

# **Software Development Workshop II**

## **Group Project**

**<Game Hub>**

## **User Manual**

**Group 8**

**2019/05/20**

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Our website has a total of 22 interfaces. All the html file use bootstrap as a CSS, JavaScript, jQuery style. In server side we use python flask

### Initial the system

1. Open XAMPP, input the account name as well as the password to log in the localhost and create a database named "gamehub"
2. Our database settings are in the .env file.

The format should be  
mysql+pymysql://<username>:<password>@localhost/gamehub

Our default setting is username: root and password: (NULL)

```
FLASK_APP=gamehub.py
MAIL_SERVER=smtp.tom.com
MAIL_PORT=25
MAIL_USE_TLS=false
MAIL_USERNAME=sdw2group8@tom.com
MAIL_PASSWORD=sdw2group8
MAIL_SENDER="GameHub Admin <sdw2group8@tom.com>"
DEV_DATABASE_URL=mysql+pymysql://root@localhost/gamehub
```

3. Open the folder by PyCharm

4. pip install -r requirements.txt

5. set FLASK\_APP=gamehub.py

6. flask init-db

(You can initialize the databases whenever you want, but you must do it if it is the first time running on your computer)

This process will take several minutes, please wait.

7. flask run

8. Admin account cannot be register through the register page.

9. Our pre-added administrator is account: [admin@test.com](mailto:admin@test.com) password:

admin

10. Our Default Official Email Account is:

Account: [sdw2group8@tom.com](mailto:sdw2group8@tom.com)

Password: sdw2group8

11. To add new administrator you need go to the **gamehub.py** and find

**insert\_test\_users()** function to modify the details.

```
def insert_test_users():
    fake = Faker()
    # test_user
    test_user = User()
    test_user.name = 'test_user'
    test_user.email = 'test@test.com'
    test_user.gender = 'M'
    test_user.bill_address = fake.address()
    test_user.personal_introduction = fake.text()
    test_user.phone_no = fake.phone_number()
    test_user.password = 'test'
    test_user.is_admin = False
    test_user.confirmed = True
    db.session.add(test_user)

    # test_user: admin
    test_user = User()
    test_user.name = 'admin'
    test_user.email = 'admin@test.com'
    test_user.gender = 'M'
    test_user.bill_address = fake.address()
    test_user.personal_introduction = fake.text()
    test_user.phone_no = fake.phone_number()
    test_user.password = 'admin'
    test_user.is_admin = True
    test_user.confirmed = True
    db.session.add(test_user)

    db.session.commit()
```

## Pages

### Home page

Input the URL, first is home page, from top to bottom First is navigation bar. Icons are logo,

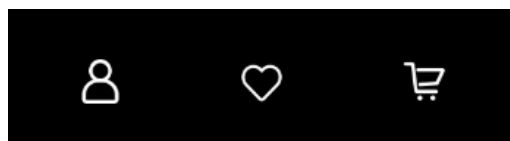
Search bar, user login, wish list and cart. Click any logo in the website can jump to



the homepage,

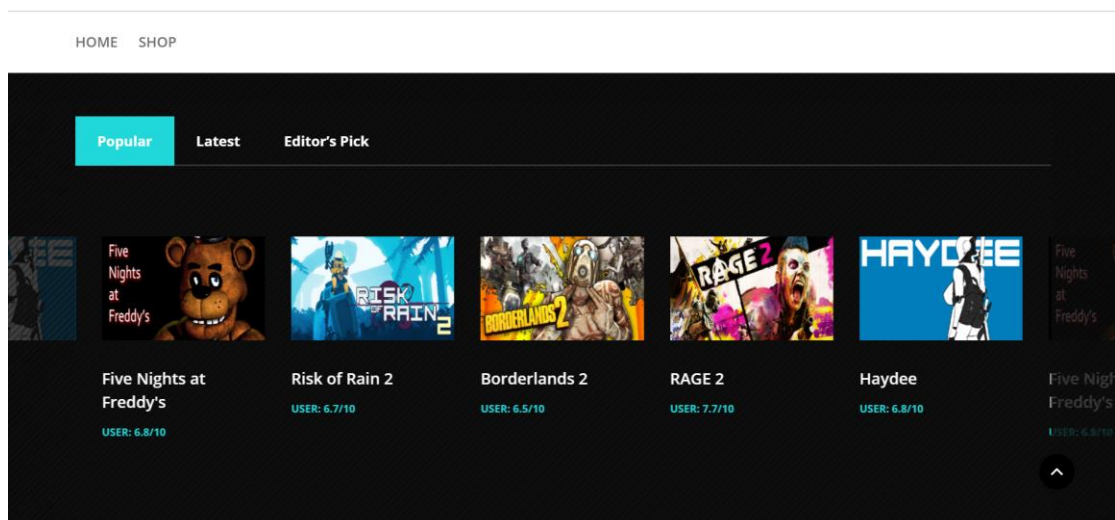
in the search bar you can search any relevant game you want. And click this icon

will skip to personal center, wish list, and cart page if you have already log in



