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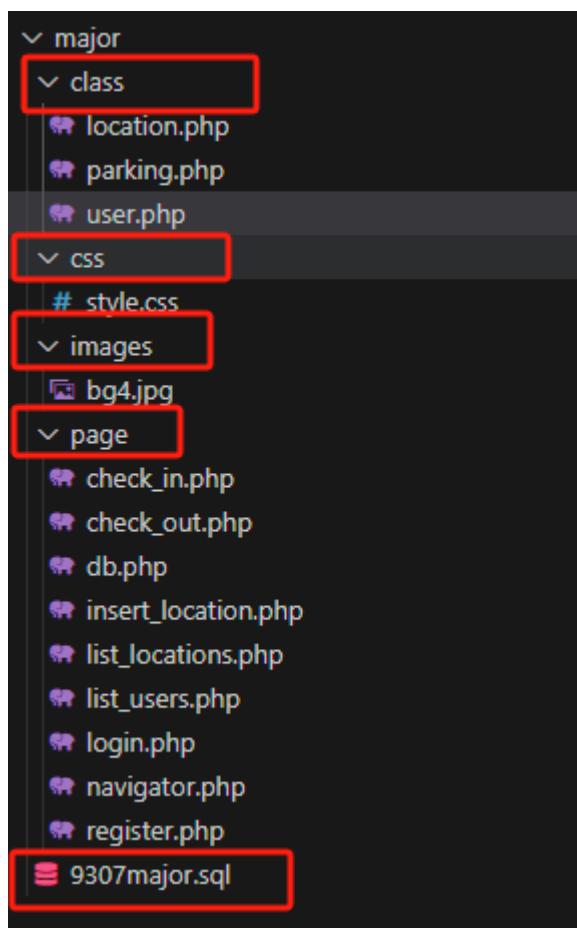
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Major Report

1. Project Structure

This figure shows the structure of my project. It consists of 4 folders and sql file.

- class folder: put class files into this folder
- css folder: put common css file
- images folder: stores background images
- page folder: the pages files open in browser



1.1. Class folder

- 1.1.1. Location.php:** is the class file of Class Location
- 1.1.2. Parking.php:** is the class file of Class Parking
- 1.1.3. User.php:** is the class file of Class User

1.2. CSS folder

- 1.2.1. Style.css:** is the common style file in this project

1.3. Images folder

- 1.3.1. Bg4.png:** background image

1.4. Page folder

- 1.4.1. Login.php:** login page. Users and admin can log in via this php file.
- 1.4.2. Register.php:** Register page. Users and admins can register new accounts via this php file.
- 1.4.3. Navigator.php:** is a common navigator component for each page. It can reduce the duplicate codes.
- 1.4.4. Db.php:** connect to the database. It can reduce the duplicate code by including this file as well.
- 1.4.5. List_locations.php:** list locations page. On this page, users and admins can list all locations with currently available parking, edit locations, and search locations by switching the subTabs.
- 1.4.6. Insert_location.php:** insert location page. Only admins can access this page. They can insert locations.
- 1.4.7. Check_in.php:** Both Users and admins can check-in. Users can input the parking location id to check in for themself. Admins can input the parking location id and username to check in for certain users.
- 1.4.8. Check_out.php:** Both Users and admins can check out. Users can list current parking, list past parking and check out for themself. Admins can list current all user's parking, list all user's past parking and check our for them.
- 1.4.9. List_users.php:** Only admins can access this page. On this page, admins can list all users registered in this program and list all users who are currently parking in this program.

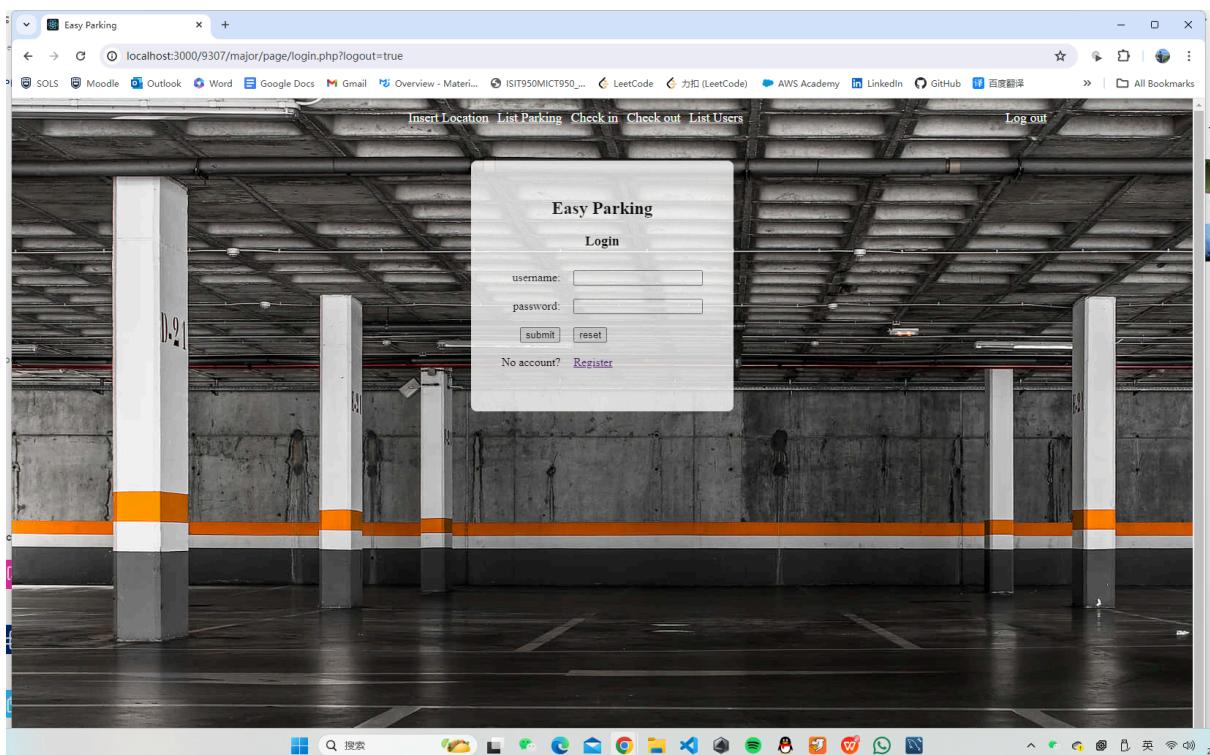
1.5. 9307major.sql:

