



Group 6

CART HUB

Database Programming Laboratory
CSS326 Section 5

Project overview

CartHub
SCAN USE RETURN

CARTHUB



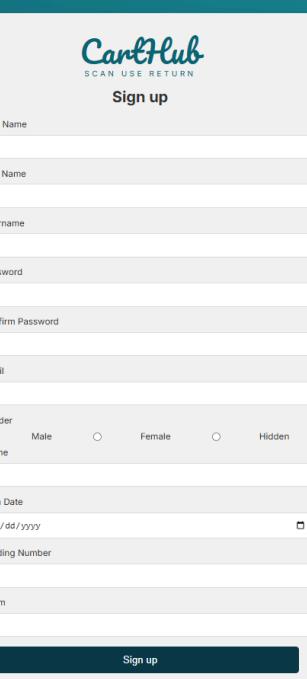
Login

Sign Up

Main page

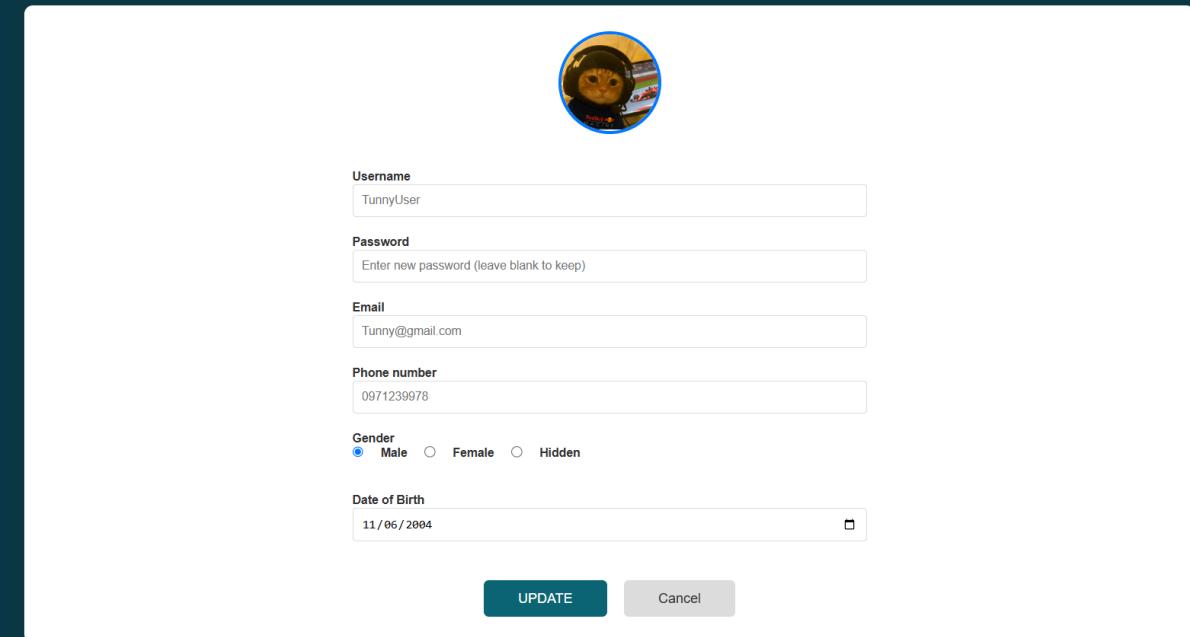
Resident

Sign up page



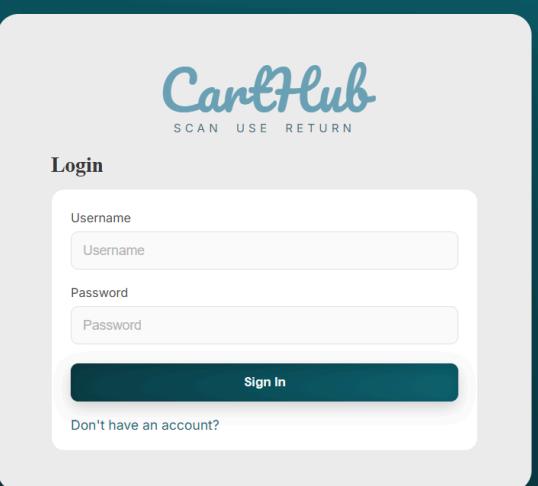
The sign up page features the CartHub logo at the top left. Below it, the word "Sign up" is centered. The form consists of several input fields: First Name, Last Name, Username, Password, Confirm Password, Email, Gender (with radio buttons for Male, Female, and Hidden), Phone, Birth Date (with a date picker), Building Number, Room, and a "Sign up" button at the bottom.