Sliding the interface, you can see many kinds of popular game

You can slide month to see different games



At the bottom of the homepage is also the written message like navigation bar

[Sign in](#)

[View Cart](#)

[My Wishlist](#)

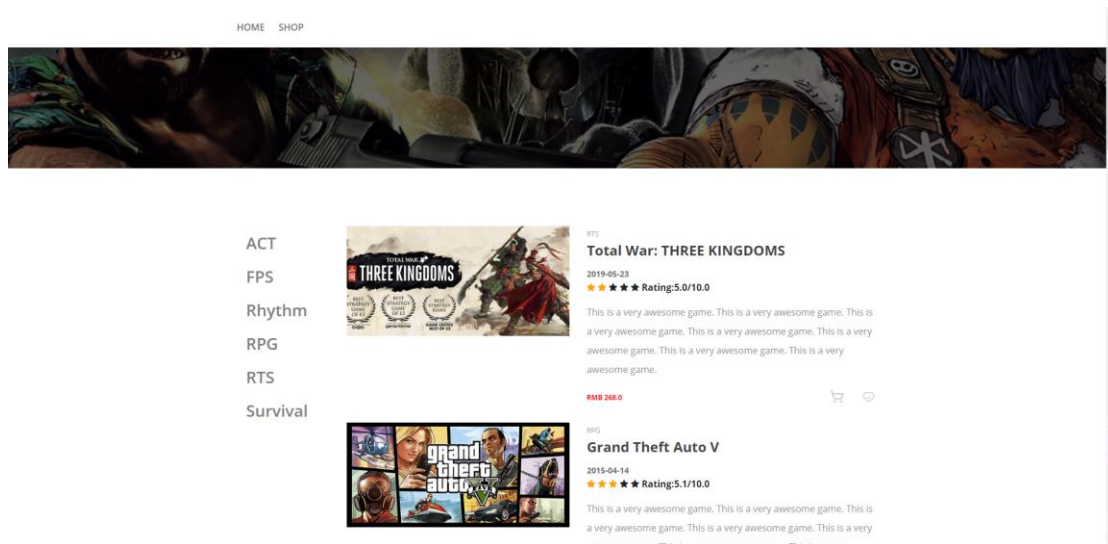
[Track My Order](#)

## Search the Game

Search anything you want here!

## Shop

Click the any games will skip to the Shop page. The page includes all kind of game like ACT, FPS and so on. In the right of classify bar is the specific game



RTS

RPG

FPS

Rhythm

Survival

ACT

Click game name will skip to the page about this game information

And click the cart and wish list icon will add the game to your cart and wish list respectively





HOME SHOP

## MY WISHLIST

Lorem ipsum dolor sit amet ipsum dolor sit amet elit ipsum.



### MORDHAU

Price: RMB90.0

Remove 𐄂



### Cities: Skylines

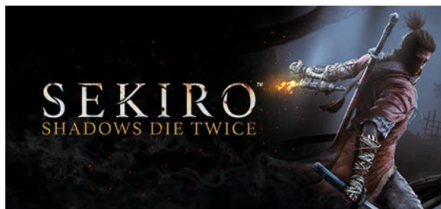
Price: RMB88.0

Remove 𐄂

Merchandise: 2  
Estimated Shipping: Free  
Order Total: RMB 178.0

Add them into cart

We can search the game “sekiro” and to know specific game information



RPG

## Sekiro™: Shadows Die Twice

2019-03-22

This is a very awesome game. This is a very awesome game. This is a very awesome game. This is a very awesome game. This is a very awesome game. This is a very awesome game. This is a very awesome game.

**RMB 268.0**






Game page

In the game page you can see the detailed information of the game

[HOME](#) [SHOP](#)



RPG

**Sekiro™: Shadows Die Twice**



★★★★★ Rating: 6.2/10.0 [Give a rating](#)


2019-03-22

**BUY IT NOW!**


Carve your own clever path to vengeance in an all-new adventure from developer FromSoftware, creators of Bloodborne and the Dark Souls series. Take Revenge. Restore your honor. Kill Ingeniously.

**RMB 268.0**




**Comments**



Daniel Crane

2019-05-19 06:46:12.118163


Card new fund east throw power. A beyond talk receive article leave. Hour film manage important move power. Important middle yes. Somebody study young discuss sure benefit enter number.



