

Smart car parking web application

HTML:

```
```html
<!DOCTYPE html>
<html>
<head>
 <title>Smart Car Parking</title>
 <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
 <h1>Welcome to Smart Car Parking!</h1>

 <form method="post" action="parking.php">
 <label for="car_number">Car Number:</label>
 <input type="text" id="car_number" name="car_number">
 <button type="submit">Park</button>
 </form>

 <script src="script.js"></script>
</body>
</html>
```
```

CSS (style.css):

```
```css
body {
 text-align: center;
 font-family: Arial, sans-serif;
}

h1 {
 color: #333;
}

form {
 margin-top: 20px;
}

label {
 display: block;
 margin-bottom: 10px;
}

input[type="text"] {
 padding: 5px;
 width: 200px;
}
```

```

button {
 padding: 10px 20px;
 background-color: #333;
 color: #fff;
 border: none;
 cursor: pointer;
}
...

```

PHP (parking.php):

```

```php
<?php
  // Retrieve the car number from the form
  $carNumber = $_POST['car_number'];

  // Perform actions with IoT technology to park the car

  // Display a success message
  echo "Car with number $carNumber has been parked successfully!";
?>
...

```

JavaScript (script.js):

```

// Assuming you have a function to check if a parking spot is available
function isParkingSpotAvailable() {
  // Your code to check if a parking spot is available
  // Return true if available, false otherwise
}

// Assuming you have a function to park the car
function parkCar(carNumber) {
  // Your code to park the car
  // Return a success message if parked successfully
}

// Assuming you have a function to retrieve the car number from the form
function getCarNumber() {
  // Your code to retrieve the car number from the form
  // Return the car number
}

// Assuming you have an event listener for the form submission
document.getElementById('parking-form').addEventListener('submit', function(event) {
  event.preventDefault(); // Prevent form submission

  var carNumber = getCarNumber(); // Get the car number from the form

```

```
if (isParkingSpotAvailable()) {  
    var successMessage = parkCar(carNumber); // Park the car  
    alert(successMessage); // Display a success message  
} else {  
    alert('Sorry, no parking spots available.');// Display a message if no spots available  
}  
});
```