Profile page



The profile page displays a user's profile picture (a cartoon cat) at the top. Below it are five input fields: Username (TunnyUser), Password (Leave blank to keep), Email (Tunny@gmail.com), Phone number (0971239978), and Gender (Male). There is also a Date of Birth field set to 11/06/2004. At the bottom are "UPDATE" and "Cancel" buttons.

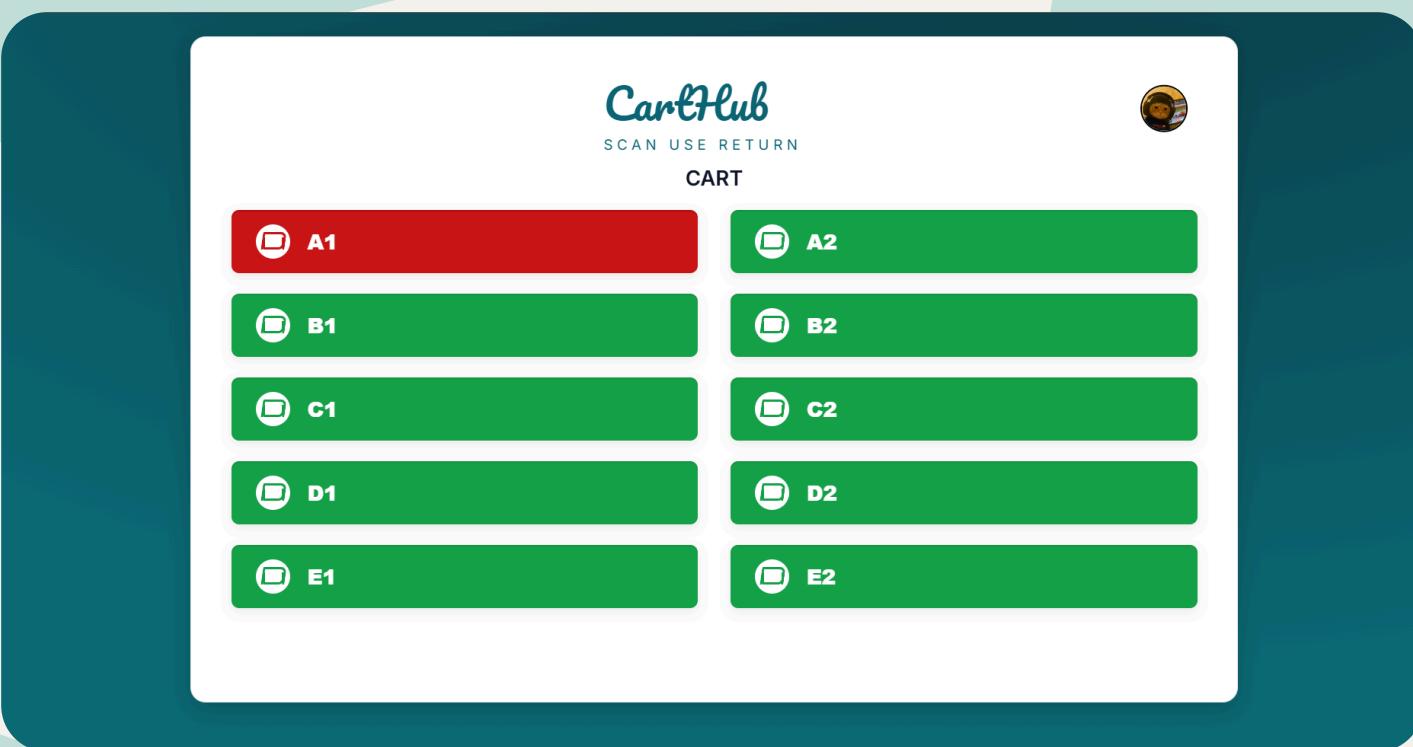
Login page



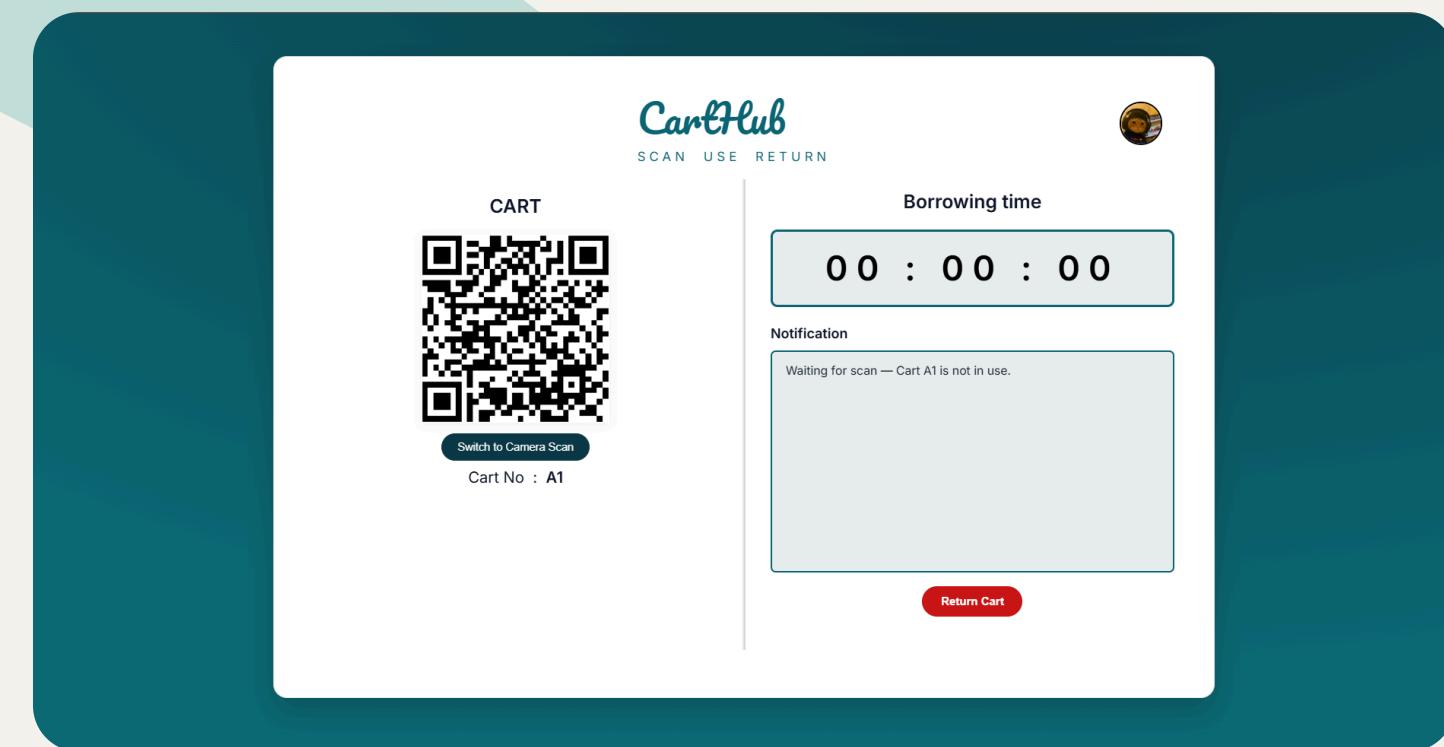
The login page features the CartHub logo at the top left. Below it, the word "Login" is centered. The form includes "Username" and "Password" fields, a "Sign In" button, and a "Don't have an account?" link at the bottom.

Resident

Cart page



Scan cart page



Dashboard page

CartHub
SCAN USE RETURN

Home Status Payment User List History

Status: Status of the cart

Payment: List users bills

User List: Displays user information

History: Shows cart borrowing records

Cart status page

CartHub
SCAN USE RETURN

Home Status Payment User List History

Cart Status

| Cart ID | Building | Status | Card ID | Name | Room | Checkout Time |
|---------|----------|-----------|-----------|-----------------------------|---------|---------------------|
| 01 | A | In Use | 366955937 | Rachata Theeraphraphotphanu | 169/273 | 2025-11-19 22:19:17 |
