Member	Use Case
姜睿宇	活动日历
蒋子仪	模拟抽卡
陈经纬	百科图鉴
潘义	游戏资讯
苏建锐	论坛

一、陈经纬

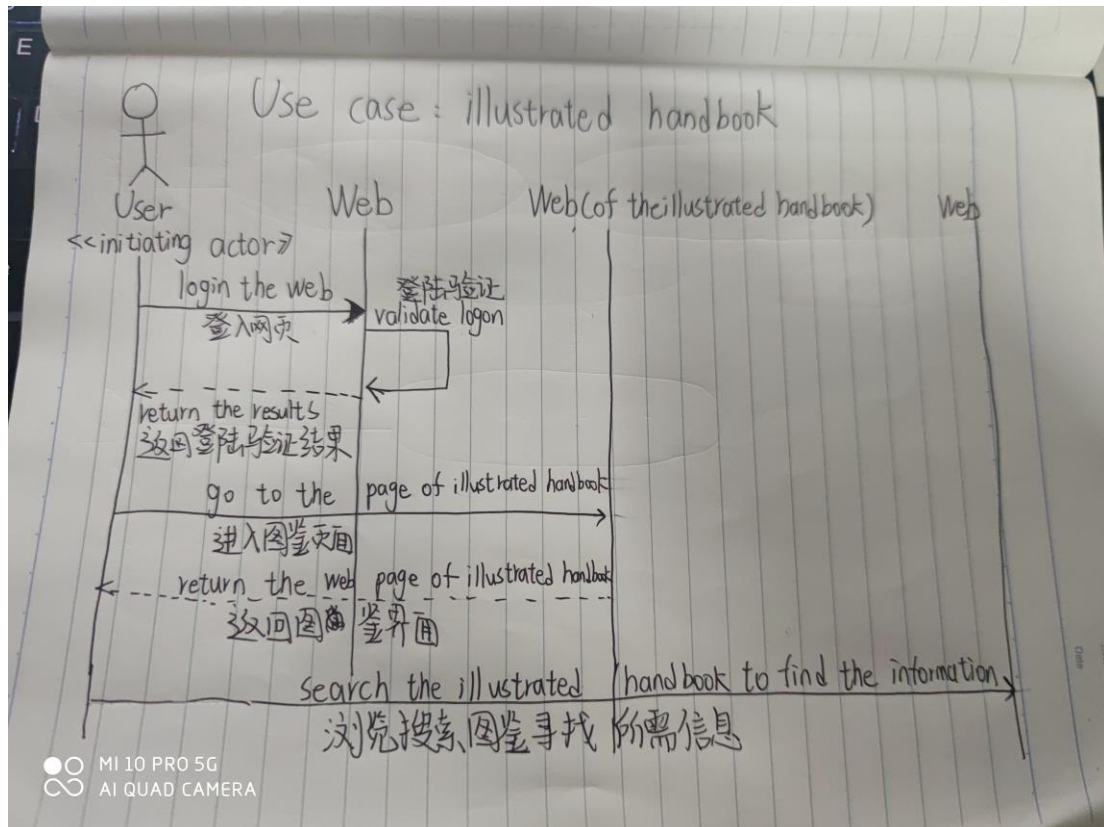(1) use case diagram
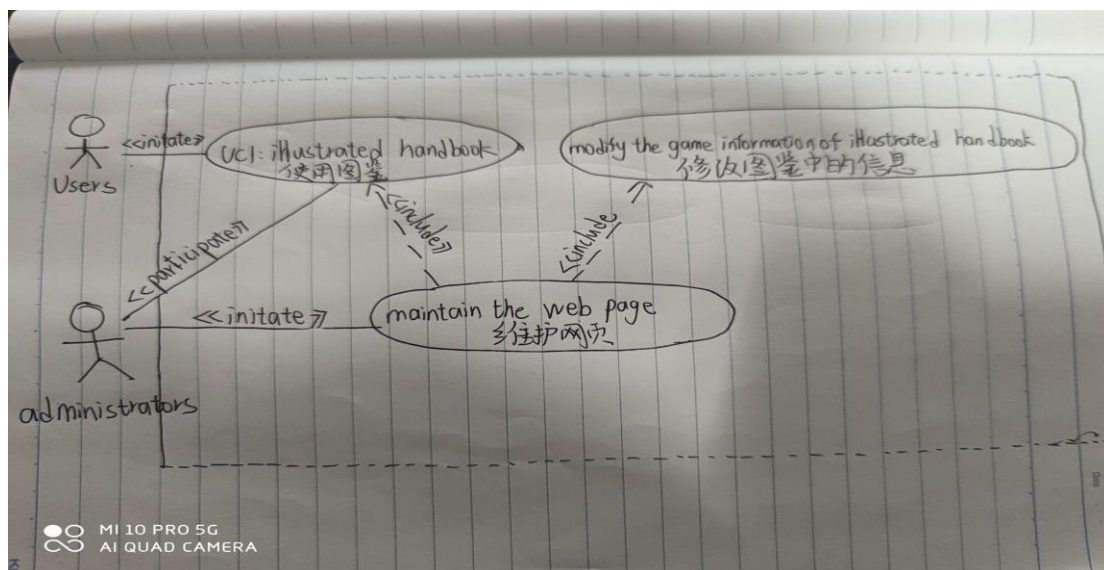
(2) use case schema

