

# SCREAM

Game Store

ALREGHT

Li Jiaxin  
Lin Zeyin  
Liu Yuzhan  
Qu Tong  
Shen Tengda

## Table of Contents

<b>1.</b>	<i>Environmental preparation</i> .....	<b>2</b>
<b>2.</b>	<i>Application function</i> .....	<b>4</b>
a)	Register for user and company .....	4
b)	login for user or company .....	4
c)	User Homepage .....	5
d)	Game store page .....	6
e)	Game Index .....	7
f)	User like page .....	9
g)	Personal Page .....	9
h)	Comment page .....	10
i)	Company index/Company personal message .....	11
j)	Publish new game.....	12
k)	Company game list .....	13
l)	company game index.....	14

# 1. Environmental preparation

Operation System:	Mac, Windows
Application RunServer:	python3
	mysql 8
	flask
	chrome/firefox

- a) Create a new database ‘game’:

```
create database game;
```

change mysql information from python file in config.py

- b) Create tables schema:

For example:

```
CREATE TABLE game (
    gid INTEGER auto_increment,
    gname VARCHAR(255),
    type VARCHAR(255),
    cid INTEGER,
    price INTEGER,
    release_date VARCHAR(255),
    gsystem VARCHAR(255),
    sizeG INTEGER,
    picture VARCHAR(255),
    PRIMARY KEY(gid)
);
```

schema sql sentence written in sql/schema.sql

- c) Insert data into tables:

For example:

```
INSERT INTO game (gid,gname,type,cid,price,release_date,gsystem,sizeG,picture) VALUES
(12679583,'Disney Fairies: Tinker Bell''s
Adventure','Adventure',840857,15.49,'2014/10/6','windows',9.74,'disney_fairies.jpg'),
(22932744,'WholeLife 3','Action',135723,5,'2020/5/1','windows',2,'whole_life3.png');
```

First insert table ‘company’ and ‘user’ , because they are going to be foreign key of other tables.

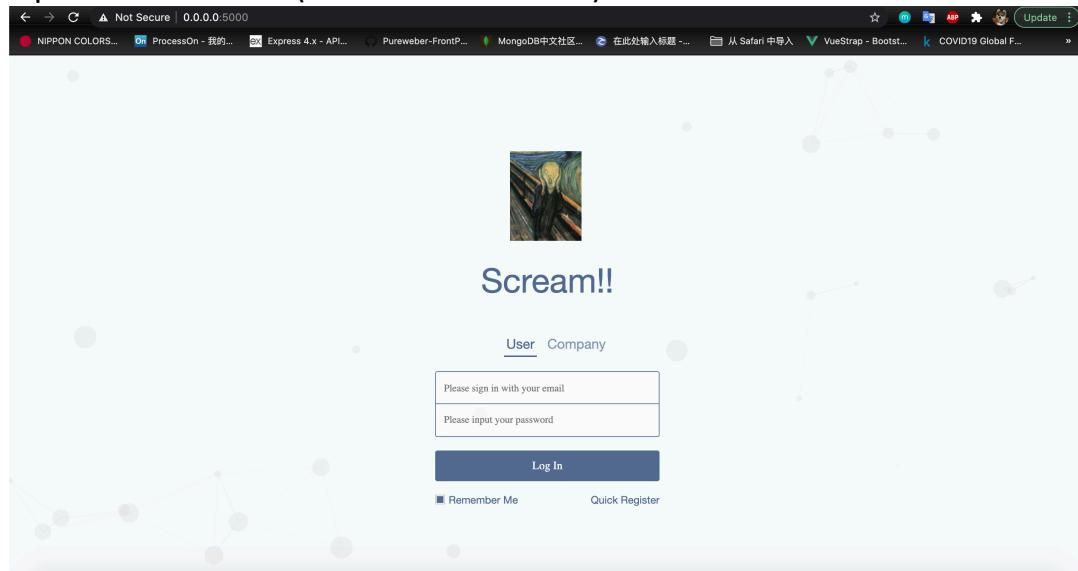
- d) Install module flask, pymysql (anaconda)

```
pip install flask
```

- e) In terminal, find the path of python file ‘main.py’, run it.