| 02 | A | Available | | | | |
| 03 | B | Available | | | | |
| 04 | B | Available | | | | |
| 05 | C | Available | | | | |
| 06 | C | In Use | 366955937 | Rachata Theeraphraphotphanu | 169/273 | 2025-11-19 22:19:42 |
| 07 | D | Available | | | | |
| 08 | D | Available | | | | |
| 09 | E | In Use | 366955937 | Rachata Theeraphraphotphanu | 169/273 | 2025-11-19 22:20:04 |
| 10 | E | In Use | 366955937 | Rachata Theeraphraphotphanu | 169/273 | 2025-11-19 22:20:30 |

History page

CartHub
SCAN USE RETURN

Home Status Payment User List History

History

Search card... Search cart... mm/dd/yyyy mm/dd/yyyy Apply Clear

| Card ID | Cart ID | Check Time | Return Time |
|-----------|---------|---------------------|---------------------|
| 366955937 | 01 | 2025-11-20 04:14:30 | |
| 366955937 | 10 | 2025-11-19 22:20:30 | |
| 366955937 | 09 | 2025-11-19 22:20:04 | |
| 366955937 | 06 | 2025-11-19 22:19:42 | |
| 366955937 | 01 | 2025-11-19 22:19:17 | 2025-11-20 04:16:08 |
| 507088925 | 09 | 2025-11-19 05:29:28 | 2025-11-19 05:29:56 |
| 507088925 | 09 | 2025-11-19 05:23:50 | 2025-11-19 05:24:29 |
| 366955937 | 01 | 2025-11-19 02:11:34 | 2025-11-19 02:15:22 |
| 366955937 | 01 | 2025-11-19 01:49:27 | 2025-11-19 02:08:15 |

