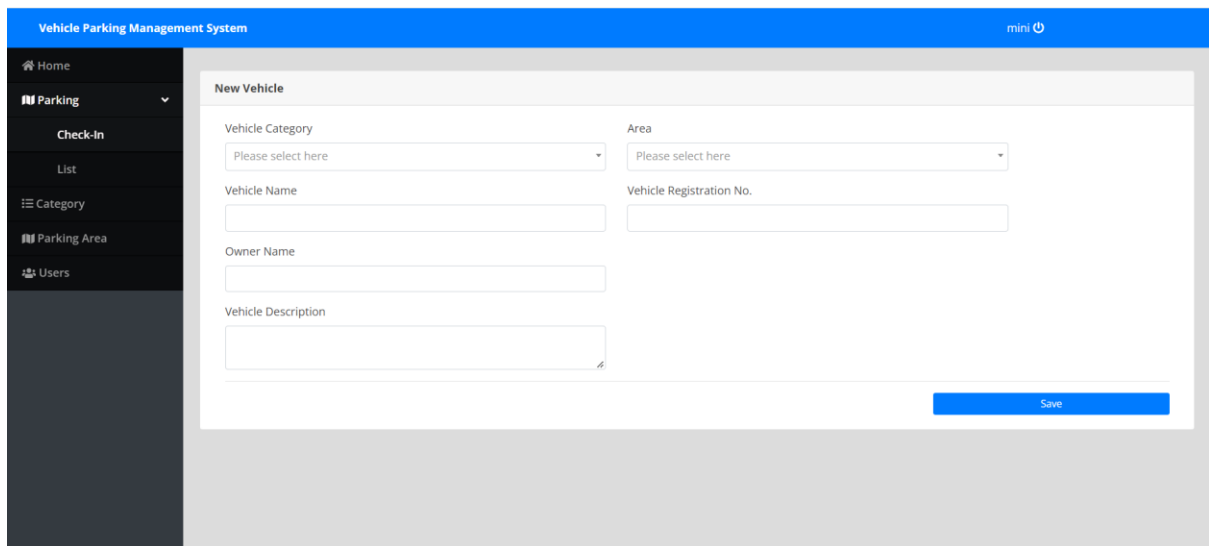
This system also has a basic change calculator that calculates the client's change from the amount tendered to the amount owed, after which the staff confirms the checkout process and the system generates a receipt.

LOGIN PAGE:



Admin Page

Parking outlook:



Vehicle Parking Management System

mini

Home

Parking

Category

Parking Area

Users

New Vehicle

Vehicle Category

Car

Area

Car Area 1

Rate: 80

Vehicle Name

KIA

Vehicle Registration No.

TS19BN2221

Owner Name

PRABHAS

Vehicle Description

CARNIVAL

Save

Print Receipt for Check in:

9/19/22, 2:47 PM

localhost\parkingsystem_receipt.php?tbl=15

Parking Ticket

Parking Reference No.: 7179633285

Vehicle Parked Area: Car Area 1

Vehicle Category: Car

Vehicle Owner: PRABHAS

Vehicle Registration No.: TS19BN2221

Vehicle Brand: KIA

Vehicle Description: CARNIVAL

Vehicle Parked-In Time Stamp: May 19, 2022 02:47 PM

localhost\parkingsystem_receipt.php?tbl=15

1/1

Print

1 page

Destination

Save as PDF

Pages

All

Layout

Portrait

More settings

Save

Cancel

LIST:

Vehicle Parking Management System

mini

Home

Parking

Check-In

List

Category

Parking Area

Users

Check-In/Check-out List

Show 10 entries

Search:

| # | Date | Parking Reference No. | Owner | Status | Action |
|----|-------------|-----------------------|---------------|-------------|---|
| 1 | May 19,2022 | 7179633205 | PRABHAS | Checked-in | View Delete |
| 2 | May 19,2022 | 8434970072 | Chiranjeevi | Checked-in | View Delete |
| 3 | May 19,2022 | 8184544680 | Waseem | Checked-in | View Delete |
| 4 | May 19,2022 | 5822369491 | Bheem | Checked-in | View Delete |
| 5 | May 19,2022 | 3984115508 | Yadagiri | Checked-in | View Delete |
| 6 | May 19,2022 | 3753985019 | Ramaraju | Checked-in | View Delete |
| 7 | Oct 03,2020 | 4099773928 | George Wilson | Checked-Out | View Delete |
| 8 | Oct 03,2020 | 3599556075 | Sample Only | Checked-Out | View Delete |
| 9 | Oct 02,2020 | 4033430792 | ada asd asd | Checked-Out | View Delete |
| 10 | Oct 02,2020 | 9428140638 | Sample Only | Checked-Out | View Delete |