Use Case UC-1: illustrated handbook

Related Requirements:	REQ1: User can login to the web. REQ2: Administrators maintain the web. (such as add information……)
Initiating Actor:	User
Actor's Goal:	To display game information with illustrated handbooks User can use the illustrated handbook to find the game information they need
Participating Actors:	Web, database, Administrators
Preconditions:	Administrators add information to the web page of illustrated handbook User can use the web without occurring some errors

| Postconditions:		Game information are added to illustrated handbook.
		User can use the illustrated handbook to find the game information they need
Flow of Events for Main Success Scenario:		
→	1	Administrators add information to the web page of illustrated handbook
→	2	User login to the web
→	3	User go to the web page of illustrated handbook
←	4	The web page of illustrated handbook displays the game information.
→	5	User search the illustrated handbook to find the game information they need.

(3) acceptance test

Test-case Identifier: TC-1	
Use Case Tested: UC-1, main success scenario	
Pass/fail Criteria: Users can use the illustrated handbook to find the game information they need without occurring some errors.	
Input Data: game information in illustrated handbook, User information	
Test Procedure:	Expected Result:
Step 1. User login and go to the web page of illustrated handbook.	The web page of illustrated handbook displays the game information and users search the illustrated handbook to find the game information they need.
Step 2. User login and go to the web page of illustrated handbook.	The web page of illustrated handbook occurs some errors and can't displays the game information. Users can't search the illustrated handbook to find the game information they need.

