COMP3207 Coursework 1 Part 2 Test Report

1st Semester Academic year 2024/2025

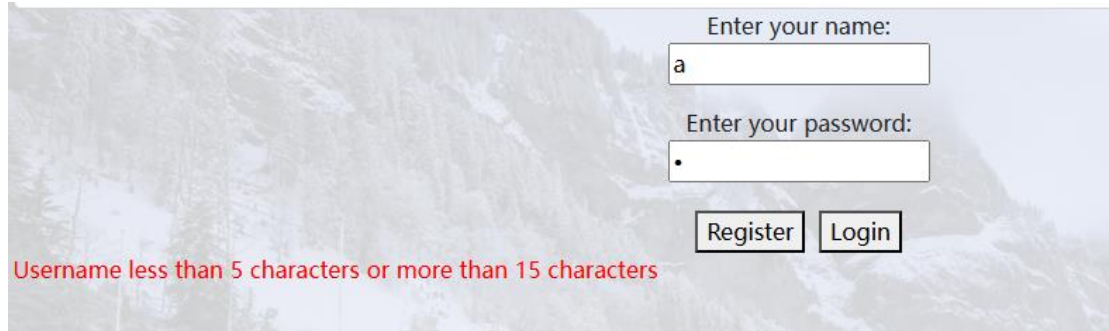**Name:**Yajie **mao**

Summary

	Test Case	Pass	Fail
1	Registration and Login	Pass	-
1.1	A user cant register with invalid username or password	Pass	
1.2	A user can register	Pass	
1.3	A user cant register as an existing user	Pass	
1.4	A user can successfully login	Pass	
1.5	A user cant successfully login with the wrong password	Pass	
2	Game Start up	Pass	-
2.1	The display shows waiting for players and the url	Pass	
2.2	The admin player can join	Pass	
2.3	A game can begin after 3 people have joined	Pass	
2.4	The admin can start the game	Pass	
2.5	Users joining after the game has started become audience members	Pass	
2.6	A player can submit a prompt at anytime a game is running	Pass	
2.7	An audience member can submit a prompt at anytime a game is running	Pass	
3	Game round	-Pass	-
3.1	Submits answers for one or more prompts	Pass	
3.2	Players vote on best answer for a number of prompts but not their own	Pass	
3.3	Audience votes on best answer for the prompts in the round	Pass	
3.4	Result are shown for each prompt, answer and its votes	Pass	
3.5	Round scores are correct	Pass	
3.6	Final score table and advance to next round	Pass	
3.7	Two more rounds are played	Pass	
3.8	After 3 rounds show the final scores	Pass	
4	9th player audience	Pass -	-
4.1	A 9th player joins the audience	Pass	
5	50% prompts	-Pass	-
5.1	50% of the game prompts should be from prompts entered by players / audience	Pass	
6.	4 Players	Pass -	-
6.1	4 Players can play the came correctly	Pass	