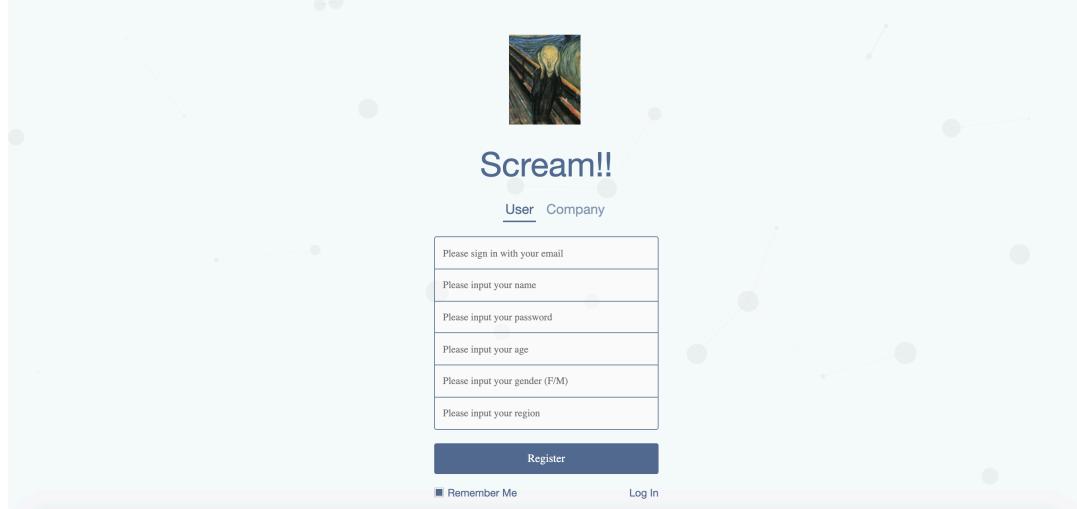
```
(base) → Scream python main.py
 * Serving Flask app "main" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Running on http://0.0.0.0:5000/ (Press CTRL+C to quit)
 * Restarting with fsevents reloader
 * Debugger is active!
```

- f) Open our browser (Chrome version 86):