Admin

Payment page

CartHub
SCAN USE RETURN

Home Status Payment User List History

Invoice List

| Bill No. | Card ID | Name | Bill Date | Amount | Status | Update Status |
|----------|-----------|-----------------------------|------------|--------|---------|---|
| 5 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | pending | Pending <input type="button" value="Update"/> |
| 4 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | paid | Pending <input type="button" value="Update"/> |
| 3 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | pending | Pending <input type="button" value="Update"/> |
| 2 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | paid | Pending <input type="button" value="Update"/> |
| 1 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | pending | Pending <input type="button" value="Update"/> |

User list page

CartHub
SCAN USE RETURN

Home Status Payment User List History

User List

| User ID | Card ID | First Name | Last Name | Building | Room | Penalty | Actions |
|----------|-----------|-------------|----------------------|----------|---------|---------|---|
| 10800907 | 366955937 | Rachata | Theeraphraphotphantu | E | 169/273 | 169/273 | <button>Update</button> <button>Delete</button> |
| 10800909 | 916539635 | Rachata | Theeraphraphotphantu | | | | <button>Update</button> <button>Delete</button> |
| 10800913 | 916539638 | F_916539638 | L_916539638 | B | 391 | 391 | <button>Update</button> <button>Delete</button> |
| 10800914 | 916539639 | F_916539639 | L_916539639 | D | 419 | Banned | <button>Update</button> <button>Delete</button> |
| 10800915 | 916539640 | F_916539640 | L_916539640 | E | 414 | Warning | <button>Update</button> <button>Delete</button> |
| 10800916 | 916539641 | F_916539641 | L_916539641 | A | 303 | Banned | <button>Update</button> <button>Delete</button> |
| 10800917 | 916539642 | F_916539642 | L_916539642 | A | 016 | Warning | <button>Update</button> <button>Delete</button> |

Update user page

Update User #10800907

| | |
|------------|----------------------|
| Card ID | 366955937 |
| First Name | Rachata |
| Last Name | Theeraphraphotphantu |
| Building | E |
| Room | 169/273 |
| Penalty | None |

Cancel Save Changes

Create user page

| | | | | | | | |
|----------|-----------|-------------|-------------|---|-----|---------|---|
| 10800924 | 916539649 | F_916539649 | L_916539649 | E | 113 | Banned | <button>Update</button> <button>Delete</button> |
| 10800925 | 916539650 | F_916539650 | L_916539650 | B | 451 | Banned | <button>Update</button> <button>Delete</button> |
| 10800926 | 916539651 | F_916539651 | L_916539651 | B | 473 | Warning | <button>Update</button> <button>Delete</button> |
| 10800927 | 916539652 | F_916539652 | L_916539652 | A | 180 | Banned | <button>Update</button> <button>Delete</button> |
| 10800928 | 916539653 | F_916539653 | L_916539653 | C | 122 | Banned | <button>Update</button> <button>Delete</button> |
| 10800929 | 916539654 | F_916539654 | L_916539654 | E | 361 | Warning | <button>Update</button> <button>Delete</button> |
| 10800930 | 916539655 | F_916539655 | L_916539655 | B | 080 | | <button>Update</button> <button>Delete</button> |

< 1 2 3 500000 >

Create New User

| | | | | |
|---------|------------|-----------|----------|------|
| Card ID | First Name | Last Name | Building | Room |
|---------|------------|-----------|----------|------|

Create

Admin

Progress & Completed Tasks

Complete proposal



Sign up & Log in

The sign-up form for CartHub includes fields for First Name, Last Name, Username, Password, Confirm Password, Email, Gender (Male, Female, Hidden), Phone, Birth Date, and Building Number. A 'Sign up' button is at the bottom.

The login form for CartHub includes fields for Username and Password, and a 'Sign In' button. Below the button is a link for 'Don't have an account?'

Handle 20M of row

Your SQL query has been executed successfully.

```
SELECT COUNT(*) FROM `user`;
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Extra options

COUNT(*)

10000000

Your SQL query has been executed successfully.

```
SELECT COUNT(*) FROM `profile`;
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Extra options

COUNT(*)

10000000

QRcode for cart

A QR code labeled 'CART' with 'Cart No : A1'. Below it is a 'Switch to Camera Scan' button. To the right is a digital display showing 'Borrowing time 00 : 00 : 00' and a 'Notification' box stating 'Waiting for scan — Cart A1 is not in use.' A red 'Return Cart' button is at the bottom right.