Showing 1 to 10 of 12 entries

Previous

1

2

Next

Category:

Vehicle Parking Management System

mini

Home

Parking

Category

Parking Area

Users

+ Add Category

| # | Category | Rate per Hour | Action |
|---|---------------|---------------|---|
| 1 | Car | 80.00 | Edit Delete |
| 2 | Motorcycle | 55.00 | Edit Delete |
| 3 | Cycle | 30.00 | Edit Delete |
| 4 | Vehicle type2 | 70.00 | Edit Delete |

Adding New Category:

New Vehicle Category

Vehicle Category

sample type

Rate per Hour

20

Save

Cancel

Updation:

| # | Category | Rate per Hour | Action |
|---|---------------|---------------|---|
| 1 | Car | 80.00 | Edit Delete |
| 2 | Motorcycle | 55.00 | Edit Delete |
| 3 | Cycle | 30.00 | Edit Delete |
| 4 | Vehicle type2 | 70.00 | Edit Delete |
| 5 | sample type | 20.00 | Edit Delete |

Parking Area:

Vehicle Parking Management System

mini

Home

Parking

Check-In

List

Category

Parking Area

Users

+ Add Location

| # | Category | Location | Area Capacity | Action |
|---|---------------|---------------|---------------|---|
| 1 | Car | Car Area 1 | 50 | Edit Delete |
| 2 | Motorcycle | Area 1 | 30 | Edit Delete |
| 3 | Cycle | Cycle area | 20 | Edit Delete |
| 4 | Vehicle type2 | Area Block 23 | 10 | Edit Delete |

Adding New Location:

New Vehicle Location

Vehicle Category

sample type

Area Location

Sample Location

Area Capacity

35

Save

Cancel

Updation:

| # | Category | Location | Area Capacity | Action | |
|---|---------------|-----------------|---------------|-----------------|-------------------|
| 1 | Car | Car Area 1 | 50 | <div>Edit</div> | <div>Delete</div> |
| 2 | Motorcycle | Area 1 | 30 | <div>Edit</div> | <div>Delete</div> |
| 3 | Cycle | Cycle area | 20 | <div>Edit</div> | <div>Delete</div> |
| 4 | Vehicle type2 | Area Block 23 | 10 | <div>Edit</div> | <div>Delete</div> |
| 5 | sample type | Sample Location | 35 | <div>Edit</div> | <div>Delete</div> |

Users:

Vehicle Parking Management System

mini

+ New user

Home

Parking

Check-In

List

Category

Parking Area

Users

Show 10 entries

Search:

| # | Name | Username | Action |
|---|---------------|----------|--------|
| 1 | Administrator | admin | Action |
| 2 | Ajay | ajay | Action |
| 3 | Mini | mini | Action |
| 4 | Project | project | Action |
| 5 | Waseem | waseem | Action |

Showing 1 to 5 of 5 entries

Previous1Next

Adding New User:

New User

Name

Ramu

Username

ramu

Password

....

User Type

Admin

Save

Cancel

Updation:

Show

10

 entries

Search:

| # | Name | Username | Action |
|---|---------------|----------|--------|
| 1 | Administrator | admin | Action |
| 2 | Ajay | ajay | Action |
| 3 | Mini | mini | Action |
| 4 | Project | project | Action |
| 5 | Ramu | ramu | Action |
| 6 | Waseem | waseem | Action |

Showing 1 to 6 of 6 entries

Previous

1

Next

Checkout:

Parking Reference No. : 3753985019

Print Ticket

Edit

Vehicle Parked Area: Car Area 1

Vehicle Category: Car

Vehicle Owner: Ramaraju

Vehicle Registranion No.: AP21ER4598

Vehicle Brand: KIA

Vehicle Description: white car

Vehicle Parked-In Time Stamp: May 19, 2022 02:20 PM

Compute to Checkout

| | |
|--------------------------|----------------------|
| Check-In Timestamp | 2022-05-19 14:20 |
| Check-Out Timestamp | 2022-05-19 17:30 |
| Timestamp Difference | 3:10 (3.17) |
| Vehicle Type Hourly Rate | 80.00 |
| Amount Due | 253.33 |
| Amount Tendered | <input type="text"/> |
| Change | <input type="text"/> |