(4) system sequence diagram
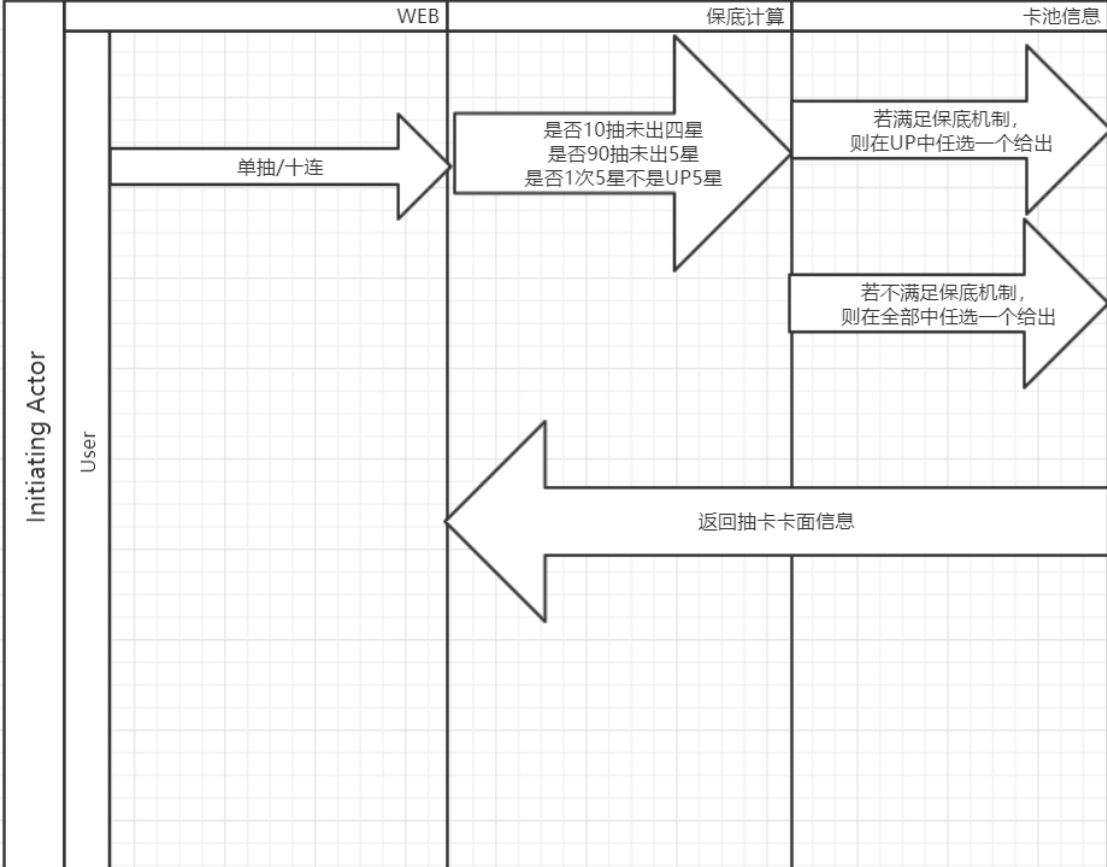
二、蒋子仪

(1) use case diagram
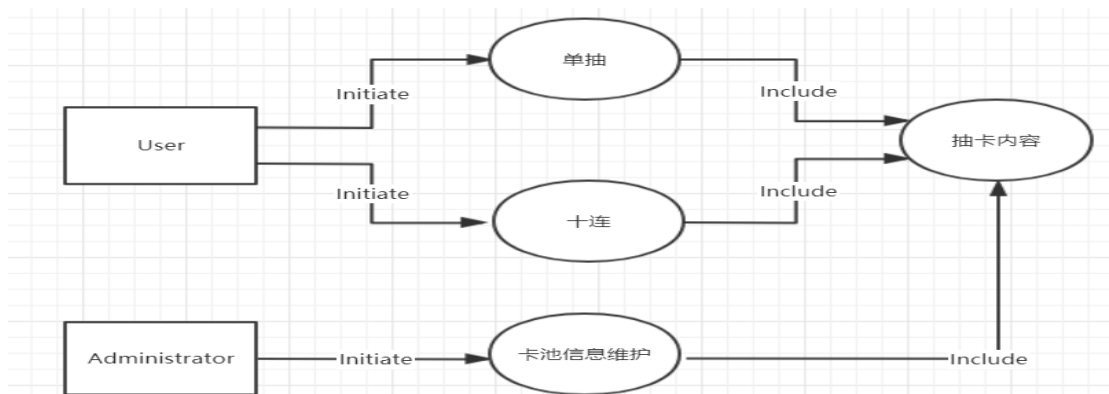
(2) use case schema

Use Case UC-2	Simulation of Supplication
Related Requirements	模拟抽卡
Initiating Actor	User
Actor's Goal	模拟抽卡
Participating Actors	Web Database
Preconditions	当期卡池信息已经录入

Postconditions	模拟抽卡结果显示
Flow of Events for Main Success Scenario	→1.Administrator 更新当期卡池信息
	→2.User 点击"单抽"或者"十连"
	←3.Web 显示模拟抽卡结果

(3) acceptance test

Test-case Identifier	TC-2
Use Case Tested	UC-2