Cody Soto

2019-05-19 06:46:12.118163

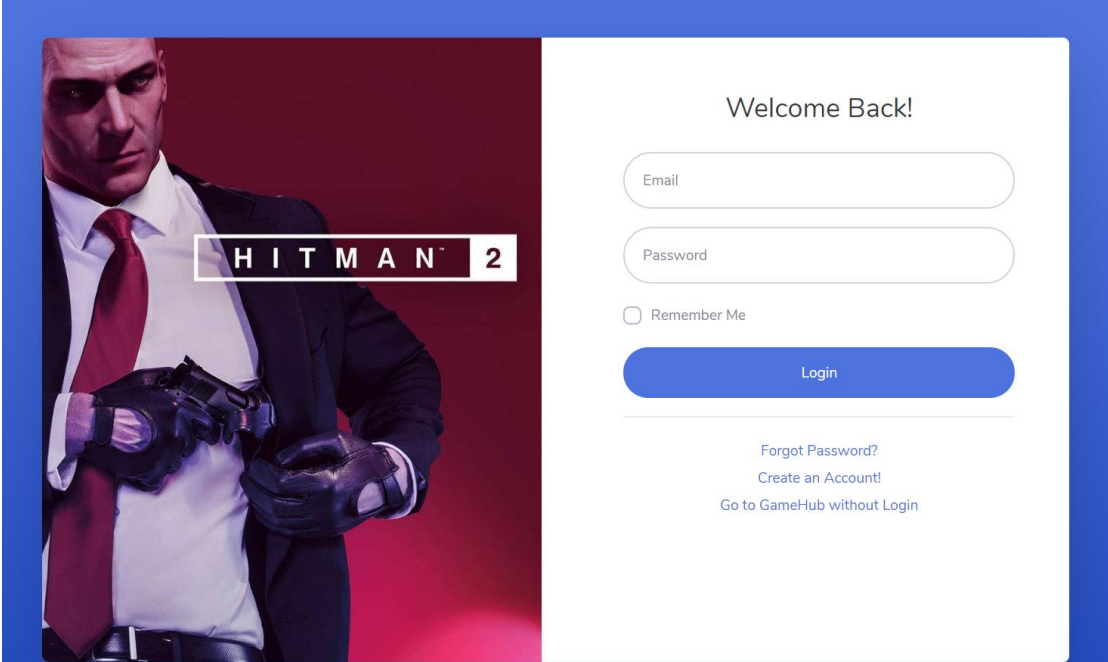
Executive she difference. Light Republican continue thus anything become card.



What's more you can rate the game and publish your own comment for a specific game.

## Login page

If you have already register you can login in directly



The login page for Hitman 2 features a blue border. On the left is a promotional image of Agent 47 in a suit and red tie, holding a gun, with the text "HITMAN 2" overlaid. On the right is a white login form with the heading "Welcome Back!". It includes input fields for "Email" and "Password", a "Remember Me" checkbox, and a blue "Login" button. Below the button are links for "Forgot Password?", "Create an Account!", and "Go to GameHub without Login".

Welcome Back!