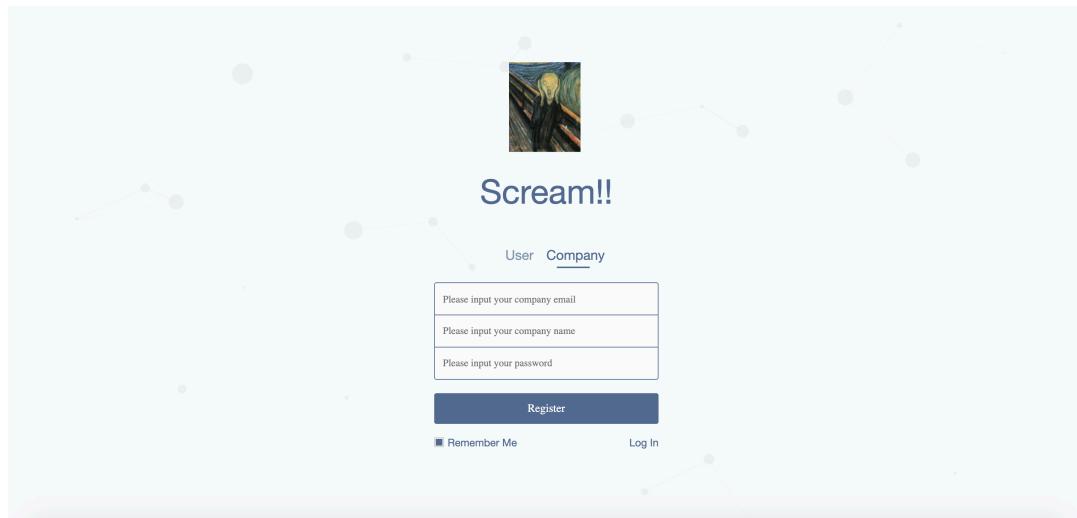


## 2. Application function

### a) Register for user and company

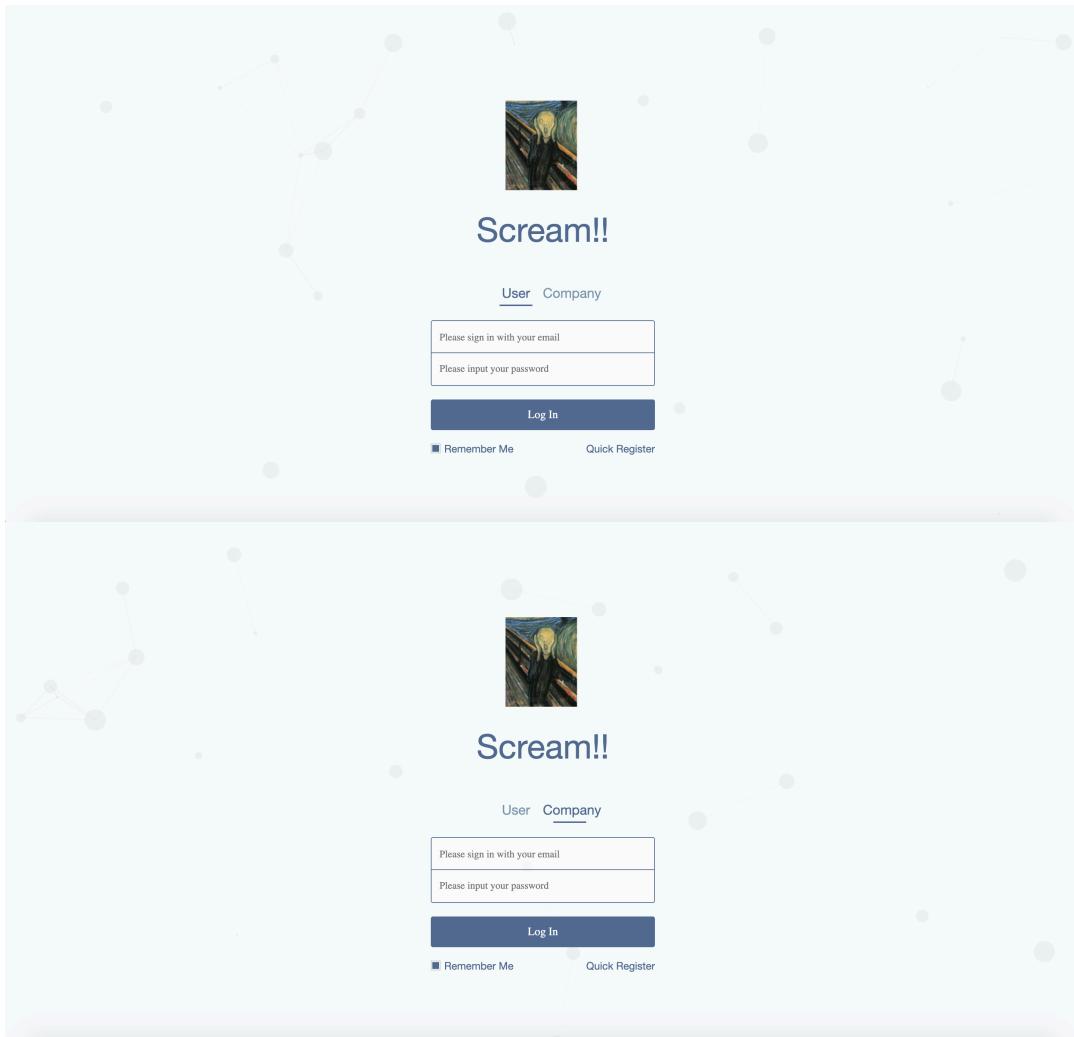


The registration form for a User is displayed. At the top center is a small image of Edvard Munch's painting 'The Scream'. Below it, the text 'Scream!!' is written in a stylized font. A horizontal navigation bar with 'User' and 'Company' buttons is present. The main form area contains six input fields with placeholder text: 'Please sign in with your email', 'Please input your name', 'Please input your password', 'Please input your age', 'Please input your gender (F/M)', and 'Please input your region'. A large blue 'Register' button is located at the bottom of the form. Below the button are two smaller links: 'Remember Me' and 'Log In'.