Pass/Fail Criteria	每 90 次必由 1 个 5 星，
	每 2 次五星必由 1 个 UP5 星。
	每 10 次必有 1 个 4 星，
	每 2 次 4 星必有 1 个 UP4 星。
Input Data	当期卡池信息
Test Procedure	Expected Result
1. 单抽	1. 出 5 星或者 4 星或者 3 星
2. 十连	2. 必有至少 1 个 4 星
3. 抽 90 次	3. 必有至少 1 个 5 星
4. 抽 180 次	4. 必有至少 1 个 UP5 星

(4) system sequence diagram

Initiating Actor

User

WEB

保底计算

卡池信息

单抽/十连

是否10抽未出四星
是否90抽未出5星
是否1次5星不是UP5星

若满足保底机制，
则在UP中任选一个给出

若不满足保底机制，
则在全部中任选一个给出

返回抽卡卡面信息

三、姜睿宇

(1) use case diagram
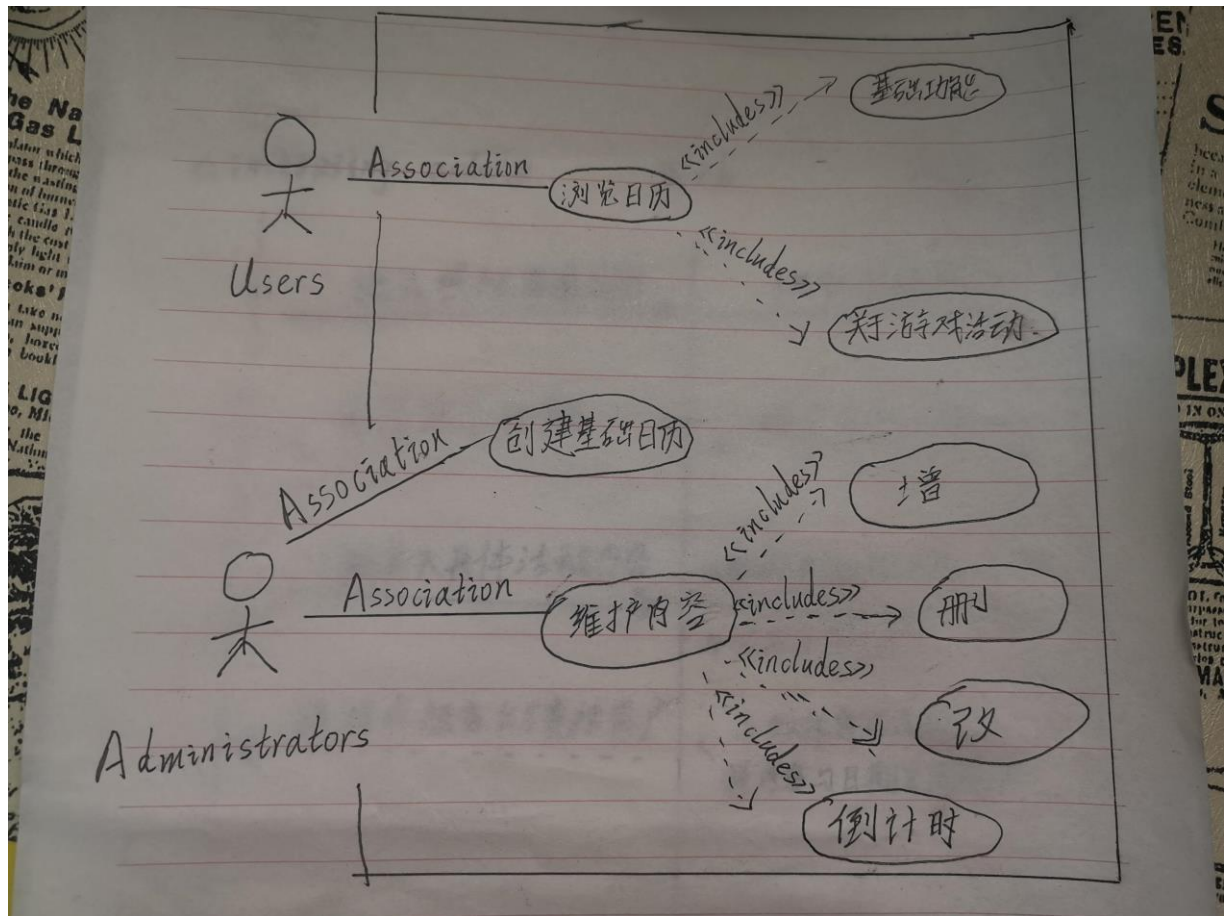
(2) use case schema