Email

Password

☐ Remember Me

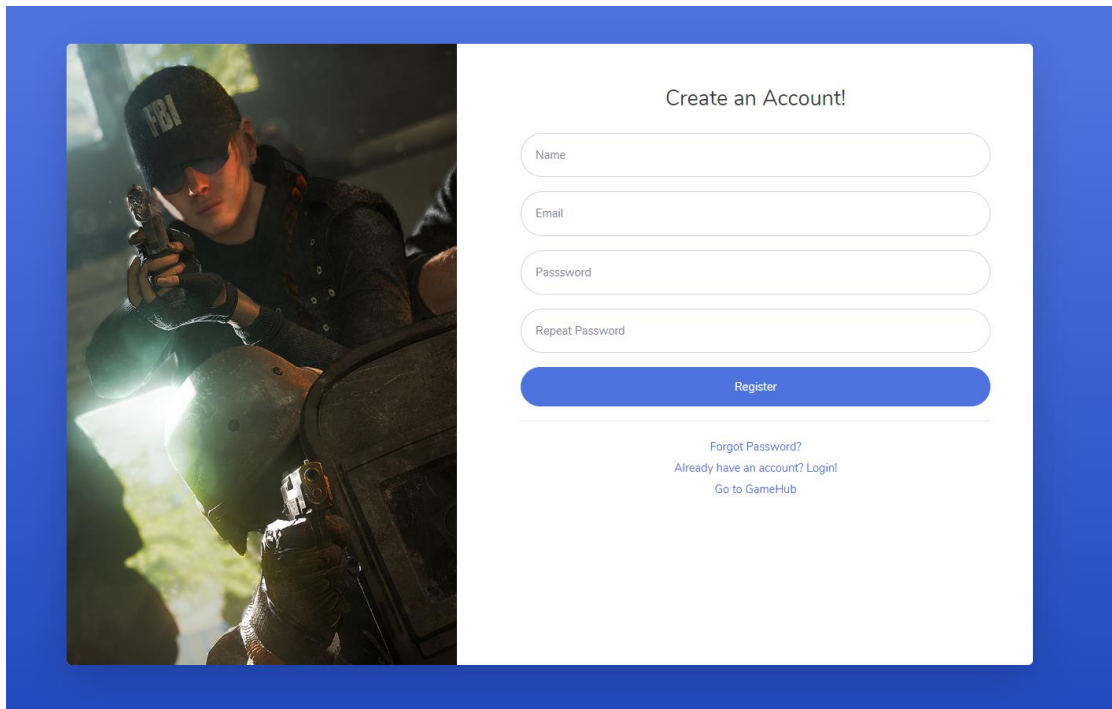
Login

[Forgot Password?](#)

[Create an Account!](#)

[Go to GameHub without Login](#)

## Registration page



The registration page is set against a blue background. On the left is a vertical image of a character wearing a black cap with 'FBI' on it, holding a handgun. On the right is a white registration form titled 'Create an Account!'. The form contains four input fields: 'Name', 'Email', 'Password', and 'Repeat Password'. Below these fields is a blue 'Register' button. At the bottom of the form, there are three links: 'Forgot Password?', 'Already have an account? Login!', and 'Go to GameHub'.

Create an Account!

Name

Email

Password

Repeat Password

Register

[Forgot Password?](#)

[Already have an account? Login!](#)

[Go to GameHub](#)

Click the 'create account' to registration. After you registered, we will send e-mail to verify your account and you should check the inbox, if the email does not in the inbox, check the junk and maybe the email in your junk. Do not try to send the verifying to the same email account frequently because the third-party email serves supporter may regard your actions as illegal behaviors. IF you register account without verity in mailbox will show this page when you log in.

#### 系统退信通知:

您发送的邮件未能送达至指定收件人, 请查看退信原因。  
如有其他退信问题, 请联系TOM邮箱 (tech@tom.com) 。  
欢迎向TOM邮箱发送退信报告, 以便及时为您处理。

TOM邮箱服务中心

#### 退信原因:

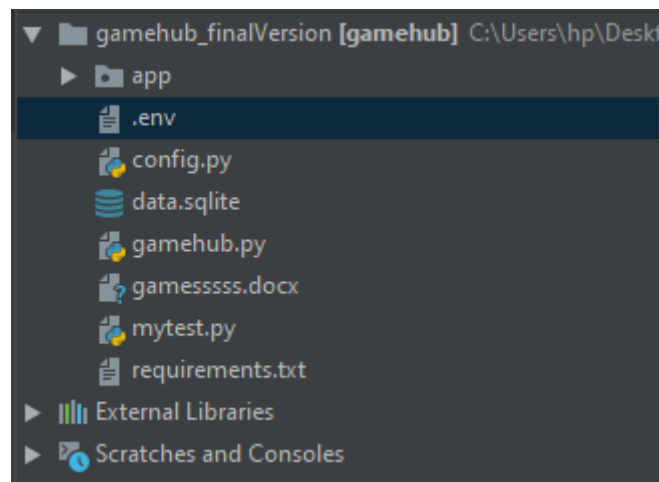
```
<648308255@qq.com>: host mx3.qq.com[157.255.174.110] said: 550 Mail content
denied [OajlioWTF4gnLTUkaqTE2QYHGNEszQhtdH4gpQk8/3KA2XmBDISZWuI= IP:
106.3.154.247].
http://service.mail.qq.com/cgi-bin/help?subtype=1&&id=20022&&no=1000726 (in
reply to end of DATA command)
```

For example: the email was rejected by the third-party email supporter. The error code is 550.

If you want to change the email address of the official account:

you need to find the file .env and change the corresponding information you need.

If there is something wrong with the official email account (this will affect your registration and offline resetting password), you can log in as the administrator and find the user you registered in all users and change the confirmed status from unconfirmed into confirmed.



```
FLASK_APP=gamehub.py
MAIL_SERVER=smtp.tom.com
MAIL_PORT=25
MAIL_USE_TLS=false
MAIL_USERNAME=sdw2group8@tom.com
MAIL_PASSWORD=sdw2group8
MAIL_SENDER="GameHub Admin <gamehub@tom.com>"
DEV_DATABASE_URL=mysql+pymysql://root@localhost/gamehub|
```



Welcome Back!

Hello, !

You have not confirmed  
your account yet.


Before you can access this site you need to  
confirm your account. Check your inbox, you  
should have received an email with a  
confirmation link.

Need another confirmation email? [Click here](#)

[Log out](#)

## Reset password

You can reset your password in this page

A promotional image for the video game Hitman 2. It features the main character, Agent 47, in a dark suit, white shirt, and red tie. He is wearing black tactical gloves and has a serious expression. The background is a deep red. The text "HITMAN 2" is overlaid in a white box with a black border.