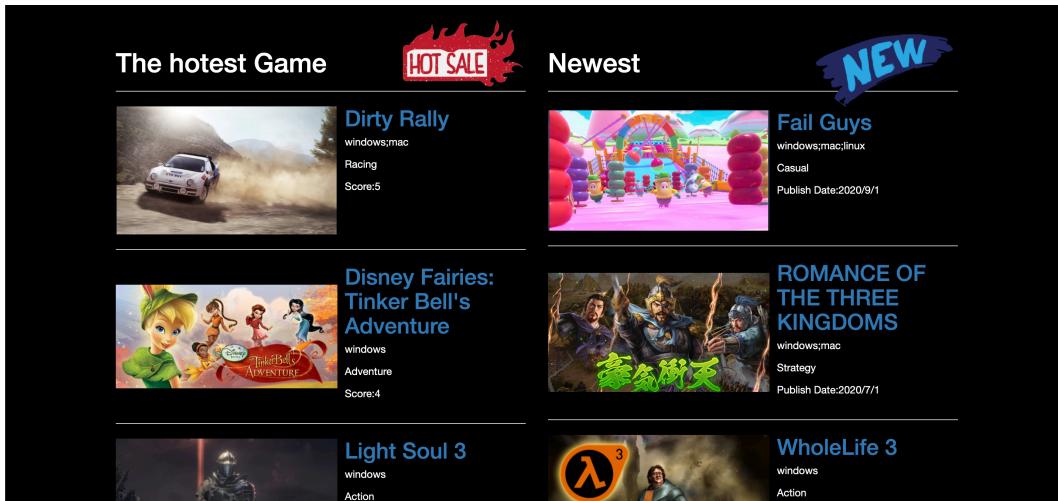
The registration form for a Company is displayed. It features the same layout as the User registration page, with the 'Company' button being the active selection. The main form area contains three input fields with placeholder text: 'Please input your company email', 'Please input your company name', and 'Please input your password'. A large blue 'Register' button is located at the bottom of the form. Below the button are two smaller links: 'Remember Me' and 'Log In'.

### b) login for user or company



### c) User Homepage

select the best 5 games and newest 5 games in this page:



#### d) Game store page

User can choose different type of games, and put games into the List like by clicking the red heart button.

Games can sort by score or 'like' number. Change two models by clicking the button in the top right corner.

## Game Store choose your game!

[Sort by score](#) [Sort by like](#)

ALL



Strategy

Dato 2

FGNB!

Score: 4

[Like 1](#)

[View](#)

Action

Adventure

Strategy



Strategy

Command & Conquer 3:  
Tiberium Wars

Score: 3

[Like 1](#)

[View](#)

Racing

Sports

Casual

Simulation



Strategy

ROMANCE OF THE THREE  
KINGDOMS

Score: 0

[Like 2](#)

[View](#)

## Game Store choose your game!

[Sort by score](#) [Sort by like](#)

ALL



Strategy

ROMANCE OF THE THREE  
KINGDOMS

Score: 0

[Like 2](#)

[View](#)

Action

Adventure

Strategy



Strategy

Dato 2

FGNB!

Score: 4

[Like 1](#)

[View](#)

Racing

Sports

Casual

Simulation



Strategy

Command & Conquer 3:  
Tiberium Wars

Score: 3

[Like 1](#)

[View](#)

click 'like'

## Game Store choose your game!

[Sort by score](#) [Sort by like](#)

ALL



Strategy

Dato 2

FGNB!