Evidence

1. Registration and Login

1.1. A user cant register with invalid username or password

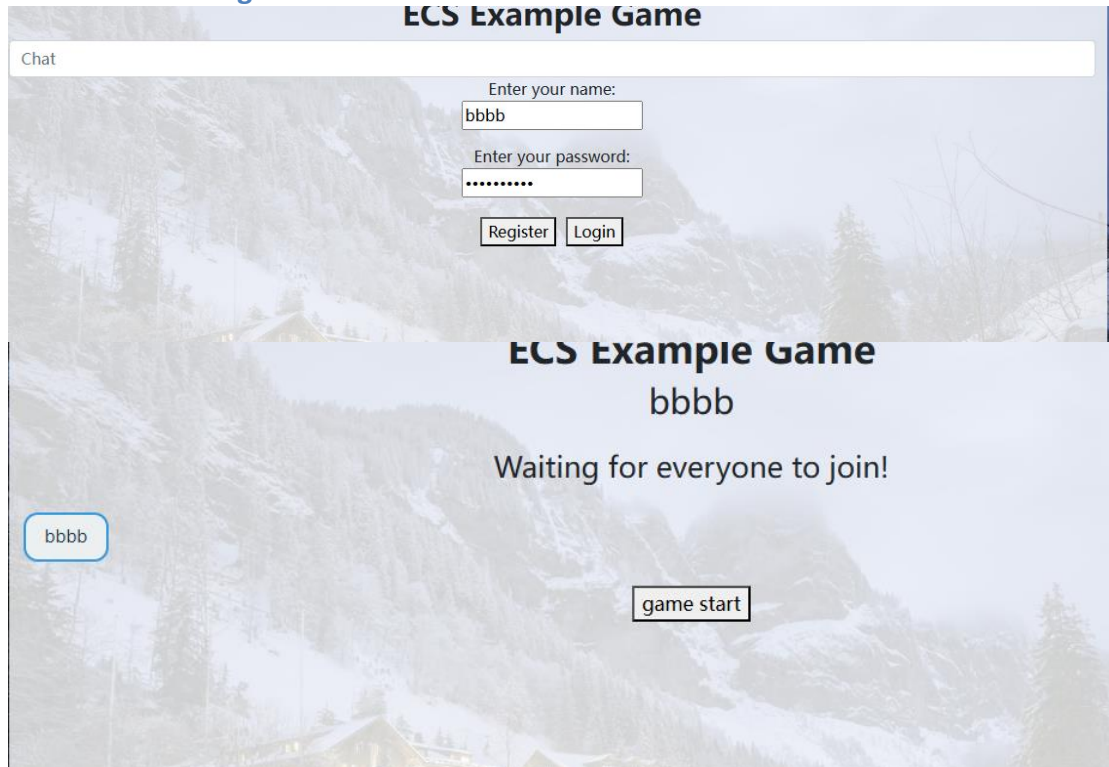

1.2. A user can register

When register with user "bbbb" and password "bbbbbbbbbb", it's registered and go to the next step

```
New connection
Register event with {"username":"bbbb","password":"bbbbbbbbb"}
username : bbbb password : bbbbbbbbb
Sending request: {
    endpoint: 'http://localhost:8181/player/register',
    username: 'bbbb',
    password: 'bbbbbbbbb'
}
response is: OK
Register message is: OK
username is:  bbbb
players.length:  0
!players.includes(username) true
!audience.includes(username) true
currentStage is:  Auth
```

In the log, response is ok, means register successfully.
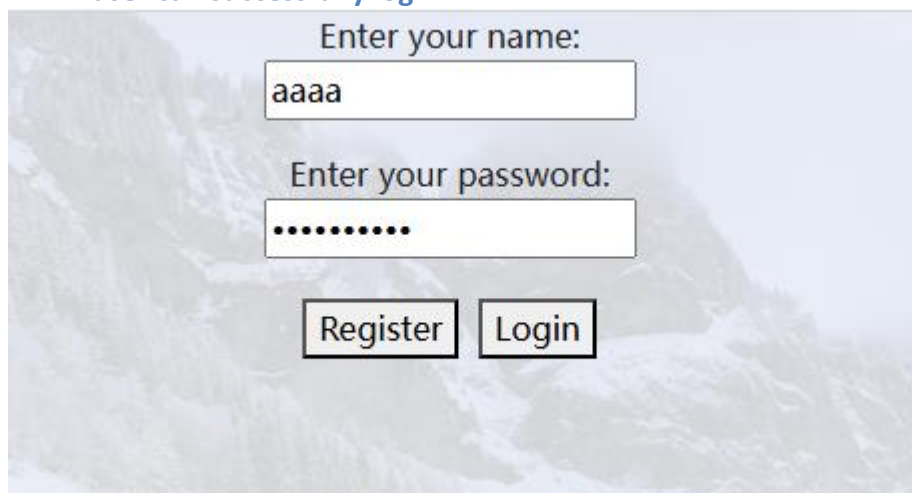
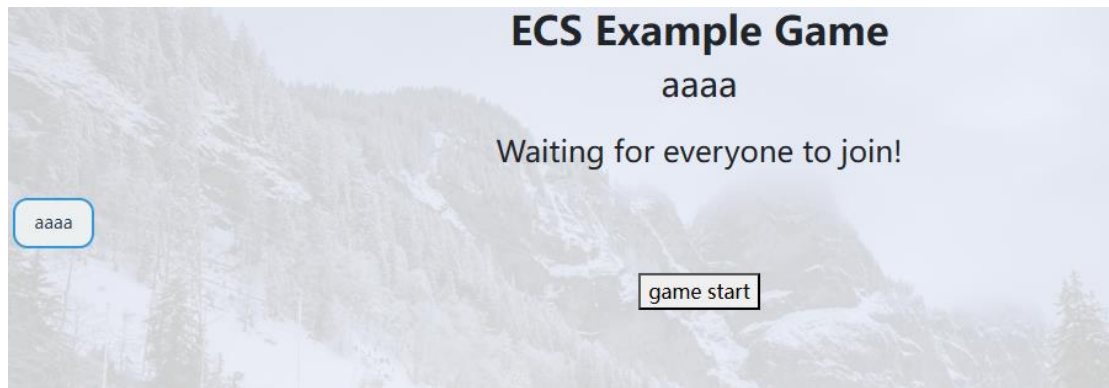## 1.3. A user cant register as an existing user