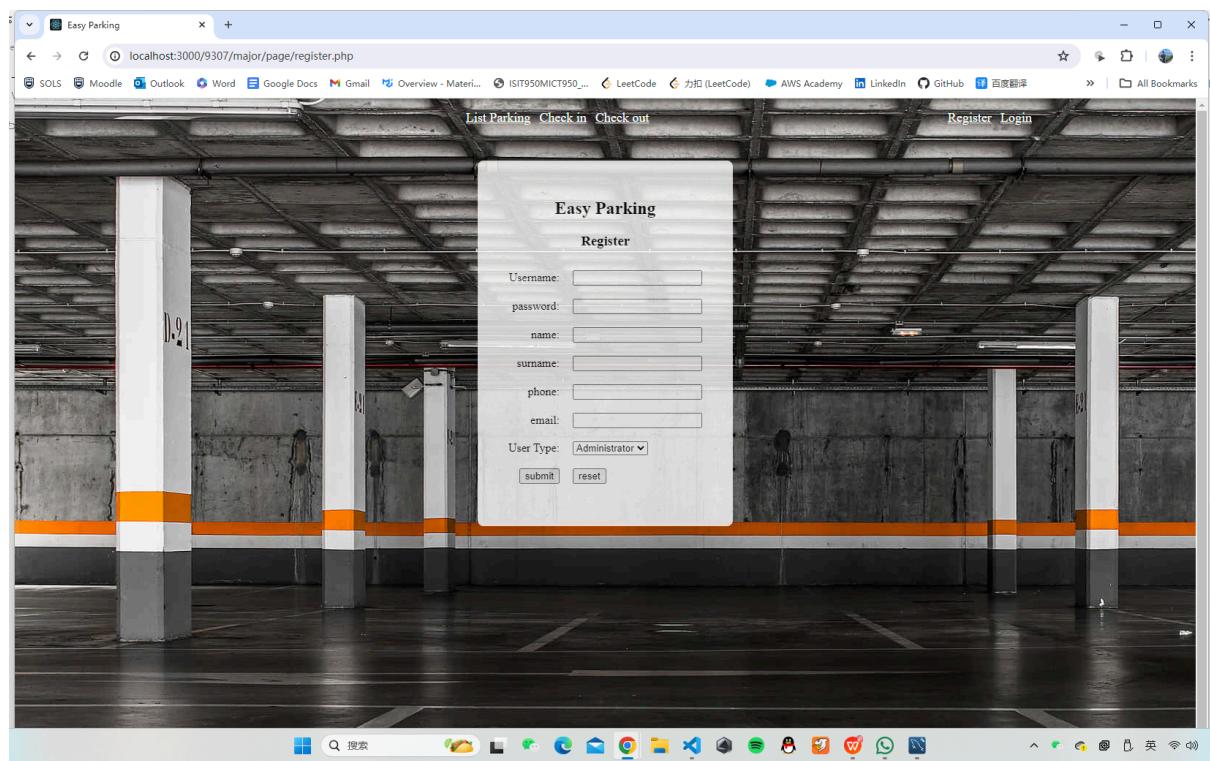
- Create database easyparking.
- Create tables: There are 3 database tables in this program: users, locations, parkings.
- Insert data: insert some initial users, locations and parkings.