Score: 4

[Like 2](#)

[View](#)

Action

Adventure

Strategy



Strategy

Command & Conquer 3:  
Tiberium Wars

Score: 3

[Like 2](#)

[View](#)

Racing

Sports

Casual

Simulation



Strategy

ROMANCE OF THE THREE  
KINGDOMS

Score: 0

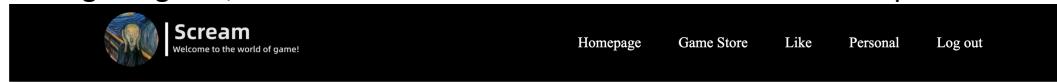
[Like 3](#)

[View](#)

click 'View' of the game title to jump to game index page

e) Game Index

In this page, user can view the information and the comment details of this game. To bug the game, user should click the coral button which show the price.



The screenshot shows the Scream game store homepage. At the top, there's a navigation bar with links for 'Homepage', 'Game Store', 'Like', 'Personal', and 'Log out'. Below the navigation bar, a game card for 'Dirty Rally' is displayed. The card features a thumbnail image of a car driving through dust, the title 'Dirty Rally', and the subtitle 'wow!'. To the right of the title are two buttons: a red one labeled '★ 5' and a yellow one labeled '¥ 25'. Below the card, there's some descriptive text: 'Type: Racing', 'Size: 45G', 'System: windows;mac', 'Publish Company: 2K', and 'Publish Date: 2018/7/1'.

## Dirty Rally wow!



Type: Racing  
Size: 45G  
System: windows;mac  
Publish Company: 2K  
Publish Date: 2018/7/1

★ 5

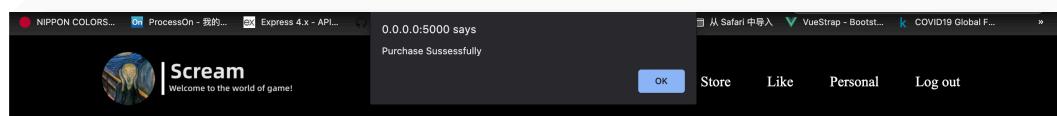
¥ 25

### Game comments



kuorky  
comment:Enjoy it!

★ 5



The screenshot shows a purchase confirmation dialog box. It displays the message 'Purchase Sucessfully' and includes a blue 'OK' button. Above the dialog, there's a header with browser tabs like 'NIPPON COLORS...', 'ProcessOn - 我的...', 'Express 4.x - API...', and 'Vuestrap - Bootstrap...'. Below the dialog, the Scream game store interface is visible, showing the same game card for 'Dirty Rally' as the previous screenshot.

## Dirty Rally wow!



Type: Racing  
Size: 45G  
System: windows;mac  
Publish Company: 2K  
Publish Date: 2018/7/1

★ 5

¥ 25

### Game comments



kuorky  
comment:Enjoy it!

★ 5

click the "company" to list all games published by this company.



The screenshot shows the Scream game store homepage again. The navigation bar at the top remains the same. Below it, a section titled '2K Company game!' is displayed. This section features a thumbnail image of a basketball player, the title 'CBA2K20', and the subtitle 'Sports'. To the right of the title are two buttons: a red one labeled '★ 1' and a yellow one labeled '¥ 20'. Below the card, there's some descriptive text: 'Type: Sports', 'Publish Date: 2019/9/1', and '3 purchased'.

## 2K Company game!



### Dirty Rally

Type: Racing  
Publish Date: 2018/7/1  
5 purchased

★ 2

¥ 25



### CBA2K20

Type: Sports  
Publish Date: 2019/9/1  
3 purchased

★ 1

¥ 20

f) User like page

The screenshot shows the Scream game store homepage with a dark header bar. On the left is the Scream logo with the tagline "Welcome to the world of game!". To the right are navigation links: "Homepage", "Game Store", "Like" (which is highlighted in blue), "Personal", and "Log out".