Checkout

Updation in List:

Check-In/Check-ot List

Show

10

 entries

Search:

| # | Date | Parking Reference No. | Owner | Status | Action |
|----|-------------|-----------------------|---------------|-------------|-----------------------|
| 1 | May 19,2022 | 7179633205 | PRABHAS | Checked-in | <div>ViewDelete</div> |
| 2 | May 19,2022 | 8434970072 | Chiranjeevi | Checked-in | <div>ViewDelete</div> |
| 3 | May 19,2022 | 8184544680 | Waseem | Checked-in | <div>ViewDelete</div> |
| 4 | May 19,2022 | 5822369491 | Bheem | Checked-in | <div>ViewDelete</div> |
| 5 | May 19,2022 | 3984115508 | Yadagiri | Checked-in | <div>ViewDelete</div> |
| 6 | May 19,2022 | 3753985019 | Ramaraju | Checked-Out | <div>ViewDelete</div> |
| 7 | Oct 03,2020 | 4099773928 | George Wilson | Checked-Out | <div>ViewDelete</div> |
| 8 | Oct 03,2020 | 3599556075 | Sample Only | Checked-Out | <div>ViewDelete</div> |
| 9 | Oct 02,2020 | 4033430792 | ada asd asd | Checked-Out | <div>ViewDelete</div> |
| 10 | Oct 02,2020 | 9428140638 | Sample Only | Checked-Out | <div>ViewDelete</div> |

Showing 1 to 10 of 12 entries

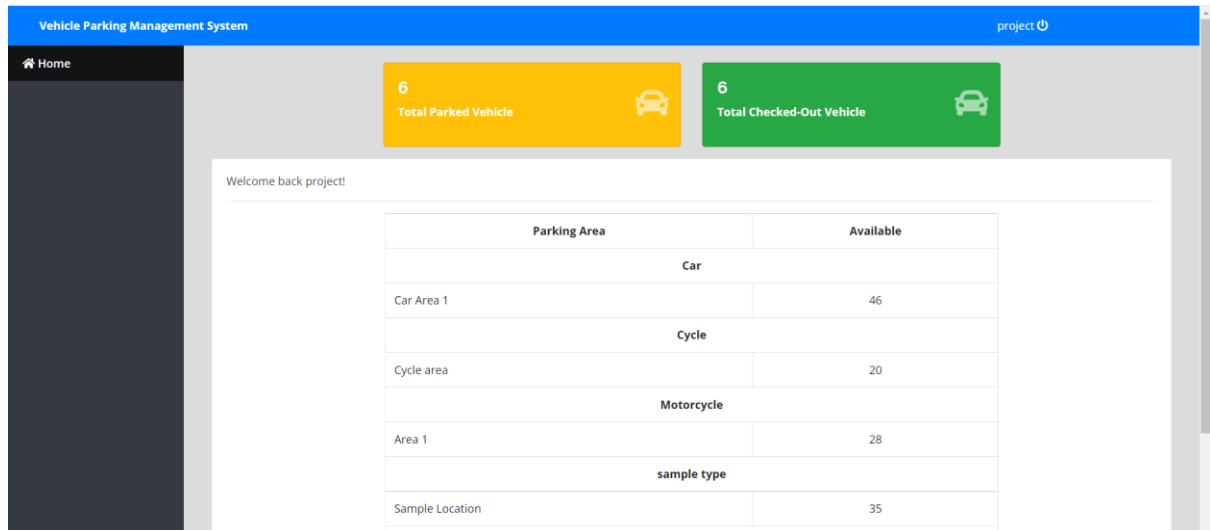
Previous

1

2

Next

Staff Page:



Core Source files:

Login.php

CODE:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta content="width=device-width, initial-scale=1.0" name="viewport">
```

```
<title>Admin | Vehicle Parking Management System</title>
```

```
<?php include('./header.php'); ?>
```

```
<?php include('./db_connect.php'); ?>
```

```
<?php
```

```
session_start();
```

```
if(isset($_SESSION['login_id']))  
header("location:index.php?page=home");
```

```
?>
```

```
</head>
```

```
<style>
```

```
    body{  
        width: 100%;  
        height: calc(100%);  
        /background: #007bff;/  
    }
```

```
    main#main{  
        width:100%;  
        height: calc(100%);  
        background:white;  
    }
```

```
    #login-right{  
        position: absolute;  
        right:0;  
        width:40%;  
        height: calc(100%);  
        background:white;  
        display: flex;  
        align-items: center;  
    }
```