1.4. A user can successfully login

It login successfully and go to the next stage

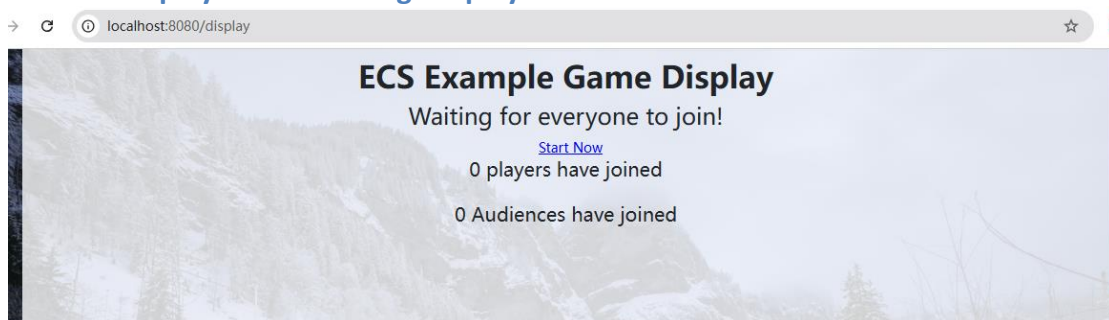In the log, Login message is "OK", means login successfully

1.5. A user cant successfully login with the wrong password
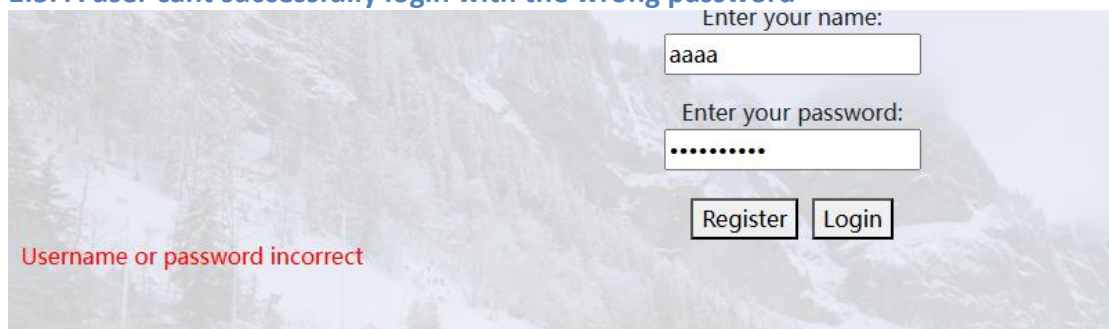
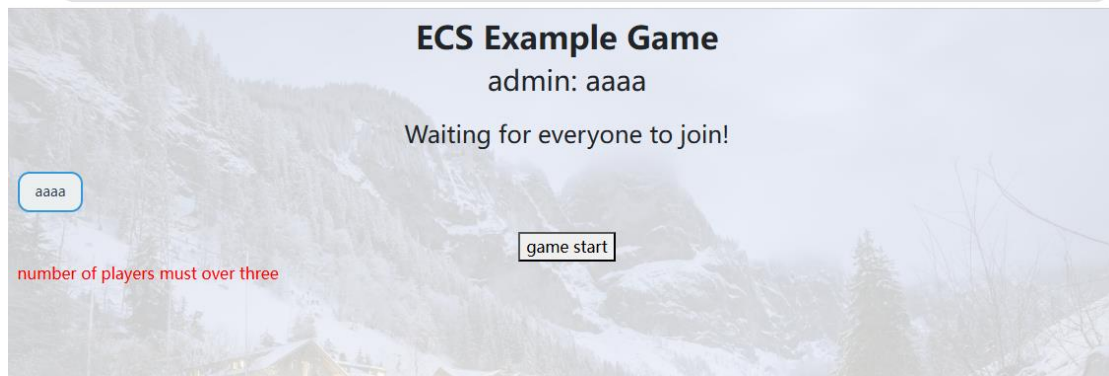
2. Game Start Up