2. Requirements List

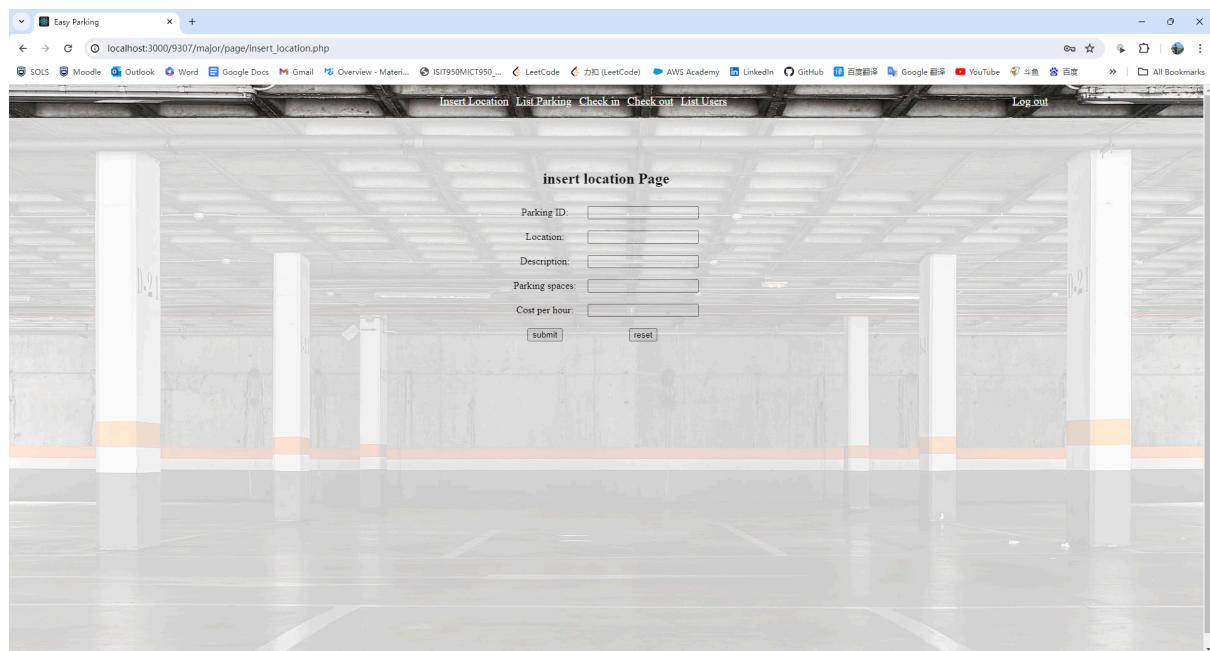
2.1. *Design Requirements*

2.1.1. - Registering/Login the users;





2.1.2. - Insert/Edit parking location;



The screenshot shows a web browser window titled "Easy Parking" with the URL "localhost:3000/9307/major/page/list_locations.php?tab=all&edit=true&location_id=G1". The page has a header with links for Insert Location, List Parking, Check in, Check out, and List Users, along with a Log out link. Below the header is a title "List Locations Page". A table lists four locations: G1, G2, P1, and P2. The table columns are Location ID, Location, Description, Capacity, Current Available, Cost, and Operation (with an "Edit" link). Below the table is a form for editing location G1, which includes fields for Parking ID, Location, Description, Parking spaces, and Cost per hour, with "submit" and "reset" buttons.

Location ID	Location	Description	Capacity	Current Available	Cost	Operation
G1	68 Smith street	123	20	20	\$5/hour	Edit
G2	Rowland	asd	100	100	\$5/hour	Edit
P1	30 Rowland Avenue	this is a parking	20	18	\$10/hour	Edit
P2	62 Jobson Avenue	this is a test description	40	39	\$5/hour	Edit

2.1.3. - Check-in;

The screenshot shows a web browser window titled "Easy Parking" with the URL "localhost:3000/9307/major/page/check_in.php". The page has a header with links for Insert Location, List Parking, Check in, Check out, and List Users, along with a Log out link. Below the header is a title "Check-in Page". A form is displayed with a dropdown menu for "Parking Location ID" set to "G1" and a "Username" input field. There is also a "check in" button.

2.1.4. - Check-out;

The screenshot shows a web browser window titled "Easy Parking" with the URL "localhost:3000/9307/major/page/check_out.php". The page is titled "Check-out Page". At the top, there are navigation links: "Insert Location", "List Parking", "Check-in", "Check-out", and "List Users". On the right, there is a "Log out" link. Below the navigation, there are two tabs: "Current parkings" and "Past parkings". The "Current parkings" tab is selected. A table displays the following data:

ID	Username	Location ID	Location	Start Time	Status	Cost	Operation
1	user1	P1	30 Rowland Avenue	2024-05-09 20:38:50	check-in	\$10/hour	Check Out
2	user1	P2	62 Jobson Avenue	2024-05-10 00:02:47	check-in	\$5/hour	Check Out
5	user2	P1	30 Rowland Avenue	2024-05-11 15:06:08	check-in	\$10/hour	Check Out

2.1.5. - Search parking location;

The screenshot shows a web browser window titled "Easy Parking" with the URL "localhost:3000/9307/major/page/list_locations.php?tab=search". The page is titled "List Locations Page". At the top, there are navigation links: "Insert Location", "List Parking", "Check-in", "Check-out", and "List Users". On the right, there is a "Log out" link. Below the navigation, there are three tabs: "List All Parking", "List full Parking", and "Search Parking". The "Search Parking" tab is selected. There is a search form with fields for "Location ID", "Location", "Description", and a "search" button. Below the form is a table displaying the following data:

Location ID	Location	Description	Capacity	Current Available	Cost
G1	68 Smith street	123	20	20	\$5/hour
G2	Rowland	asd	100	100	\$5/hour
P1	30 Rowland Avenue	this is a parking	20	18	\$10/hour
P2	62 Jobson Avenue	this is a test description	40	39	\$5/hour

2.1.6. - List parking locations;

The screenshot shows a web browser window titled "Easy Parking" with the URL "localhost:3000/9307/major/page/list_locations.php?tab=all". The page has a header with links for "Insert Location", "List Parking", "Check in", "Check out", and "List Users", along with a "Log out" link. Below the header is a title "List Locations Page". A navigation bar at the top of the main content area includes "List All Parking", "List full Parking", and "Search Parking". The main content is a table with the following data:

Location ID	Location	Description	Capacity	Current Available	Cost	Operation
G1	68 Smith street	123	20	20	\$5/hour	Edit
G2	Rowland	asd	100	100	\$5/hour	Edit
P1	30 Rowland Avenue	this is a parking	20	18	\$10/hour	Edit
P2	62 Jobson Avenue	this is a test description	40	39	\$5/hour	Edit

2.1.7. - List Users.