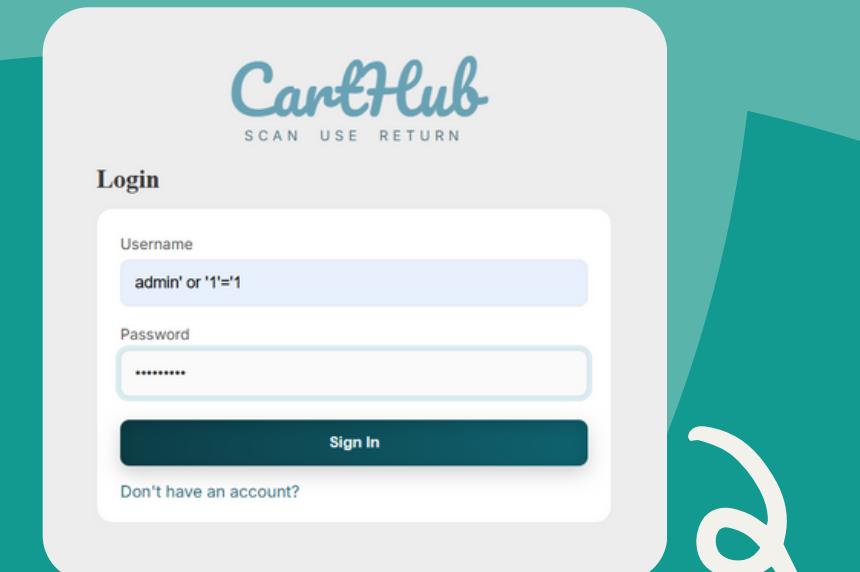


Progress & Completed Tasks

Database Security ✓

| username | password |
|---------------|--|
| TunnyUser | \$2y\$10\$xdpHFMK7n6kIZlFyl6uk1eyQzjJC7nzTJn3AQmTEpJ... |
| Tunny | \$2y\$10\$qNKjplxUNWBUDbcOtAiQuobOu9YBLv/S4qoIKZqQuF... |
| user916539638 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539639 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539640 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539641 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539642 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539643 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539644 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539645 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539646 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539647 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539648 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539649 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539650 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539651 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539652 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539653 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539654 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539655 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539656 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539657 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539658 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |
| user916539659 | \$2y\$10\$vPnJvSubF9P1H.bWYIGgEubK68kLIV6YrYxkAUhH9Lg... |

Input → Hashed → Verify → Output



lightpink-seahorse-965423.hostingersite.com says

Invalid Username or Password

OK

| Name | Table | Time | Event | |
|---|----------|--------------|-------|--|
| <input type="checkbox"/> trg_borrower_after_return | borrower | AFTER UPDATE | | |