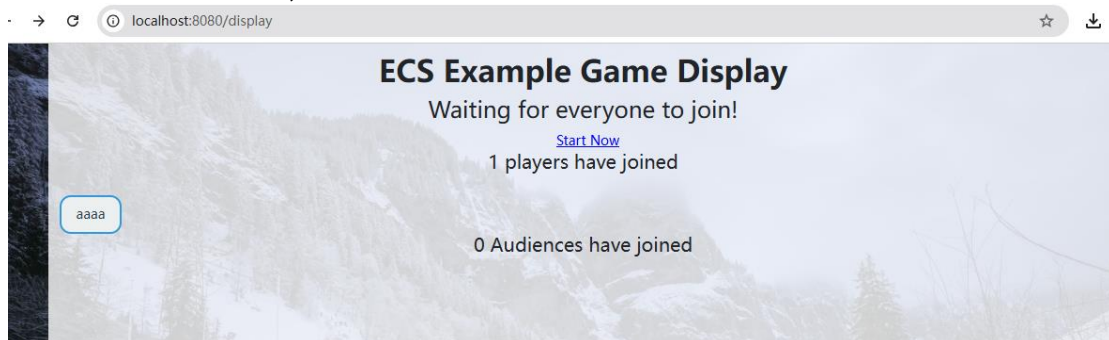### 2.1. The display shows waiting for players and the url