### Reset Your Password

Email

Reset Password

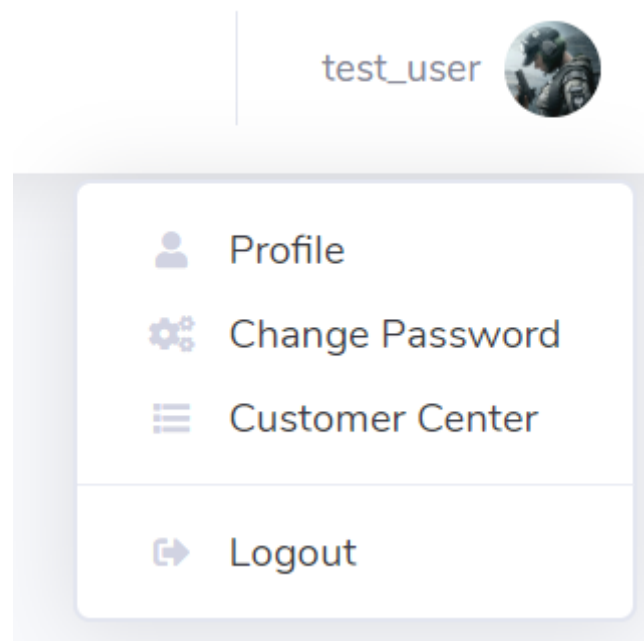
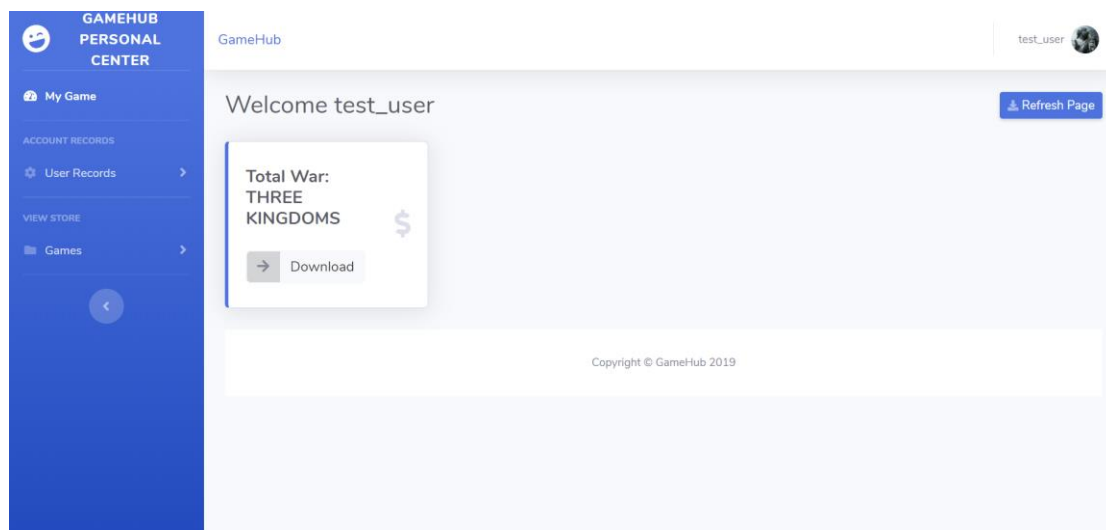
[Go to GameHub](#)

## User personal center

In user personal center, User can see all the order and the game they have already owned.

User can propose the refund about the game which they want to refund in personal center

In Personal center, User can edit their own information



GAMEHUB  
PERSONAL  
CENTER

My Game

ACCOUNT RECORDS

User Records

VIEW STORE

Games

GameHub

Scott Shen

All Refunds

All the refund information are shown below.

DataTables Example

Show: 10 entries

Search:

Refund ID	User ID	Order ID	Status	Admin Message	Product Involved	Date
2001	120006	20002	pending	None	Grand Theft Auto V	2019-05-19

Showing 1 to 1 of 1 entries

Previous 1 Next

1

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## Edit Profile

You can edit your profile here.

Name

admin

Gender

Male

Bill Address

Unit 7233 Box 4386DPO AA 01357

Personal Introduction

How grow continue fight. Artist will night speak investment alone several clearly. Return improve top my stock air suddenly. Piece