The screenshot shows a web browser window titled "Easy Parking" with the URL "localhost:3000/9307/major/page/list_users.php?tab=all_users". The page has a header with links for "Insert Location", "List Parking", "Check in", "Check out", and "List Users", along with a "Log out" link. Below the header is a title "List Users Page". A navigation bar at the top of the main content area includes "List Users" and "List All Users checked-in Parkings". The main content is a table with the following data:

Username	Name	Surname	Phone	Email	Type
user1	user	bbb	0456345234	test@user.com	user
user2	Kan	Chen	0468619268	chenukan0617@gmail.com	user

2.2. Functionalities

2.2.1. - Both type of users should be able to register into the app;

```

9307 > major > page > register.php
  5  <html lang="en">
  6    <head>
  7      <meta charset="UTF-8" />
  8      <title>Easy Parking</title>
  9    </head>
 10   <body>
 11     <div class="container">
 12       <div class="row justify-content-center">
 13         <div class="col-md-4">
 14           <form action="register.php" method="post" style="border: 1px solid #ccc; padding: 10px; border-radius: 5px; margin-bottom: 20px;">
 15             <div class="mb-3">
 16               <label for="username">Username</label>
 17               <input type="text" id="username" name="username" value="" required="required" style="width: 100%; height: 35px; border: 1px solid #ccc; border-radius: 5px; padding: 5px; font-size: 14px; margin-bottom: 10px;" />
 18             <small>The username must between 3 to 20 alphabetical and numbers!</small>
 19           </div>
 20           <div class="mb-3">
 21             <label for="password">Password</label>
 22             <input type="password" id="password" name="password" value="" required="required" style="width: 100%; height: 35px; border: 1px solid #ccc; border-radius: 5px; padding: 5px; font-size: 14px; margin-bottom: 10px;" />
 23             <small>The password must between 6 to 20 alphabetical, numbers and special characters!</small>
 24           </div>
 25           <div class="mb-3">
 26             <label for="email">Email</label>
 27             <input type="text" id="email" name="email" value="" required="required" style="width: 100%; height: 35px; border: 1px solid #ccc; border-radius: 5px; padding: 5px; font-size: 14px; margin-bottom: 10px;" />
 28             <small>Invalid Email address!</small>
 29           </div>
 30           <div class="mb-3">
 31             <label for="type">User Type</label>
 32             <select id="type" name="type" style="width: 100%; height: 35px; border: 1px solid #ccc; border-radius: 5px; padding: 5px; font-size: 14px; margin-bottom: 10px;">
 33               <option value="buyer">Buyer</option>
 34               <option value="seller">Seller</option>
 35             </select>
 36           </div>
 37           <div style="text-align: center; margin-top: 20px;">
 38             <button type="submit" style="background-color: #007bff; color: white; border: none; padding: 10px 20px; border-radius: 5px; font-weight: bold; font-size: 16px; width: fit-content; margin: 0 auto;">Register</button>
 39           </div>
 40         </form>
 41       </div>
 42     </div>
 43   </div>
 44 </body>

```

2.2.2. - Both type of users should be able to login into the app;

```

9307 > major > page > login.php
  1  <html lang="en">
  2    <head>
  3      <meta charset="UTF-8" />
  4      <title>Easy Parking</title>
  5    </head>
  6    <body>
  7      <div class="container">
  8        <div class="row justify-content-center">
  9          <div class="col-md-4">
 10            <form action="login.php" method="post" style="border: 1px solid #ccc; padding: 10px; border-radius: 5px; margin-bottom: 20px;">
 11              <div class="mb-3">
 12                <label for="username">Username</label>
 13                <input type="text" id="username" name="username" value="" required="required" style="width: 100%; height: 35px; border: 1px solid #ccc; border-radius: 5px; padding: 5px; font-size: 14px; margin-bottom: 10px;" />
 14                <small>User is logged in!</small>
 15              </div>
 16              <div class="mb-3">
 17                <label for="password">Password</label>
 18                <input type="password" id="password" name="password" value="" required="required" style="width: 100%; height: 35px; border: 1px solid #ccc; border-radius: 5px; padding: 5px; font-size: 14px; margin-bottom: 10px;" />
 19                <small>username or Password incorrect! please try again!</small>
 20              </div>
 21              <div style="text-align: center; margin-top: 20px;">
 22                <button type="submit" style="background-color: #007bff; color: white; border: none; padding: 10px 20px; border-radius: 5px; font-weight: bold; font-size: 16px; width: fit-content; margin: 0 auto;">Login</button>
 23              </div>
 24            </form>
 25          </div>
 26        </div>
 27      </div>
 28    </body>

```

2.2.3. - Both type of users should be able to logout;

```

        if(isset($_GET['logout'])) {
            // Session handling logic
        }

        if(isset($_SESSION['user'])) {
            $hiddenForm = true;
        } else {
            $hiddenForm = false;
        }

        if($hiddenForm) {
            $user_type = $_SESSION['user']['type'];
            if($user_type == 'administrator' || $user_type == 'User') {
                echo "<div class='div1'><div class='div2'>Easy Parking</div></div>";
            } else {
                echo "<div style='display: flex; justify-content: center'><table border=1>";
            }
        }
    
```