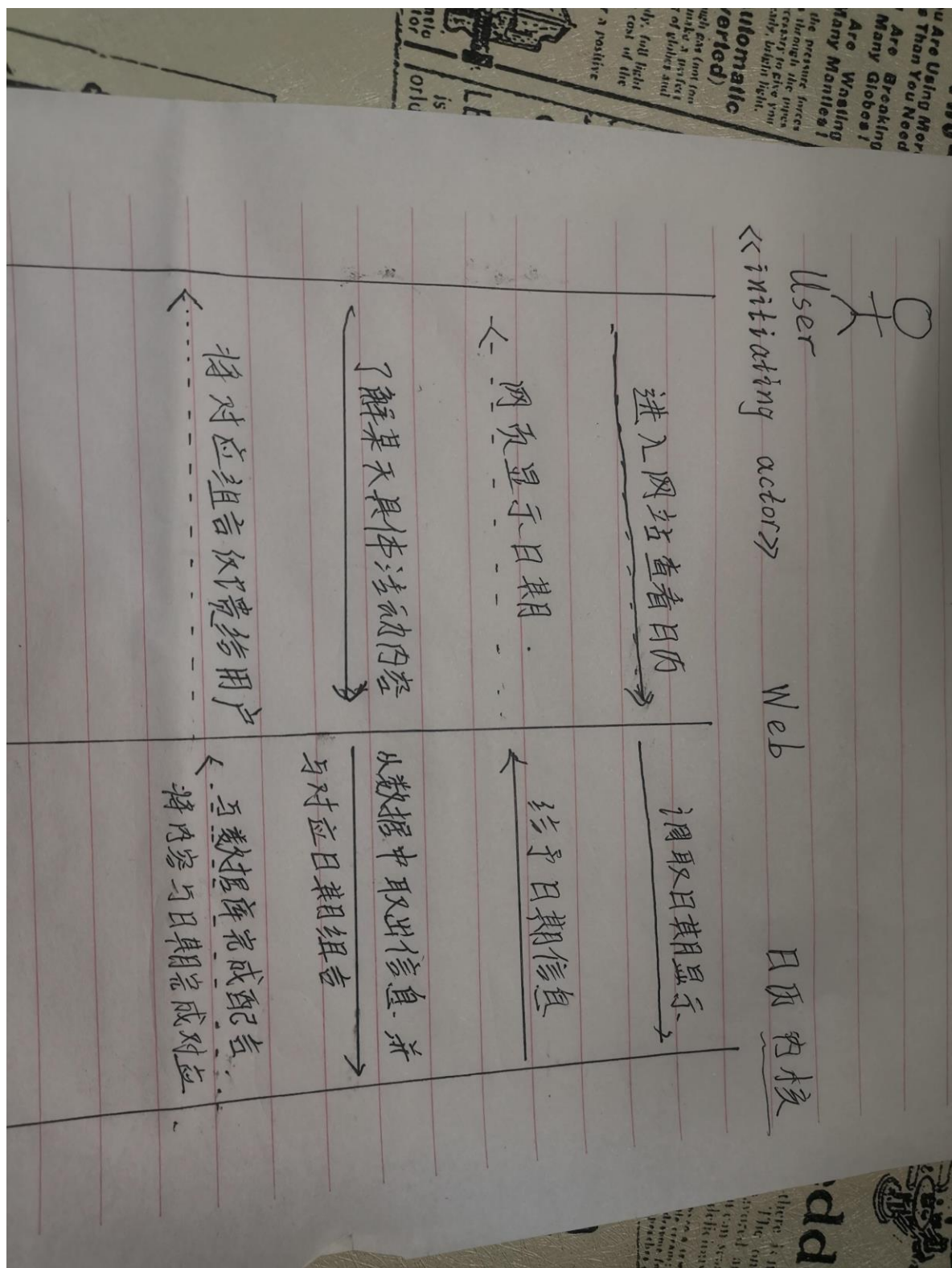# Use Case 3:
Calendar of events

Use Case UC-3:	Calendar of events
Related Requirem'ts:	a basic function of calendar; giving players a tip of daily events of the game
Initiating Actor:	Users
Actor's Goal:	To remind players not to miss game activities.
Participating Actors:	Database, administrator, calendar
Preconditions:	1.The most basic calendar function can work normally 2.The administrator can add event content to the specified date
Postconditions:	when the added action is done, the system must be able to display normally

Flow of Events for Main Success Scenario:

→1.The administrator creates a common calendar component.
→2. The administrator manually adds event content to specified days.
→3.Users log in the website then they can browse the events of the game.
←4.Users can be reminded and finish their tasks in time so that they won't miss the rewards.