Phone Number

001-719-562-3655x941

Photo

选择文件 未选择任何文件

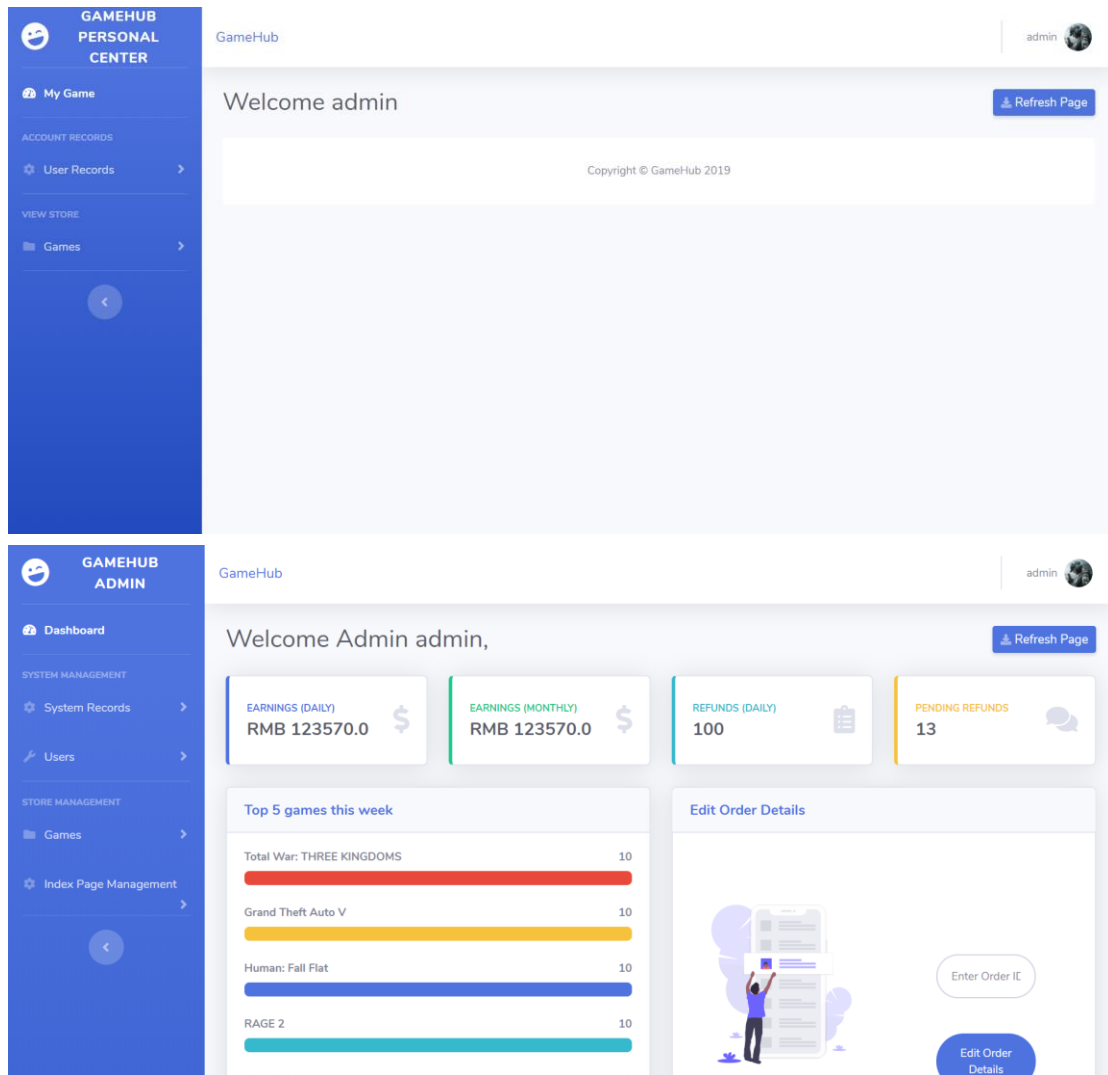
SAVE

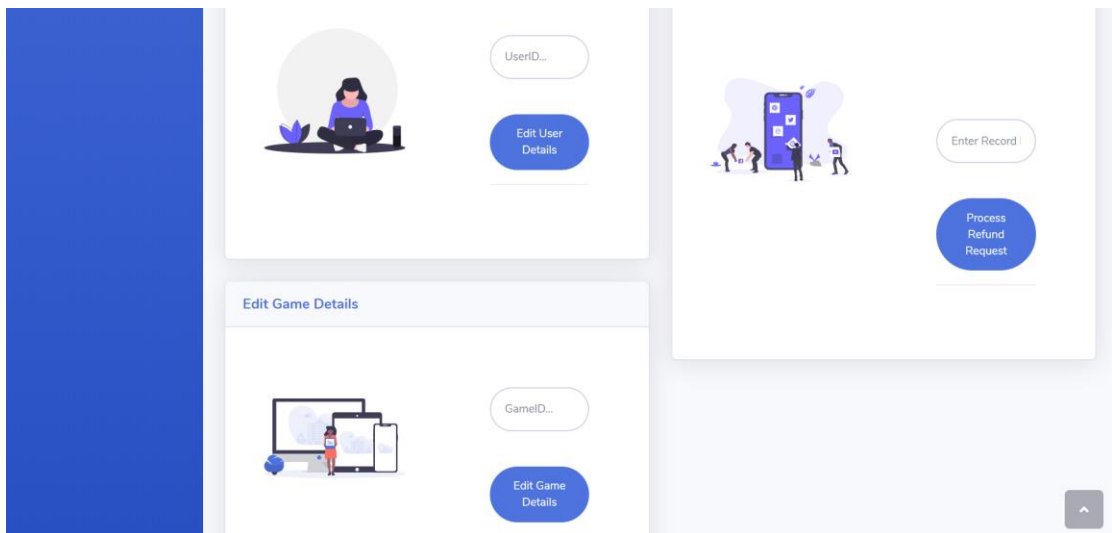
Other



## Admin page

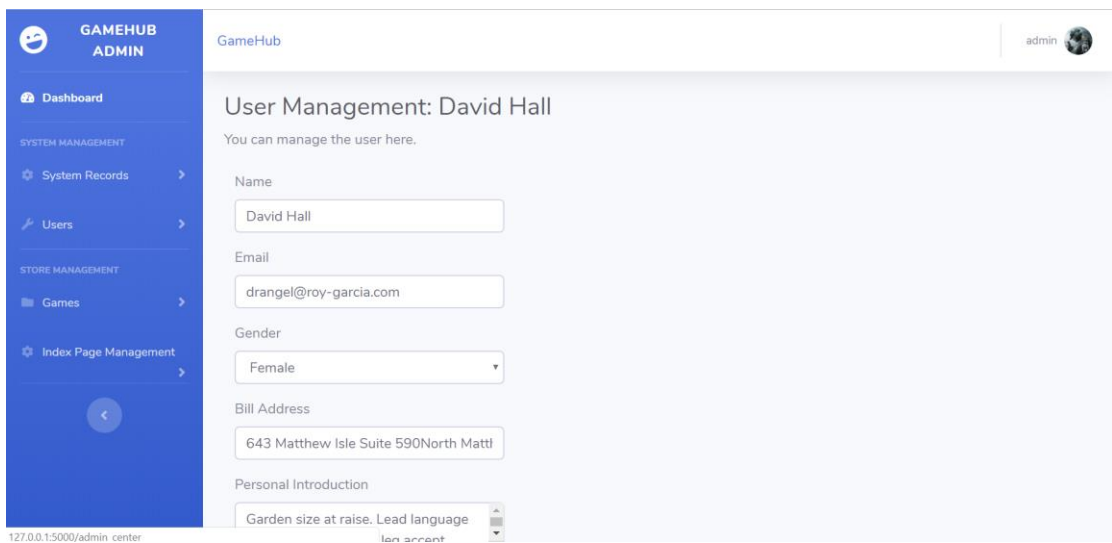
Admin can find, delete, add, modify the user information in the Dashboard directly



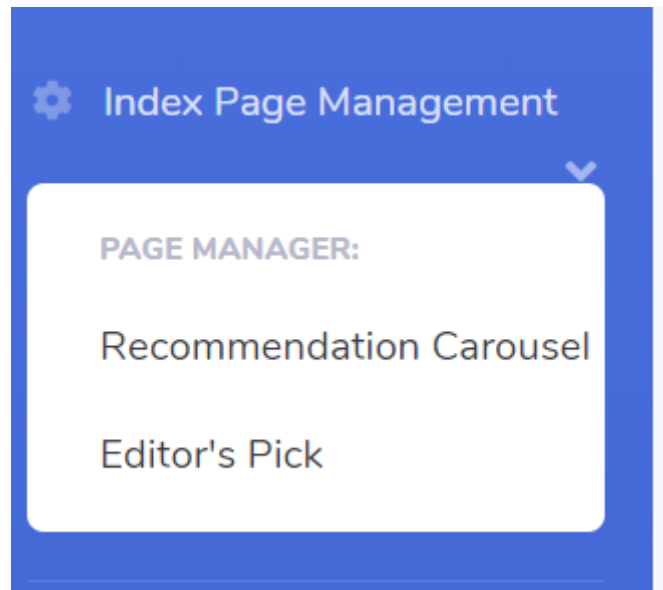


In the admin page, admin can see the all the data of website

When login is admin will show admin page rather than user person center. In this page admin can see any User information, user records orders, refund and manage the user information



And in the game bar, admin can modify any game information, add new game or edit the layout of the page



In this dropdown panel, User can modify the content show the index.html

GAMEHUB ADMIN

Dashboard

SYSTEM MANAGEMENT

System Records

Users

STORE MANAGEMENT

Games

Index Page Management

GameHub

admin

Recommendation Carousel Management

You can view or remove game from the recommendation carousel in the home page here.