2.2.4. - Both type of users should be able to search a parking location;

```

        public function list_or_search_locations(mysqli $conn, string $tab, string $sql) {
            // tab == 'all' means list all locations
            // tab == 'search' means search all locations
            $isAll = $tab == 'all' || $tab == 'full';

            $result = $conn->query($sql);
            if($result && $isAdmin) {
                $sth = $isAll && $isAdmin ? "<th>Operation</th>" : "";
            }

            echo "<div style='display: flex; justify-content: center'><table border=1>";
            echo "<tr><th>Location ID</th><th>Location</th><th>Description</th><th>Capacity</th><th>Current Available</th><th>Cost</th></tr>";
            if($result && $isAll) {
                while($row = mysqli_fetch_array($result)) {
                    $id = $row[0];
                    $name = $row[1];
                    $desc = $row[2];
                    $capacity = $row[3];
                    $available = $row[4];
                    $cost = $row[5];
                    echo "<tr><td>$id</td><td>$name</td><td>$desc</td><td>$capacity</td><td>$available</td><td>$cost</td></tr>";
                }
            }
            echo "</table></div>";
        }
    
```

2.2.5. - The *Administrator* should be able to insert/edit parking location into the app;

```
class User {
    public function insert_location(mysqli $conn, string $parking_id, string $location, string $description, int $capacity, int $cost) {
        try {
            $create_location_sql = "insert into locations values('$parking_id', '$location', '$description', '$capacity', '$capacity', '$cost')";

            $conn->query($create_location_sql);

            echo "<div class='snackbar green'>location created successfully!</div>";
        } catch (mysqli_sql_exception $e) {
            echo "<div class='snackbar red'>Error: " . $e->getMessage() . "</div>";
        }
    }
}
```

This screenshot shows the 'user.php' file in the 'user' class. The code block for inserting a location is highlighted with a red box. It uses a try-catch block to handle database errors. If successful, it displays a green snackbar message. If an error occurs, it displays a red snackbar message with the error message from the MySQLi exception.

2.2.6. - The *Administrator* should be able to check-in/check-out user for a parking;

```
class User {
    public function check_in(mysqli $conn, string $username, string $parking_id) {
        date_default_timezone_set('Australia/Sydney');
        $start_time = date("Y-m-d H:i:s");
        $status = 'check-in';

        $check_full_sql = "select current_available, cost from locations where id = '$parking_id'";

        try {
            $check_full_result = $conn->query($check_full_sql);

            if(mysqli_num_rows($check_full_result) > 0) {
                while($row = mysqli_fetch_array($check_full_result)) {
                    if($row['current_available'] == 0) {
                        echo "<div class='snackbar red'>Error: This parking location is full. Please choose another location!</div>";
                        return;
                    } else {
                        $check_in_sql = "insert into parkings(username, location_id, start_time, status) values ('$username', '$parking_id', '$start_time', '$status')";

                        try {
                            $conn->query($check_in_sql);

                            $cur_avail = $row['current_available'] - 1;
                            $update_current_available_sql = "update locations set current_available = $cur_avail where id = '$parking_id'";

                            try {
                                $conn->query($update_current_available_sql);
                                $cost = $row['cost'];
                                echo "<div class='snackbar green'>Check-in successfully! The cost is $" . $cost . " per hour and start from " . $start_time . "</div>";
                            } catch (mysqli_sql_exception $e) {
                                echo "<div class='snackbar red'>Error: " . $e->getMessage() . "</div>";
                            }
                        } catch (mysqli_sql_exception $e) {
                            echo "<div class='snackbar red'>Error: Invalid Username!</div>";
                        }
                    }
                }
            } catch (mysqli_sql_exception $e) {
                echo "<div class='snackbar red'>Error: " . $e->getMessage() . "</div>";
            }
        }
    }
}
```

This screenshot shows the 'user.php' file in the 'User' class. The code block for checking in a user is highlighted with a red box. It first checks if the parking location is full. If not, it inserts a new row in the 'parkings' table and updates the 'locations' table to reflect the change. It handles errors for both database operations and invalid input like invalid usernames.

```

9307> major > class > user.php > User > list_or_search_locations()
2   class User {
12     public function check_in(mysqli $conn, string $username, string $parking_id) {
13       ...
14     }
15
16     public function check_out(mysqli $conn, int $parking_id, int $cost, string $start_time) {
17       ...
18
19       $end_time = date('Y-m-d H:i:s');
20
21       $time1 = new DateTime($start_time);
22       $time2 = new DateTime($end_time);
23
24       $hours = $time2->diff($time1)->h + 1;
25
26       $price = $hours * $cost;
27
28       $check_out_sql = "update parkings set status = 'completed', end_time = '$end_time', total_cost = $price where id = $parking_id";
29
30       try {
31         $conn->query($check_out_sql);
32
33         $current_available = $_GET['current_available'] + 1;
34
35         $location_id = $_GET['location_id'];
36
37         $update_cur_ava_sql = "update locations set current_available = $current_available where id = '$location_id'";
38
39         try {
40           $conn->query($update_cur_ava_sql);
41
42           echo '<div class="snackbar green">Check out successfully! The total Price is $.<span>' . $price . '</span></div>';
43
44         } catch (mysqli_sql_exception $e) {
45           echo '<div class="snackbar red">Error: ' . $e->getMessage() . '</div>';
46
47         }
48
49       } catch (mysqli_sql_exception $e) {
50         echo '<div class="snackbar red">Error: ' . $e->getMessage() . '</div>';
51
52       }
53
54     }
55
56     public function list_current_parkings(mysqli $conn, string $sql) {
57       ...
58     }
59
60   }
61
62   public function list_or_search_locations(mysqli $conn, string $tab, string $sql) {
63     ...
64   }