(3) acceptance test

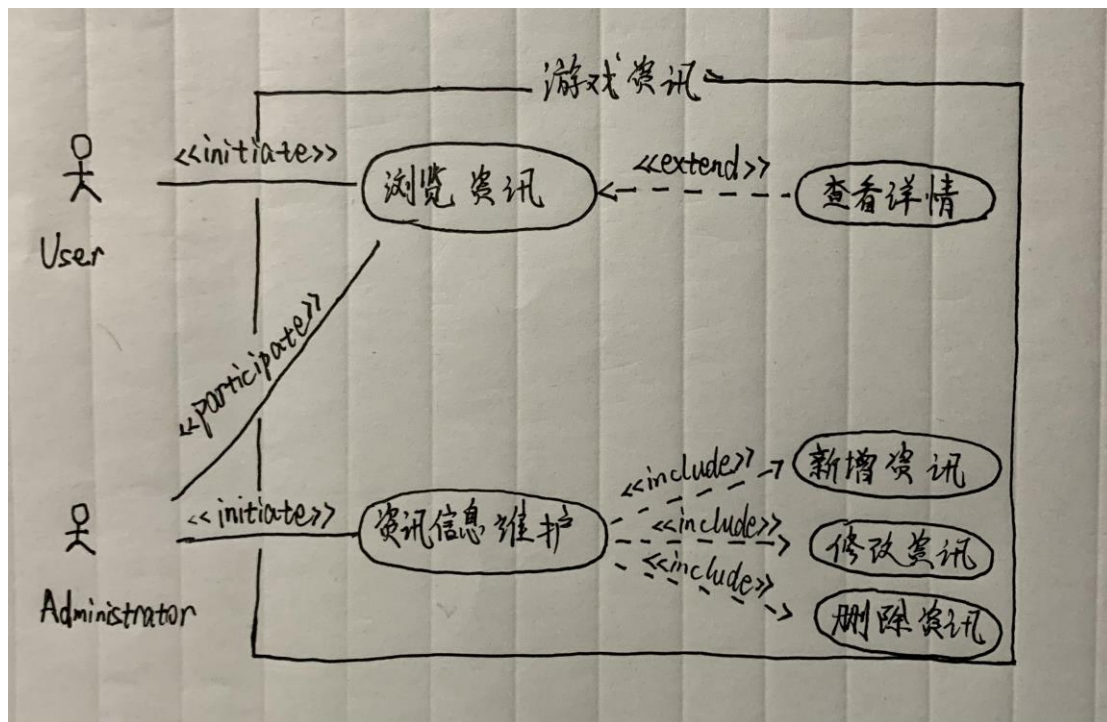# Acceptance Test Case for
UC-3 Calendar of events

Test-case Identifier:	TC-3
Use Case Tested:	UC-3, main success scenario

Pass/fail Criteria: Users can browse the events of the game in the calendar systems without any mistakes(such as an error occurred in the countdown)

Input Data: the events of the game

Test Procedure:	Expected Result:
1. Test whether the basic functions of the calendar are normal	1.The basic function of the calendar is malfunctioning, it can't display the date normally
2. Check whether the administrator can edit the content normally	2. An error occurred when the administrator added contents.
3. Check the countdown function is normal or not	3. After the add operation is executed, the content is not displayed correctly
	4.Although time goes by, the countdown stops.