My Like Buy your game!



Command & Conquer 3:  
Tiberium Wars

Unlike

¥ 10

Strategy



Dato 2

Strategy

Unlike

¥ 0



ROMANCE OF THE THREE

Unlike

¥ 30

User can click the red button to “unlike” the game. Click the game title or coral button to jump to game index page for detail information.

The screenshot shows the Scream game store homepage with a dark header bar. On the left is the Scream logo with the tagline "Welcome to the world of game!". To the right are navigation links: "Homepage", "Game Store", "Like" (which is highlighted in blue), "Personal", and "Log out".

My Like Buy your game!



Dato 2

Strategy

Unlike

¥ 0



ROMANCE OF THE THREE  
KINGDOMS

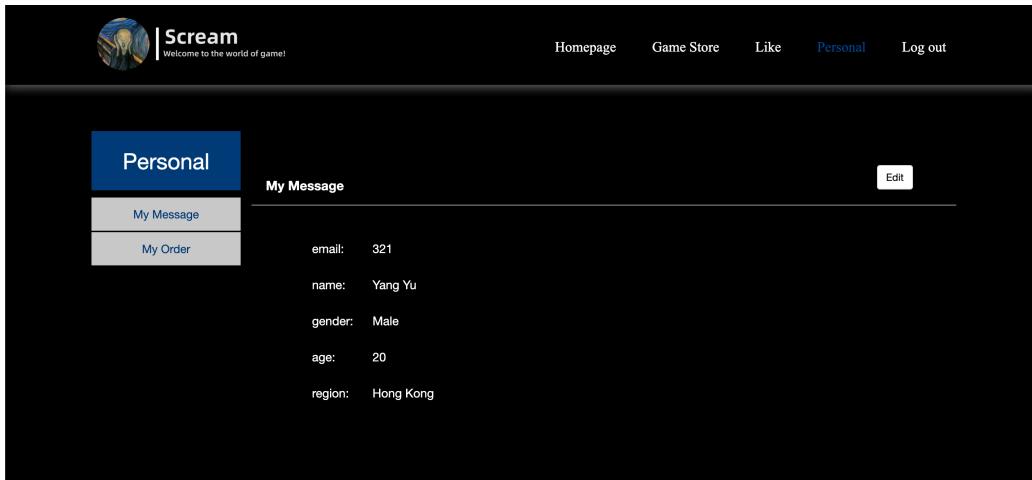
Strategy

Unlike

¥ 30

g) Personal Page

User can view my personal message and my order in this page.



User can also edit personal information through EDIT button. But 'email' can never change.

This screenshot shows the 'Personal' section with the 'Edit' button from the previous screenshot. A modal window titled 'EDIT My Message' is open, prompting the user to change their name to 'Yang Yu'. The modal includes fields for 'name', 'password', 'gender', 'age', and 'region', each with a corresponding input box. Below the modal, the user's original profile information is listed again. At the bottom of the page, the 'My Order' section is visible, showing a purchase of 'Dirty Rally' made on 2020-11-22 with a comment of 'None' and a score of 'None'.

The default settings for comment and score are both none for buyers. They could further complete their comment and score by clicking the comment button at the page "My order" in personal page, then it will be displayed at the game page.

## h) Comment page



**Scream**  
Welcome to the world of game!

Homepage Game Store Like Personal Log out

## Dirty Rally wow!



Type: Racing

Size: 45

System: windows;mac

Publish Date: 2018/7/1

♡ 2

¥ 25

Game score

5

Comment

Submit

click "submit" button to comment this game.

ivy message

My Order

email: 321  
name: Yang Yu  
gender: Male  
age: 20  
region: Hong Kong

My Order

 **Dirty Rally**  
Purchase date: 2020-11-22  
Comment: 好爽 就是好

★ 5

- i) Company index/Company personal message



**Scream**  
Welcome to the world of game!

Publish Game List Personal Log out

## My Company Be richer!

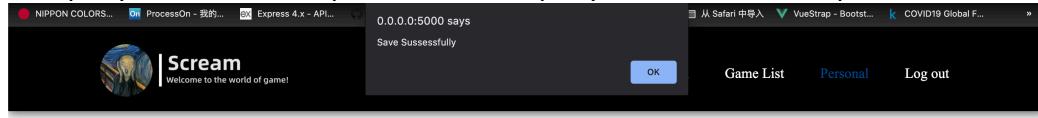


email: 3211

Edit

company name: 321

Company user can also update their company name or account password.