After click the Start Now with link, it will go to the interactive screen

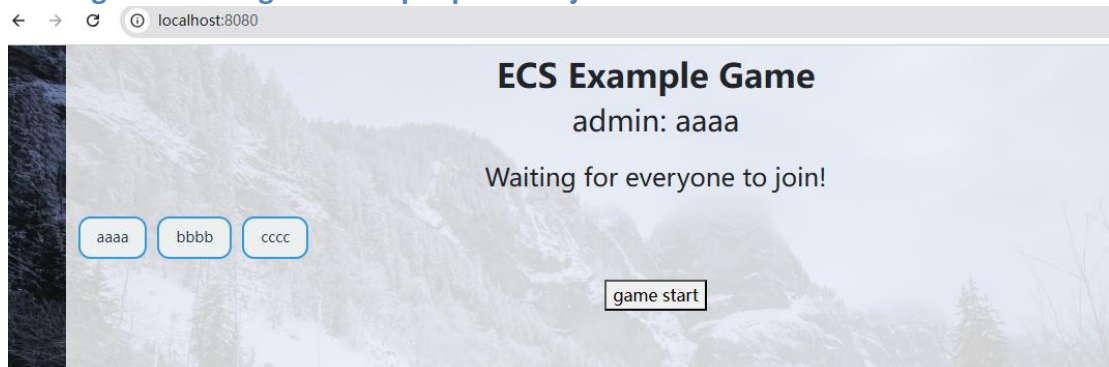## 2.2. The admin player can join

The first user is aaaa, who is shown as the admin

In the display screen, shows one player is joined

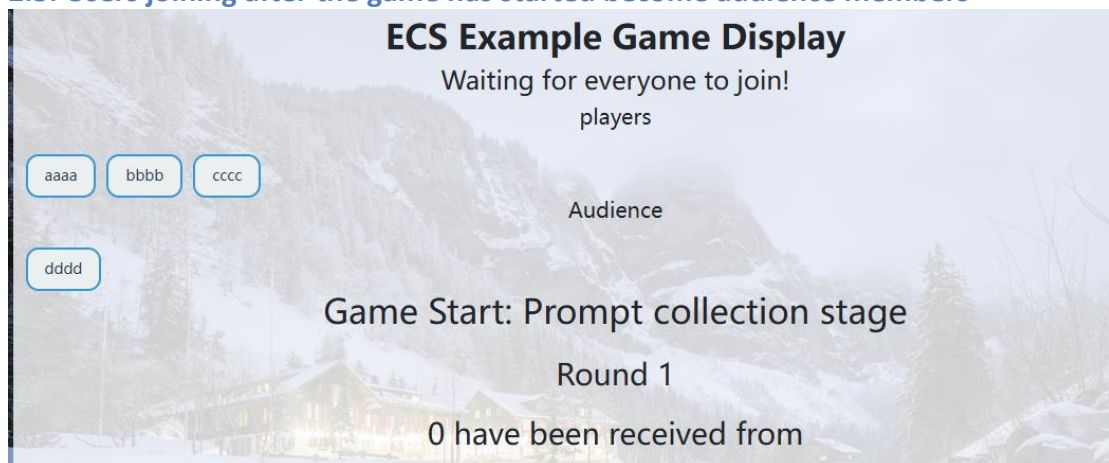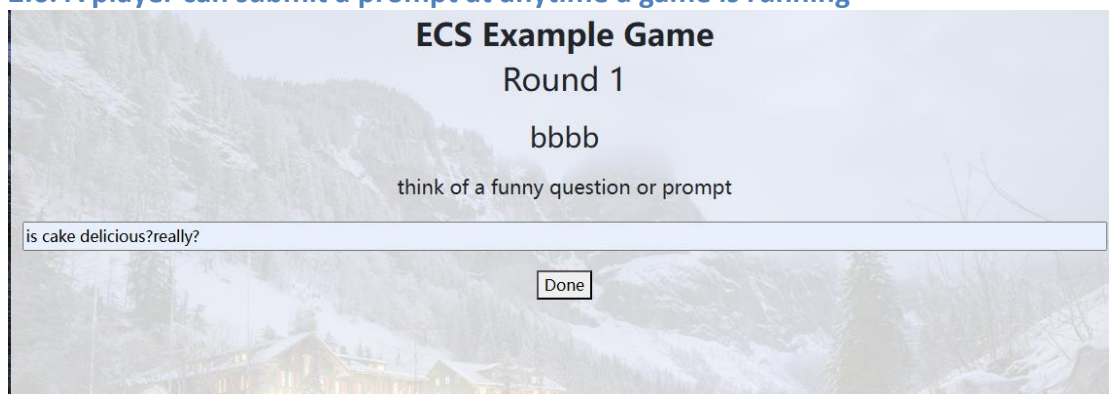## 2.3. A game can begin after 3 people have joined

2.4. The admin can start the game

2.5. Users joining after the game has started become audience members

2.6. A player can submit a prompt at anytime a game is running

ECS Example Game Display

Waiting for everyone to join!

players

| aaaa | bbbb | cccc |

Audience

Game Start: Prompt collection stage

Round 1

1 have been received from

bbbb

ECS Example Game

Round 1

Answers stage

aaaa

is candy sweet? sure it is!

aaaa

Done

submit prompt

think of a funny question or prompt

Done

start to vote

In addition, at any time of the game like answer stage, when clicking on the submit prompt button, the text input will appeal and used to submit the prompts.