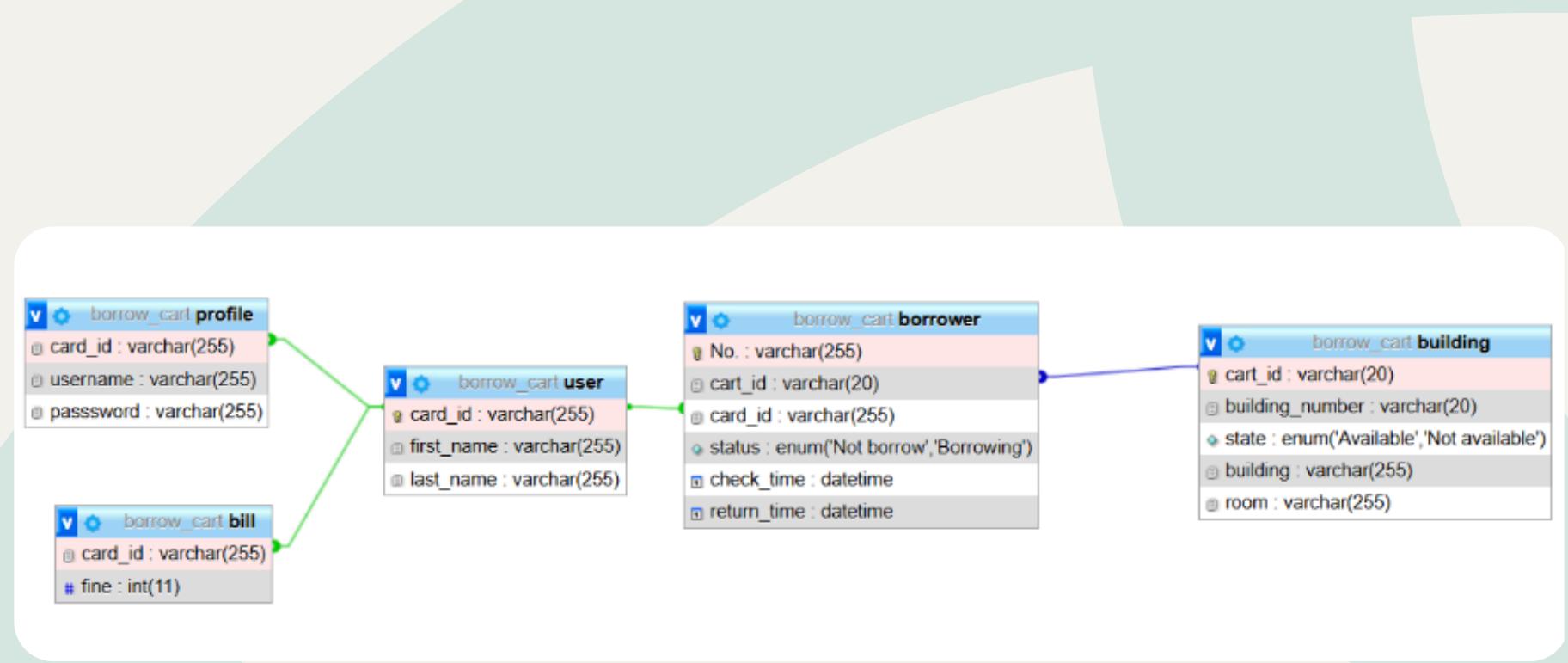
Penalty after return cart

| Name | Type | Returns | |
|--|-----------|---------|--|
| <input type="checkbox"/> fill_profile | PROCEDURE | | |
| <input type="checkbox"/> fill_user | PROCEDURE | | |