```

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- ### 2.2.7.
- The *Administrator* should be able to list: all, currently with available spaces, currently full parking locations;

```

9307> major > class > user.php > User > list_or_search_locations()
2   class User {
12     ...
13
14     public function __construct(int $id, string $username, string $password, string $name, string $surname, string $phone, string $email, string $type) {
15       ...
16     }
17
18     public function list_or_search_locations(mysqli $conn, string $tab, string $sql) {
19       ...
20
21       // tab == 'all' means list all locations
22       // tab == 'search' means search all locations
23       $isAdmin = $this->type === 'administrator';
24       $th = $isAdmin ? '<th>Operation</th>' : '';
25
26       $result = $conn->query($sql);
27
28       if ($result->num_rows($result) > 0) {
29         while ($row = mysqli_fetch_array($result)) {
30           $td = $isAdmin && $isAdmin ? '<td><a href="#">Edit</a></td>' : '';
31
32           echo "<tr>";
33             ...
34             ...
35             ...
36             ...
37             ...
38             ...
39             ...
40             ...
41             ...
42             ...
43             ...
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```

class Administrator extends User {
    public function edit_location(mysqli $conn, string $location_id, string $location, string $description, int $capacity, int $cost, int $prev_capacity, int $prev_avail) {
        echo "<div class='snackbar green'>The parking location '$location_id' is updated successfully!</div>";
    }
}

public function list_users(mysqli $conn) {
    $list_users_sql = "SELECT username, name, surname, phone, email, type FROM users WHERE type = 'user'";
    $result = $conn->query($list_users_sql);

    echo "<table border=1>
        <tr>
            <th>Username</th>
            <th>Name</th>
            <th>Surname</th>
            <th>Phone</th>
            <th>Email</th>
            <th>Type</th>
        </tr>";

    if(mysqli_num_rows($result) > 0) {
        while($row = mysqli_fetch_array($result)) {
            echo "<tr>
                <td>$row[0]</td>
                <td>$row[1]</td>
                <td>$row[2]</td>
                <td>$row[3]</td>
                <td>$row[4]</td>
                <td>$row[5]</td>
            </tr>";
        }
    }
    echo "</table>";
}

public function list_all_checked_in_users(mysqli $conn) {
    $list_checked_in_users_sql = "SELECT U.username, U.name, U.surname, U.phone, U.email, U.type, P.location_id, P.start_time, P.end_time, P.total_cost, P.status
        FROM users U JOIN parkings P ON U.username=P.username WHERE P.status = 'check-in' AND type = 'user'";
    $result = $conn->query($list_checked_in_users_sql);
}

```

```

class Administrator extends User {
    public function list_all_checked_in_users(mysqli $conn) {
        $list_checked_in_users_sql = "SELECT U.username, U.name, U.surname, U.phone, U.email, U.type, P.location_id, P.start_time, P.end_time, P.total_cost, P.status
            FROM users U JOIN parkings P ON U.username=P.username WHERE P.status = 'check-in' AND type = 'user'";
        $result = $conn->query($list_checked_in_users_sql);

        echo "<table border=1>
            <tr>
                <th>Username</th>
                <th>Name</th>
                <th>Surname</th>
                <th>Phone</th>
                <th>Email</th>
                <th>Location ID</th>
                <th>Start Time</th>
                <th>End Time</th>
                <th>Total Cost</th>
                <th>Status</th>
            </tr>";

        if(mysqli_num_rows($result) > 0) {
            while($row = mysqli_fetch_array($result)) {
                $cost = $row[9] ? '$' . $row[9] : '';
                $end_time = $row[8] ? $row[8] : '';

                echo "<tr>
                    <td>$row[0]</td>
                    <td>$row[1]</td>
                    <td>$row[2]</td>
                    <td>$row[3]</td>
                    <td>$row[4]</td>
                    <td>$row[5]</td>
                    <td>$row[6]</td>
                    <td>$row[7]</td>
                    <td>$cost</td>
                    <td>$end_time</td>
                </tr>";
            }
        }
        echo "</table>";
    }
}

```

- ### 2.2.9.
- The *User* should be able to list: all parking locations with available spaces, all parkings that has used in the past, all parking(s) that is currently using;