```
    #login-left{  
        position: absolute;  
        left:0;  
        width:60%;  
        height: calc(100%);
```

```
        background:#59b6ec61;

        display: flex;

        align-items: center;

    }

    #login-right .card{

        margin: auto;

        z-index: 1

    }

    .logo {

margin: auto;

font-size: 8rem;

background: white;

padding: .5em 0.7em;

border-radius: 50% 50%;

color: #000000b3;

z-index: 10;

}

div#login-right::before {

    content: "";

    position: absolute;

    top: 0;

    left: 0;

    width: calc(100%);

    height: calc(100%);

    background: #000000e0;

}

</style>

<body>
```

```

<main id="main" class=" bg-dark">
    <div id="login-left">
        <div class="logo"><span class="fa fa-car"></span></div>
    </div>

    <div id="login-right">
        <div class="card col-md-8">
            <div class="card-body">

                <form id="login-form" >
                    <div class="form-group">
                        <label for="username" class="control-
label">Username</label>
                        <input type="text" id="username"
name="username" class="form-control">
                    </div>
                    <div class="form-group">
                        <label for="password" class="control-
label">Password</label>
                        <input type="password" id="password"
name="password" class="form-control">
                    </div>
                    <center><button class="btn-sm btn-block btn-wave
col-md-4 btn-primary">Login</button></center>
                </form>
            </div>
        </div>
    </div>
</main>

```

```
<a href="#" class="back-to-top"><i class="icofont-simple-up"></i></a>
```

```
</body>
```

```
<script>
```

```
    $('#login-form').submit(function(e){
        e.preventDefault()
        $('#login-form button[type="button"]').attr('disabled',true).html('Logging in...');
        if($(this).find('.alert-danger').length > 0 )
            $(this).find('.alert-danger').remove();
        $.ajax({
            url:'ajax.php?action=login',
            method:'POST',
            data:$(this).serialize(),
            error:err=>{
                console.log(err)
            },
            success:function(resp){
                if(resp == 1){
                    location.href ='index.php?page=home';
                }else if(resp == 2){
                    location.href ='voting.php';
                }else{
                    $('#login-form').prepend('<div class="alert alert-  
danger">Username or password is incorrect.</div>')
                    $('#login-form  
button[type="button"]').removeAttr('disabled').html('Login');
                }
            }
        })
    })
}
```

```
        })
    })
</script>
</html>
```

Ajax:

```
<?php
ob_start();

$action = $_GET['action'];
include 'admin_class.php';
$crud = new Action();

if($action == 'login'){
    $login = $crud->login();
    if($login)
        echo $login;
}

if($action == 'login2'){
    $login = $crud->login2();
    if($login)
        echo $login;
}

if($action == 'logout'){
    $logout = $crud->logout();
    if($logout)
        echo $logout;
}

if($action == 'logout2'){
    $logout = $crud->logout2();
    if($logout)
        echo $logout;
}
```

```
}  
  
if($action == 'save_user'){  
    $save = $crud->save_user();  
    if($save)  
        echo $save;  
}  
  
if($action == 'delete_user'){  
    $save = $crud->delete_user();  
    if($save)  
        echo $save;  
}  
  
if($action == 'signup'){  
    $save = $crud->signup();  
    if($save)  
        echo $save;  
}  
  
if($action == "save_settings"){  
    $save = $crud->save_settings();  
    if($save)  
        echo $save;  
}  
  
if($action == "save_category"){  
    $save = $crud->save_category();  
    if($save)  
        echo $save;  
}  
  
if($action == "delete_category"){  
    $save = $crud->delete_category();  
    if($save)  
        echo $save;  
}
```



```
if($action == "save_location"){  
    $save = $crud->save_location();  
    if($save)  
        echo $save;  
}  
if($action == "delete_location"){  
    $save = $crud->delete_location();  
    if($save)  
        echo $save;  
}  
if($action == "save_vehicle"){  
    $save = $crud->save_vehicle();  
    if($save)  
        echo $save;  
}  
if($action == "delete_vehicle"){  
    $save = $crud->delete_vehicle();  
    if($save)  
        echo $save;  
}  
if($action == "checkout_vehicle"){  
    $save = $crud->checkout_vehicle();  
    if($save)  
        echo $save;  
}
```

Google Drive Link:

https://drive.google.com/drive/folders/1M2jRUB3T5iqKdx0b95GUTH_k0h31funq?usp=sharing

THANK YOU.