DataTables Example

Game ID	Game Title	Issued Date	Publisher	Developer	Price	Brief Introduction	Rating	Latest Version	Enabled	
1	Total War: THREE KINGDOMS	2019-05-23	SEGA	CREATIVE ASSEMBLY	268.0	Gameplay consists of graphic and realistic-looking depictions of physical conflict, weapons and depictions of human injury and death.	5.0	v1.0.0	True	Remove
2	Grand Theft Auto V	2015-04-14	Rockstar Games	Rockstar North	119.0	Los Santos is a city of bright lights, long nights and dirty secrets, and they don't come brighter, longer or dirtier than in GTA Online: After Hours. The party starts now.	5.1	v1.0.0	True	Remove
3	Human: Fall Flat	2016-07-23	Curve Digital	No Brakes Games	48.0	Human: Fall Flat is a quirky open-ended physics-based puzzle platformer set in floating dreamscapes. Your goal is to find the exit of these surreal levels by solving puzzles with nothing but your wits. Local co-op for 2 players and up to 8 online for even more mayhem!	5.3	v1.0.0	True	Remove

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## GAMEHUB ADMIN



Dashboard

### SYSTEM MANAGEMENT



System Records



Users



### STORE MANAGEMENT



Games



#### GAMES MANAGER:

All Games

Add New Game



Index Page Management



Edit the details of each game, and choose which game to be show in which area of homepage

### Game Management: Total War: THREE KINGDOMS

You can manage the game here.

Game ID	1
Game Title	Total War: THREE KINGDOMS
Issued Date	2019-05-23
Publisher	SEGA
Developer	CREATIVE ASSEMBLY
Price	268.0
Brief Introduction	Gameplay consists of graphic and realistic-looking depictions of physical conflict, weapons and depictions of human injury and death.
Rating	5.0
Version	v1.0.0

Available Operations:

Edit Disable Remove from the home recommendation Add to "Editor's Pick"

Change Cover Add Game Image Manage Game Images

Similarly, we can edit the details of users, orders and refund

### Edit Order

You can edit order here.

Total Cost

268.0

Bill Address

579 Young Well Apt. 906Brenthaven, ND 88265

Date

2019-05-19

SAVE

GAMEHUB  
ADMIN

Dashboard

SYSTEM MANAGEMENT

System Records

Users

STORE MANAGEMENT

Games

Index Page Management

GAMEHUB  
ADMIN

Dashboard

SYSTEM MANAGEMENT

System Records

Users

STORE MANAGEMENT

Games

Index Page Management

GameHub

admin

All Refunds

All the refund information are shown below.

DataTables Example

Refund ID	User ID	Order ID	Status	Admin Message	Product Involved	Date	
1	49342	1	pending	None	Total War: THREE KINGDOMS	2019-05-19	Process
2	49343	2	accepted	okkkkkk	Total War: THREE KINGDOMS	2019-05-19	Processed
3	49344	3	accepted	okkkkkk	Total War: THREE KINGDOMS	2019-05-19	Processed
4	49345	4	accepted	okkkkkk	Total War: THREE KINGDOMS	2019-05-19	Processed
5	49346	5	accepted	okkkkkk	Total War: THREE KINGDOMS	2019-05-19	Processed
6	49347	6	accepted	okkkkkk	Total War: THREE KINGDOMS	2019-05-19	Processed
7	49348	7	accepted	okkkkkk	Total War: THREE KINGDOMS	2019-05-19	Processed
8	49349	8	accepted	okkkkkk	Total War: THREE KINGDOMS	2019-05-19	Processed
9	49350	9	pending	None	Total War: THREE KINGDOMS	2019-05-19	Process
10	49351	10	accepted	okkkkkk	Total War: THREE KINGDOMS	2019-05-19	Processed

Refund Process

You can process refund.

Message

This refund can be accepted.

accept/reject

Accept

SUBMIT

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Cart

User can add game into cart and buy game in cart page

[HOME](#) [SHOP](#)

### MY CART


Lorem ipsum dolor sit amet ipsum dolor sit amet elit ipsum.



**Total War: THREE KINGDOMS**

Price: RMB268.0

[Remove](#)



**NBA 2K19**

Price: RMB65.0

[Remove](#)

Merchandise: 2

Estimated Shipping: Free

Order Total: RMB 333.0

[Proceed to cheque out](#)


Wish list

The function is same as the cart without buying games. Add the game into my  
Wishlist can get the notification when the game update or has a discount

[HOME](#) [SHOP](#)


MY WISHLIST


Lorem ipsum dolor sit amet ipsum dolor sit amet elit ipsum.



Total War: THREE KINGDOMS


Price: RMB268.0

Remove 



MONSTER HUNTER: WORLD

Price: RMB308.0

Remove 

Merchandise:2

Estimated Shipping:Free

Order Total:RMB 576.0

Add them into cart