## My Company Be richer!



company name:  Save

password:

Designed and built with all the love in the world

## j) Publish new game



### Publish Now make your game!

Game name

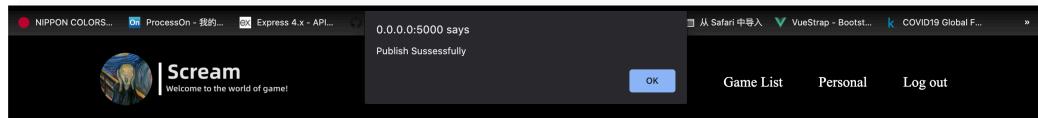
Game type

Price

Indeed system  windows  mac  linux

Game size (G)

Submit



### Publish Now make your game!

Game name

Game type

Price

Indeed system  windows  mac  linux

Game size (G)

Submit

After the success publication, the page will jump to the company game list page.

### k) Company game list

The screenshot shows a game store interface. At the top, there's a navigation bar with a logo (a stylized face), the word "Scream", and the tagline "Welcome to the world of game!". The navigation links include "Publish", "Game List" (which is highlighted in blue), "Personal", and "Log out". Below the navigation bar, the main content area features a section titled "The Hottest game" with the subtitle "wow!". It displays a thumbnail image of the game "5003", which is a copy of Edvard Munch's "The Scream". To the right of the thumbnail, the game title "5003" is shown in large blue text, followed by "Type: Adventure", "Publish Date: 2020/11/22", and "Price: 100". Below these details are three buttons: a red one with a star icon and "0", a pink one with a heart icon and "0", and an orange one with a yen symbol and "0".

### More purchase wow!

this page will show all the games published by this company.

The screenshot shows a list of games published by the company. At the top, there's a header "All Publish" with the subtitle "wow!" and two sorting options: "Sort by score" (blue button) and "Sort by like" (green button). Below the header, there are three game entries, each with a thumbnail image, the game title, its type, publish date, and price, along with three rating buttons (star, heart, yen).

Thumbnail	Title	Type	Publish Date	Price	Rating	Likes	Yen
	Dato 2	Strategy	2014/6/1	0	☆ 4	2	3
	WholeLife 3	Action	2020/5/1	5	☆ 3	2	2
	GTB 5	Adventure	2015/5/1	18	☆ 3	2	3

Meanwhile, page will mark the best game of highest score commented by buyers.



The Hottest game wow!



Dato 2

Type: Strategy  
Publish Date: 2014/6/1  
Price: 0

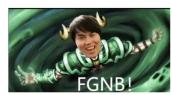
☆ 4

♡ 2

¥ 3

Most people purchased and “like” game can also show in this tab.

More purchase wow!



Dato 2

Type: Strategy  
Publish Date: 2014/6/1  
Price: 0

☆ 4

♡ 2

¥ 3



GTB 5

Type: Adventure  
Publish Date: 2015/5/1  
Price: 18

☆ 3

♡ 2

¥ 3

Most likely wow!



ROMANCE OF THE THREE KINGDOMS

Type: Strategy  
Publish Date: 2020/7/1  
Price: 30

☆ 0

♡ 3

¥ 0

I) company game index

## Dato 2 wow!



Type: Strategy  
Size: 15  
System: windows;mac;linux  
Publish Date: 2014/6/1

¥ 0

### Game comments



abandon  
comment:Seems ok.

★ 4



brook  
comment:Wow!

★ 5



kuorky

★ 3

Company view the detail comments and score of buyers.