The screenshot shows a code editor with a dark theme. The file 'user.php' is open in the center pane. A red box highlights the code for the 'list_or_search_locations' function. The code uses MySQLi queries to fetch data from a database and then prints it into an HTML table. It handles cases where '\$tab' is 'all' or 'search'. It also checks if the user has admin privileges (\$isAll) and if the current user is an administrator (\$isAdm). The table columns include location ID, user name, location ID, location name, start time, cost, and operation status.

```
class User {
    public function list_or_search_locations(mysqli $conn, string $tab, string $sql) {
        // tab == 'all' means list all locations
        // tab == 'search' means search all locations
        $isAll = $tab == 'all' || $tab == 'full';
        $isAdm = $this->type == 'administrator';
        $sth = $isAll && $isAdm ? "<th>Operations</th>" : "";
        $result = $conn->query($sql);
        if($result->num_rows > 0) {
            while($row = $result->fetch_array($result)) {
                $td = $isAll && $isAdm ? "<td><a href='".list_locations.php?tab=$tab&edit=true&location_id=$row[0]>Edit</a></td>" : "";
                echo "<tr>
                    <td>$row[0]</td>
                    <td>$row[1]</td>
                    <td>$row[2]</td>
                    <td>$row[3]</td>
                    <td>$row[4]</td>
                    <td>$row[5]</td>
                    $td .
                </tr>";
            }
        }
        echo "</table></div>";
    }
}

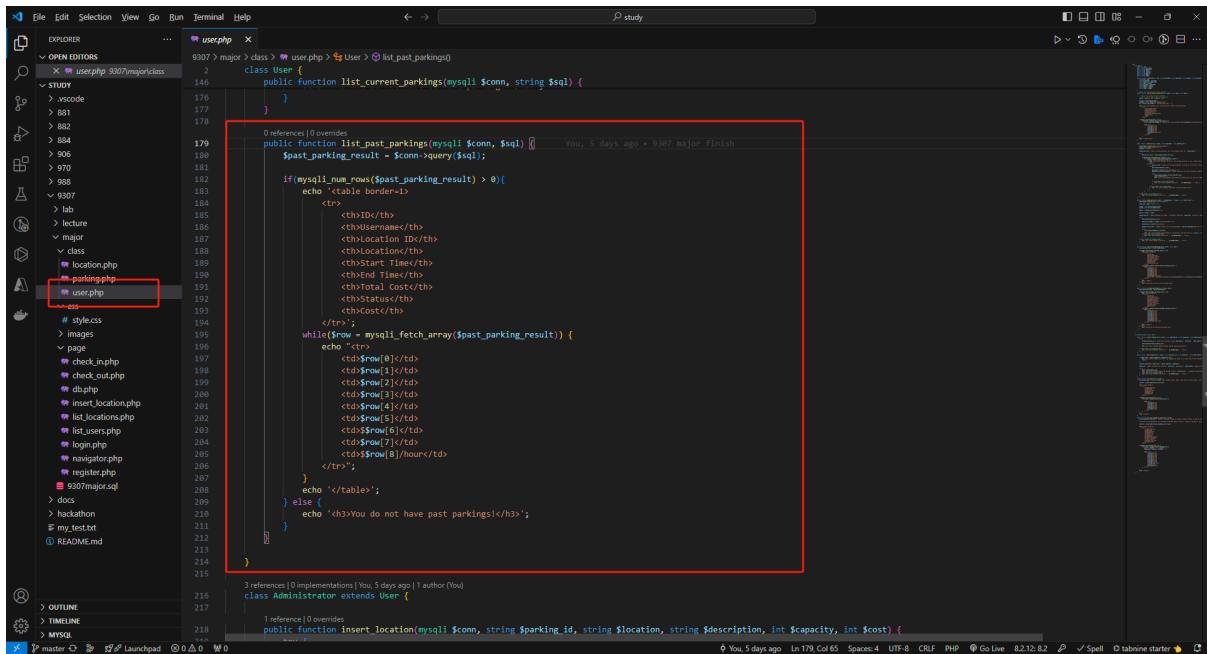
public function check_in(mysqli $conn, string $username, string $parking_id) {
}
```