(4) system sequence diagram

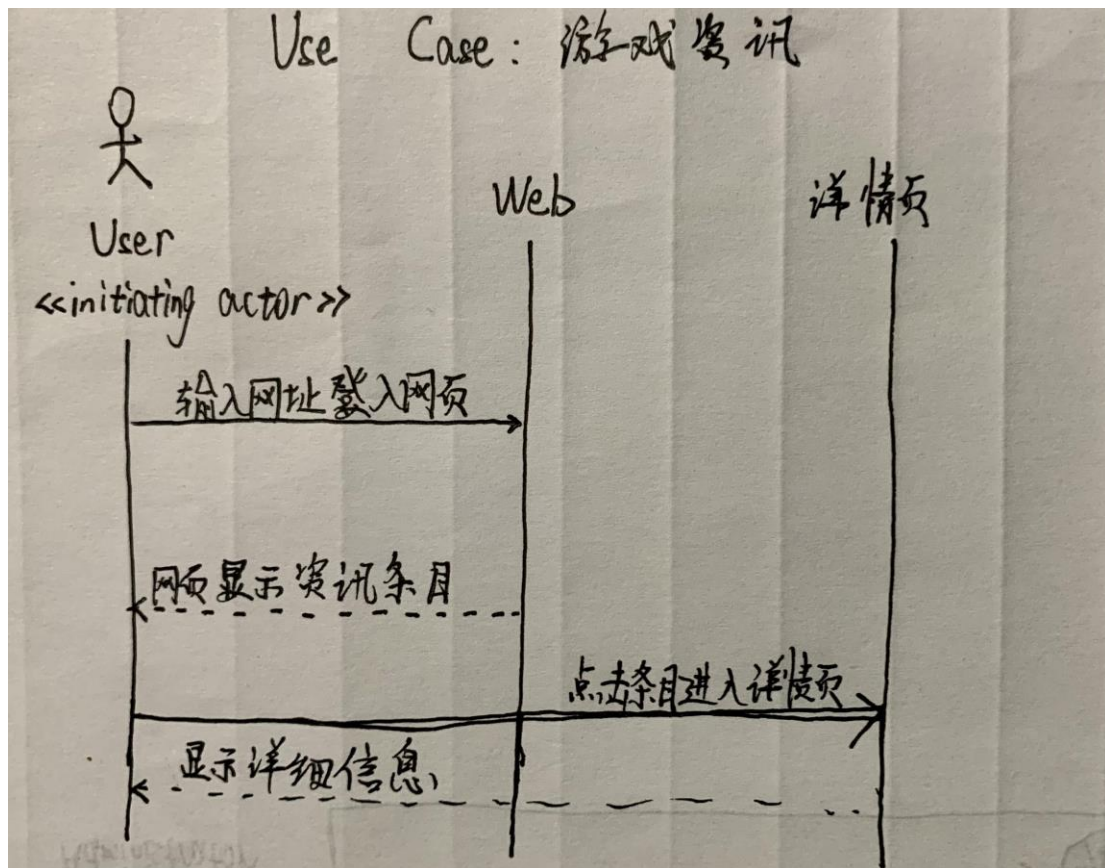User «initiating actor»　　　Web　　　日历内核

进入网站查看日历 →

调取日期显示 →

← 阅览显示日期

← 返予日期信息

选择某天具体活动内容 →

从数据库中取出信息. 并与对应日期组合 →

将内容与日期组合成对应 ←

将对应组合反馈给用户 ←

四、潘义

(1) use case diagram

(2) use case schema

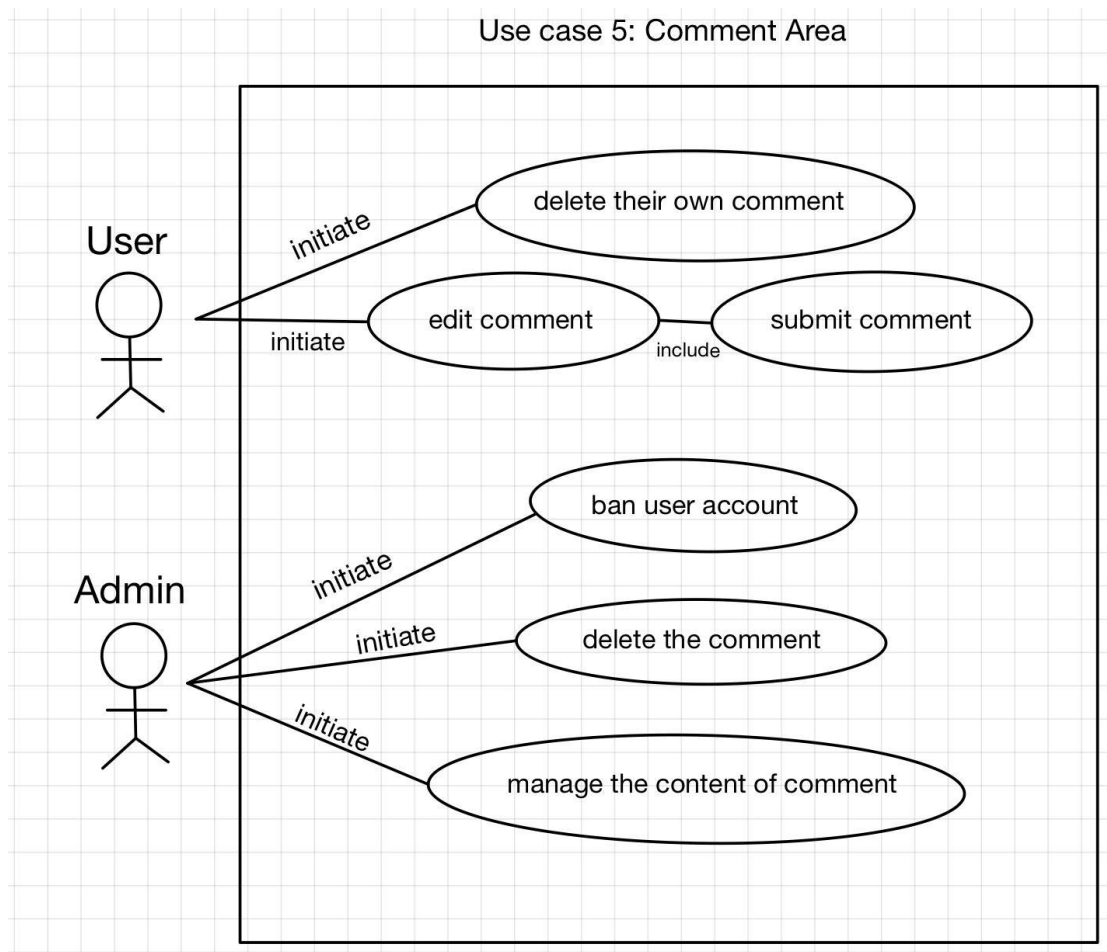| Use Case UC-4	游戏资讯
Related Requirements	REQ1:User 查看游戏资讯
	REQ2:Administrator 维护游戏资讯信息
Initiating Actor	User
Actor's Goal	查看游戏资讯
Participating Actors	Administrator,Web,Database
Preconditions	User 还未获取游戏资讯
Postconditions	User 已获取游戏资讯
Flow of Events for Main Success Scenario	->1.User 打开 Web 浏览资讯
	->2.User 点击资讯进入详情页查看
	<-3.Web 为用户提供游戏资讯