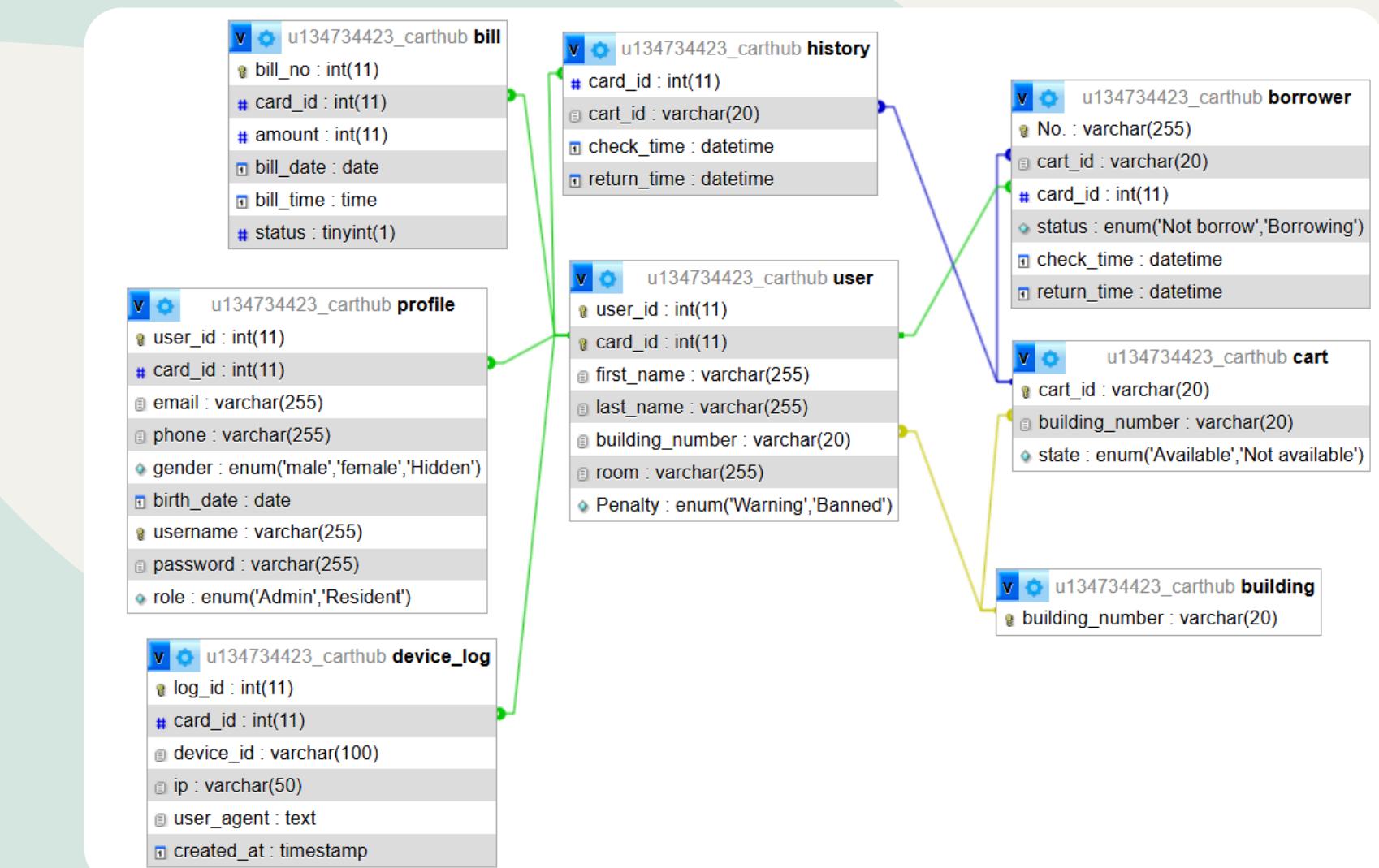
Create user random value

Update ER

Before

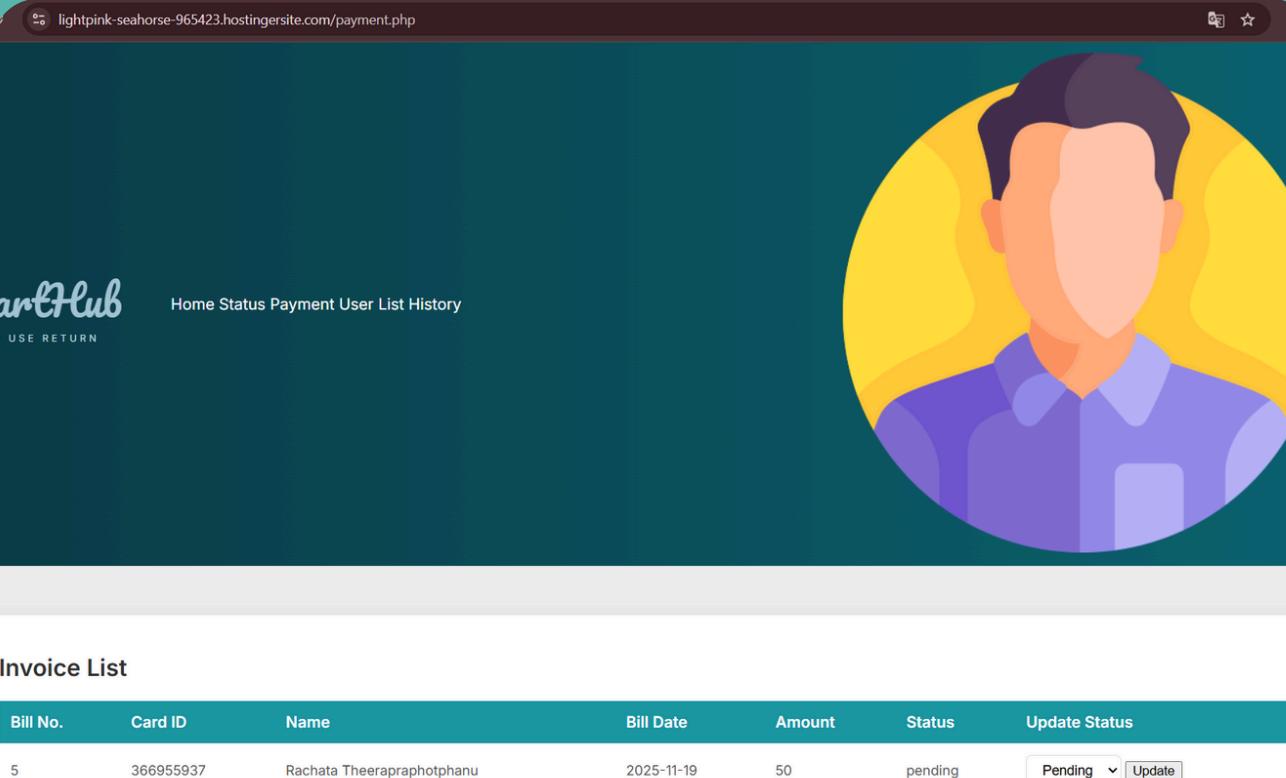


After



Unfinished Tasks

Payment page
(Default)