The screenshot shows a code editor with a dark theme. The file 'user.php' is open in the center pane. A red box highlights the code for the 'check_out' function. This function takes a MySQLi connection, a parking ID, a cost, and a start time as parameters. It first checks if there's an error with the MySQL connection. Then, it queries the database to find the current parking record for the given parking ID. If found, it increments the cost by the specified amount and updates the start time. Finally, it prints an HTML table row with the updated information and a link to the 'check_out.php' script.

```
public function check_out(mysqli $conn, int $parking_id, int $cost, string $start_time) {
    catch (mysqli_sql_exception $e) {
        echo '<div class="snackbar red">Error: ' . $e->getMessage() . '</div>';
    }
}

public function list_current_parkings(mysqli $conn, string $sql) {
    $cur_parking_result = $conn->query($sql);
    if($cur_parking_result->num_rows > 0) {
        echo "<table border=1>
            <tr>
                <th>ID</th>
                <th>Username</th>
                <th>Location ID</th>
                <th>Location</th>
                <th>Start Time</th>
                <th>Cost</th>
                <th>Operation</th>
            </tr>";
        while($row = $cur_parking_result->fetch_array($cur_parking_result)) {
            echo "<tr>
                <td>$row[0]</td>
                <td>$row[1]</td>
                <td>$row[2]</td>
                <td>$row[3]</td>
                <td>$row[4]</td>
                <td>$row[5]</td>
                <td><a href='".$check_out.php?check_out=true&id=$row[0]&start_time=$row[4]&cost=$row[6]&current_available=$row[7]&location_id=$row[2]>Check Out</a></td>
            </tr>";
        }
        echo "</table>";
    } else {
        echo '<h3>You do not have current parkings!</h3>';
    }
}

public function list_past_parkings(mysqli $conn, $sql) {
    $past_parking_result = $conn->query($sql);
}
```



```

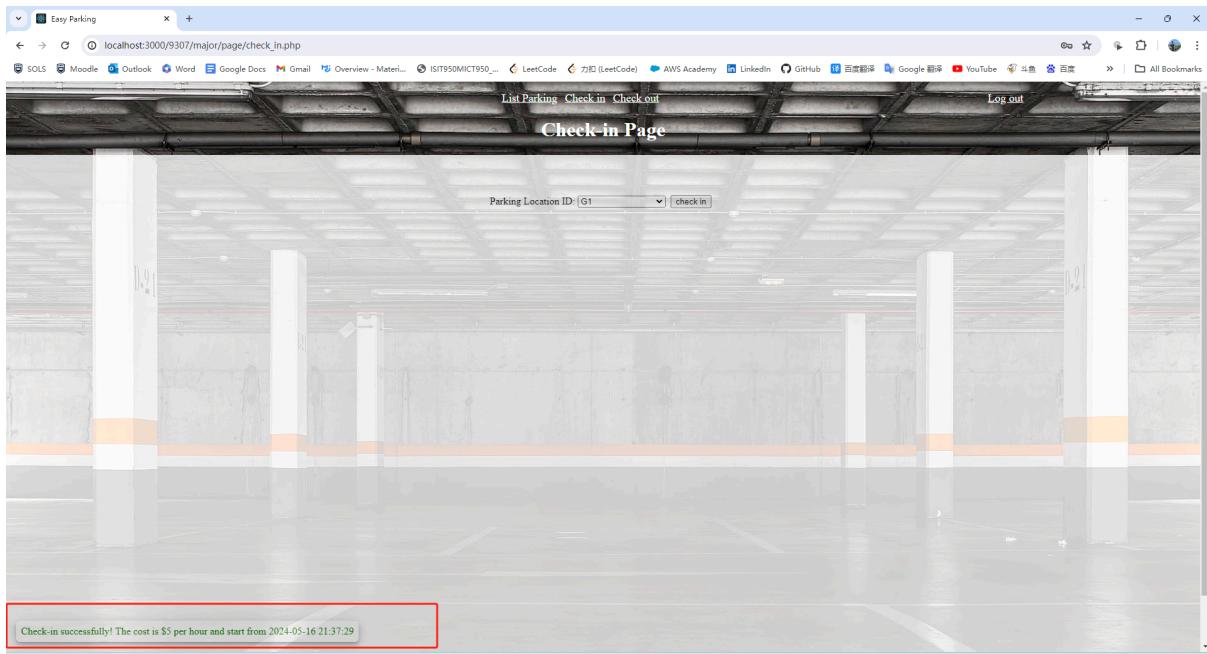
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insert_location.php
list_locations.php
list_users.php
login.php
navigator.php
register.php
9307/major.sql
docs
hackathon
my_test.txt
README.md

9307 > major > class > user.php > User > list_past_parkings()
2
class User {
    public function list_current_parkings(mysqli $conn, string $sql) {
        ...
    }
}

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0 references | 0 overrides
public function list_past_parkings(mysqli $conn, $sql) {
    if(mysqli_num_rows($past_parking_result) > 0){
        echo "<table border='1'>
            <tr>
                <th>User</th>
                <th>Location ID</th>
                <th>Location</th>
                <th>Start Time</th>
                <th>End Time</th>
                <th>Total Cost</th>
                <th>Status</th>
                <th>Cost</th>
            </tr>
        ";
        while($row = mysqli_fetch_array($past_parking_result)) {
            echo "<tr>
                <td>$row[0]</td>
                <td>$row[1]</td>
                <td>$row[2]</td>
                <td>$row[3]</td>
                <td>$row[4]</td>
                <td>$row[5]</td>
                <td>$row[6]</td>
                <td>$row[7]</td>
                <td>$row[8]/hours</td>
            </tr>";
        }
        echo "</table>";
    } else {
        echo "<h3>You do not have past parkings!</h3>";
    }
}

3 references | 0 implementations | You, 5 days ago | 1 author (You)
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2.2.11. - The *User* should be able to check-out of a parking (with notice for total cost that needs to be paid).

Easy Parking

localhost:3000/9307/major/page/check_out.php?check_out=true&id=1&start_time=2024-05-09%2020:38:50&cost=10¤t_available=18&location_id=P1

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List Parking Check in Check out Log out

Check-out Page

Current parkings Past parkings

ID	Username	Location ID	Location	Start Time	Status	Cost	Operation
1	user1	P1	30 Rowland Avenue	2024-05-09 20:38:50	check-in	\$10/hour	Check Out
2	user1	P2	62 Jobson Avenue	2024-05-10 00:02:47	check-in	\$5/hour	Check Out
6	user1	G1	68 Smith street	2024-05-16 21:37:29	check-in	\$5/hour	Check Out

Check out successfully! The total Price is \$10.

The screenshot displays a parking management application titled "Easy Parking". The interface features a header with navigation links like "List Parking", "Check in", "Check out", and "Log out". Below the header is a title "Check-out Page". The main content area shows a photograph of a multi-level parking garage with several cars. Overlaid on the photo is a table titled "Current parkings" showing three entries:

ID	Username	Location ID	Location	Start Time	Status	Cost	Operation
1	user1	P1	30 Rowland Avenue	2024-05-09 20:38:50	check-in	\$10/hour	Check Out
2	user1	P2	62 Jobson Avenue	2024-05-10 00:02:47	check-in	\$5/hour	Check Out
6	user1	G1	68 Smith street	2024-05-16 21:37:29	check-in	\$5/hour	Check Out

A message box at the bottom left states "Check out successfully! The total Price is \$10.".