(3) acceptance test

Test-case Identifier	TC-4
Use Case Tested	UC-4
Pass/Fail Criteria	User 能够顺利在 Web 里看到资讯并能够点击进入详情页面
Input Data	Web 网址
Test Procedure	Expected Result
step1.在浏览器中输入网址并跳转	成功登陆进入网页并浏览到资讯条目
step2.在浏览器中输入网址并跳转	网页崩溃、网络连接中断、资讯出错无法显示等错误发生

(4) system sequence diagram
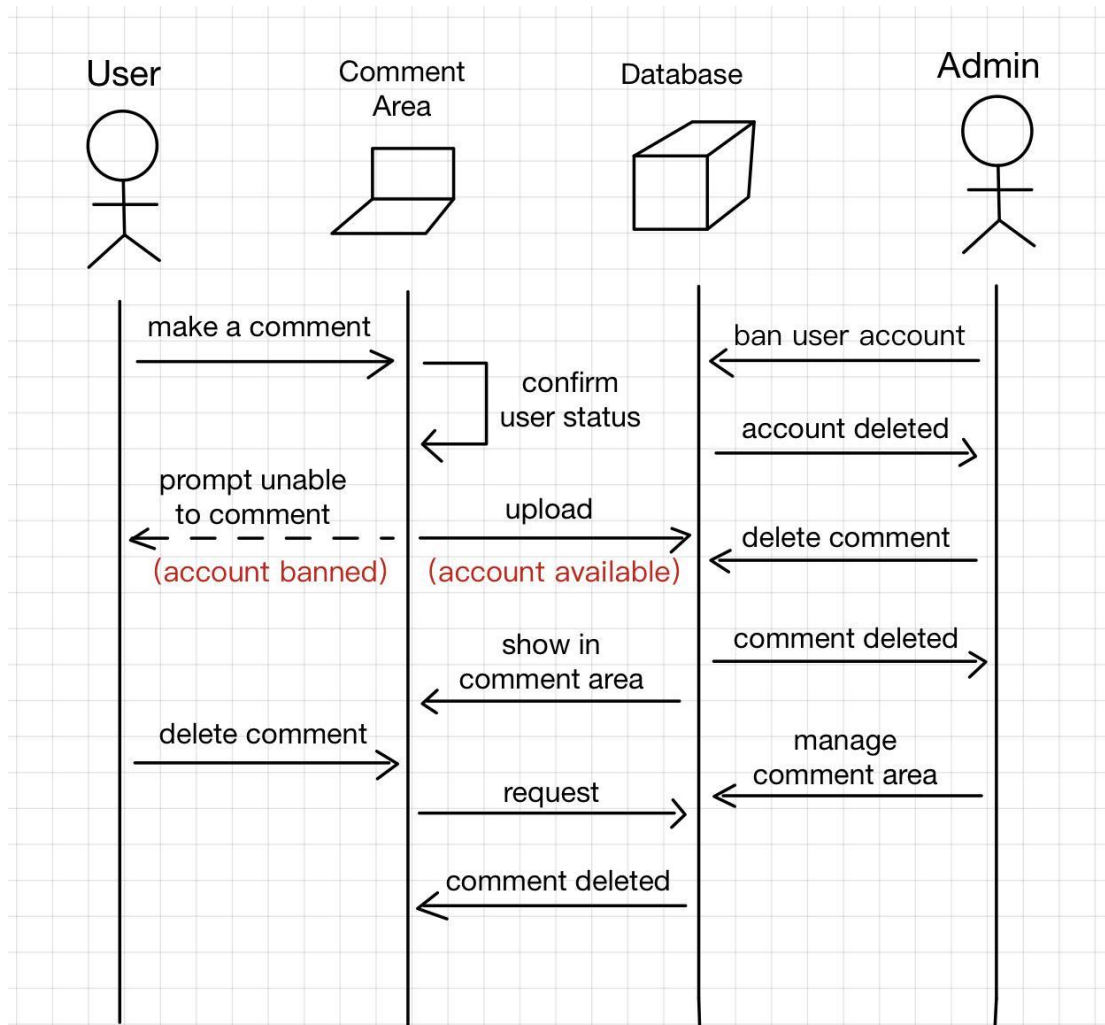
五、苏建锐

(1) use case diagram

Use case 5: Comment Area

(2) use case schema

Use Case UC-5	Comment Area
Related Requirements	Text box for entering comments, Ability to submit comments, Comments sorted by time/hotness, etc.
Initiating Actor	Users, Administrator
Actor's Goal	**Users**: using the comment area to submit comments; **Administrator**: Manage the content of comment, delete the comment, Disable the comment function of the account, ect.
Participating Actors	Users, Administrator,Database
Preconditions	Comment area & Submit button
Postconditions	Mutiple comments in list form
Flow of Events for Main Success Scenario	

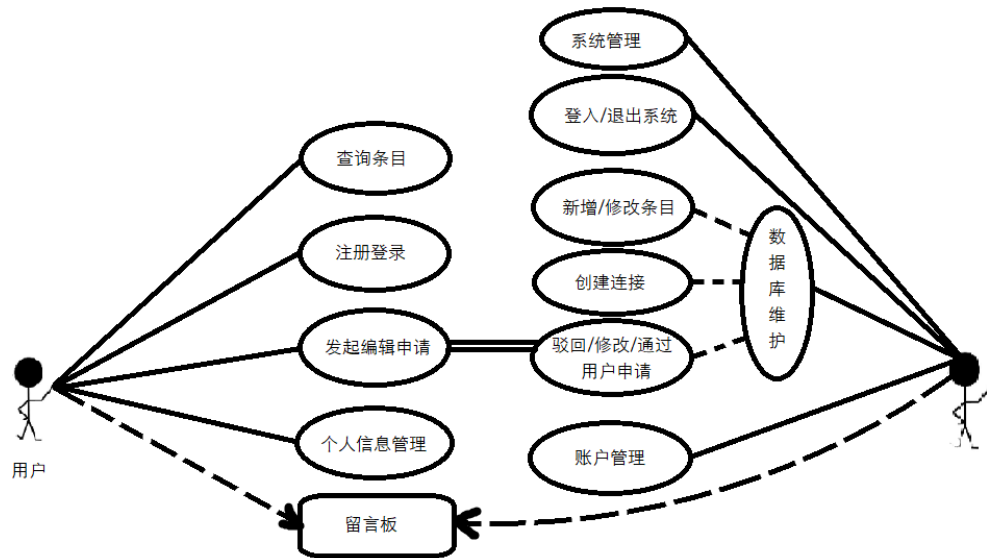| →	1. User enter a comment in the text box and click submit buttom
←	2. Comment request was sent to database, showing in the comment area
←	3. User can see their comment in the area.

(3) acceptance test

Test-case Identifier	TC-5
Use Case Tested	UC-5
Pass/Fail Criteria	Pass: User can sucessfully use a the comment funtion. & Admin can use their oermissions Fail: On the comtrary.
Input Data	Some User accounts and a admin account, using comment area.
Test Procedure	**Expected Result**
Step 1: user account using the comment area to edit comments and submit.	user account can see their comment in the area, and also the others.
Step 2: Using Admin account to ban the user account.	the banned user account can not using the somment funtion.
Step 3: Using admin account to delete the comment.	Deleted comments will no longer appear in the comments area.

(4) system sequence diagram

六、张培洋

(1) use case diagram

(2) use case schema

Use Case UC-6	Query search
Related Requirements	DB, web ,search engine
Initiating Actor	Text editing within web pages area Submission records for audit use Database management
Actor's Goal	Users : query the contents of the wiki and submit requests for changes Administrators: edit he contents of the wiki and review applications submitted by users
Participating Actors	user account&user admin,DB
Preconditions	Text editor& submit button
Postconditions	Mutiple comments in list form
Flow of Events for Main Success Scenario	
→	1.User can search for wiki pages associated with the keywords
→	2.User can submit changes to the wiki interface
←	3.The administrator can see the application and act on it

(3) acceptance test

Test-case Identifier	TC-6

Use Case Tested	UC-6
Pass/Fail Criteria	Pass:Users can query the contents of the wiki and related interfaces correctly, and administrators can change the contents of the wiki correctly Fail: On the comtrary.
Input Data	Query key for searching
Test Procedure	Expected Result
step1:user account enters the search keywords and retrieves them	wiki page displays the relevant content
step2:user admin modifies the contents of an entry	The contents of this entry are modified correctly and saved
step3:user account submits the modification request, which is reviewed by the administrator	The administrator reviews the actions and the results are reflected correctly

(4) system sequence diagram

用户　　　　　　　査询界面　　　　　web端口　　　　　数据库

输入查询关键词

非法输入　　　　　预处理

传递调用

查询条目

返回条目

合并记录　　　　　更新访问记录

返回搜索结果

显示结果内容

用户　　　　　　　査询界面　　　　　web端口　　　　　数据库

输入查询关键词

非法输入　　　　　预处理

传递调用