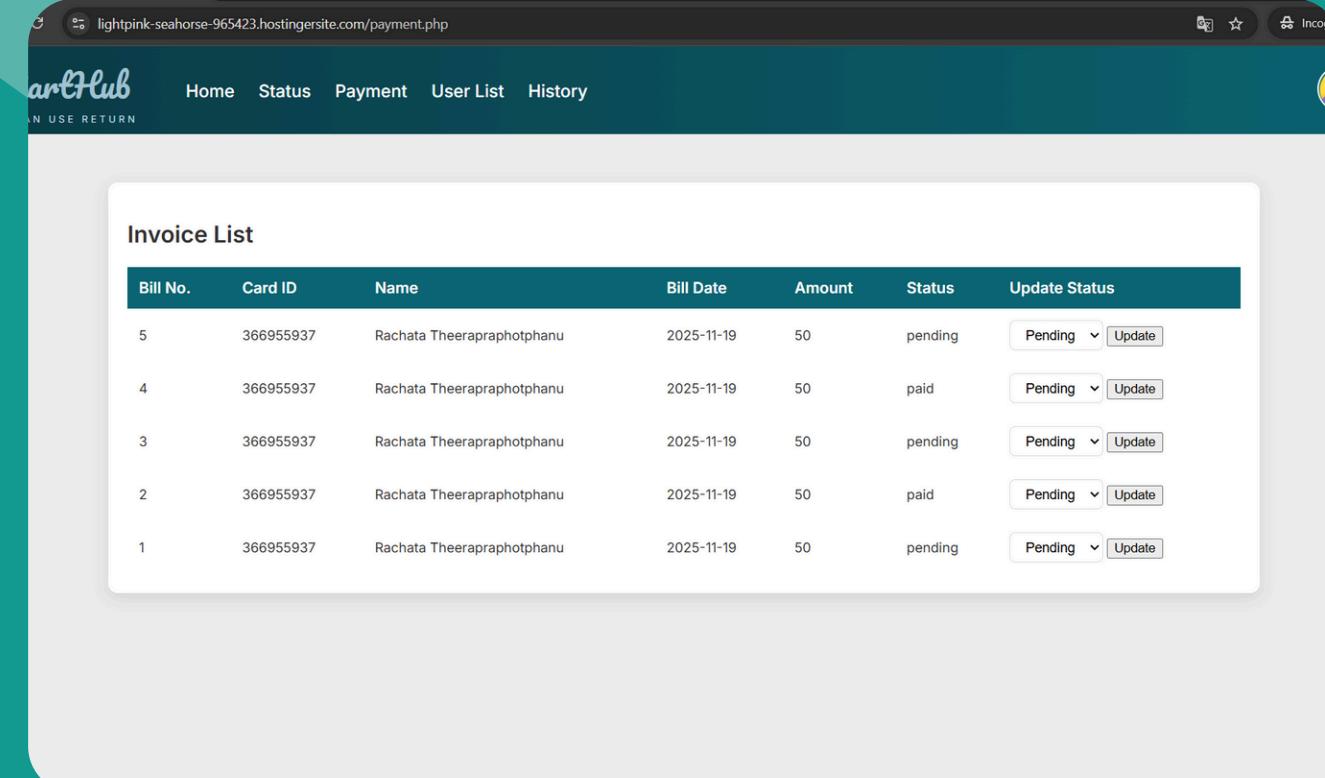


A screenshot of a web browser showing a payment page. The header includes the logo 'artHub' and links for 'Home', 'Status', 'Payment', 'User List', and 'History'. Below the header is a large circular profile picture of a person with dark hair and a yellow background. The main content area is titled 'Invoice List' and displays a table with one row of data. The table columns are: Bill No., Card ID, Name, Bill Date, Amount, Status, and Update Status. The single row shows: Bill No. 5, Card ID 366955937, Name Rachata Theeraphraphotphanu, Bill Date 2025-11-19, Amount 50, Status pending, and Update Status button labeled 'Pending'.

| Bill No. | Card ID | Name | Bill Date | Amount | Status | Update Status |
|----------|-----------|-----------------------------|------------|--------|---------|---|
| 5 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | pending | Pending <input type="button" value="Update"/> |

Deploy
10%

Payment page
(Incognito)



A screenshot of a web browser in incognito mode showing the same payment page. The header includes the logo 'artHub' and links for 'Home', 'Status', 'Payment', 'User List', and 'History'. Below the header is a large circular profile picture of a person with dark hair and a yellow background. The main content area is titled 'Invoice List' and displays a table with five rows of data. The table columns are: Bill No., Card ID, Name, Bill Date, Amount, Status, and Update Status. All rows show the same information: Bill No. 5, Card ID 366955937, Name Rachata Theeraphraphotphanu, Bill Date 2025-11-19, Amount 50, Status pending, and Update Status button labeled 'Pending'.

| Bill No. | Card ID | Name | Bill Date | Amount | Status | Update Status |
|----------|-----------|-----------------------------|------------|--------|---------|---|
| 5 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | pending | Pending <input type="button" value="Update"/> |
| 4 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | paid | Pending <input type="button" value="Update"/> |
| 3 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | pending | Pending <input type="button" value="Update"/> |
| 2 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | paid | Pending <input type="button" value="Update"/> |
| 1 | 366955937 | Rachata Theeraphraphotphanu | 2025-11-19 | 50 | pending | Pending <input type="button" value="Update"/> |

Project Demo

CARTHUB



Login

Sign Up





Thgink

Our Team

Mr. Rachata Theerapraphotphanu – 6622780805 – Backend & Database coding

Mr. Supawit Omsin – 6622782348 – Frontend & backend coding



Our website