2.7. An audience member can submit a prompt at anytime a game is running

ECS Example Game

Round 1

dddd

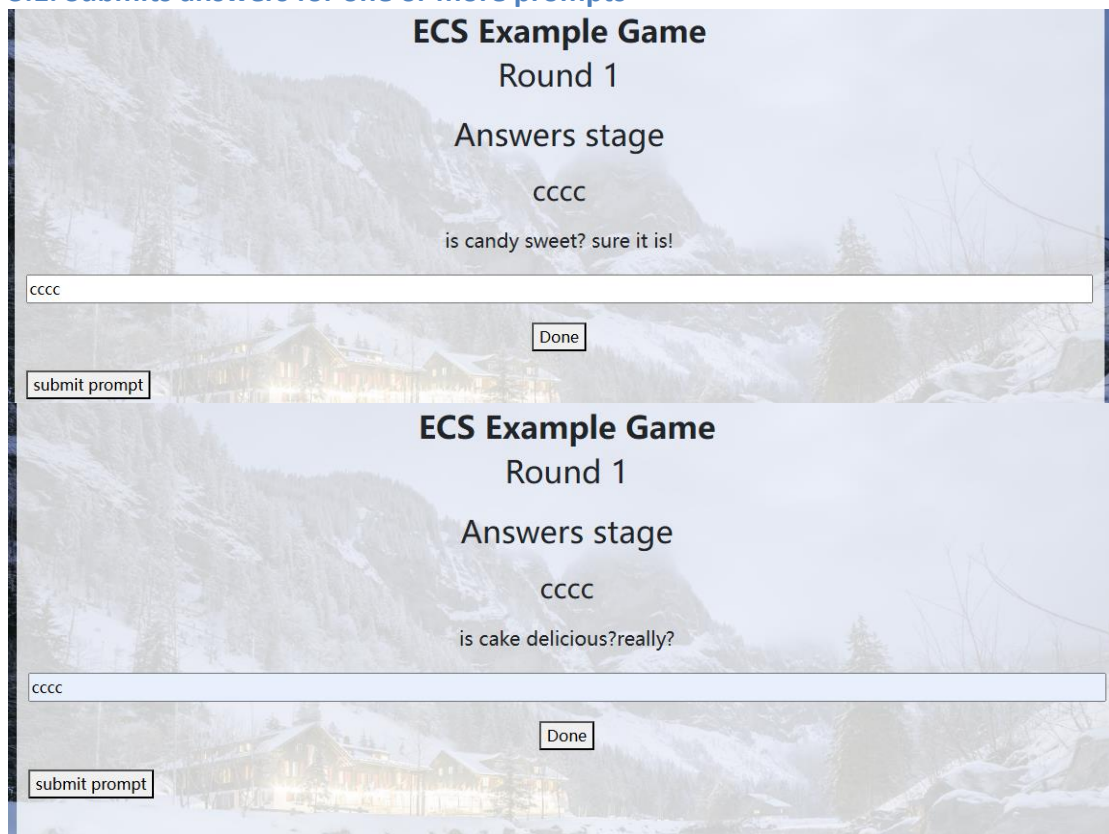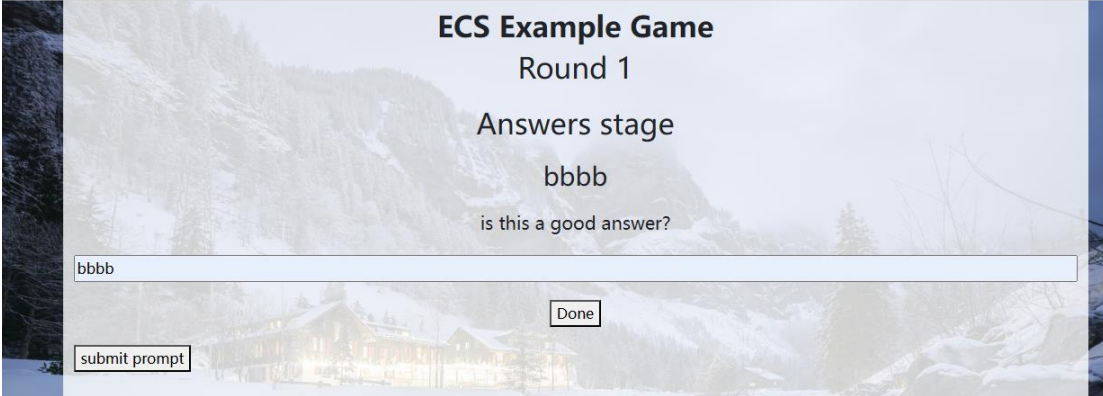think of a funny question or prompt

is candy sweet? really?

Done

dddd is the audience member and the dddd can send the prompt and 2 prompts
are received

3. Game round

3.1. Submits answers for one or more prompts

ECS Example Game

Round 1
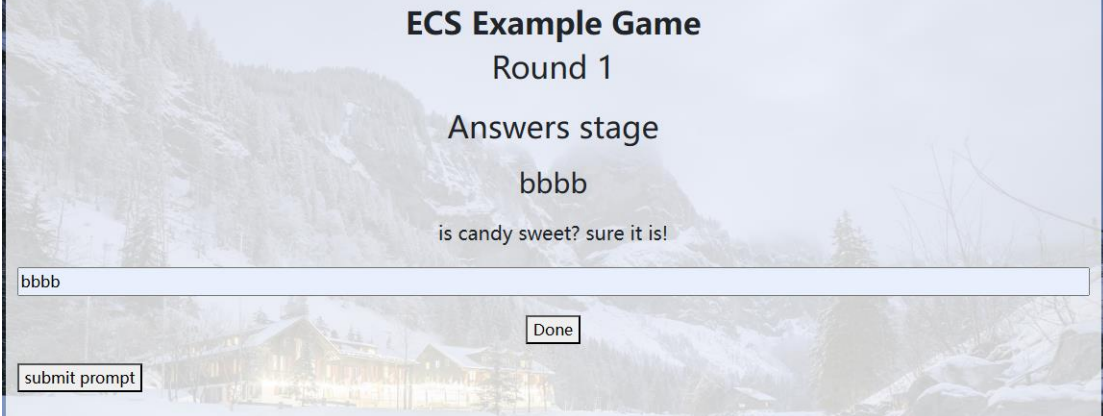
Answers stage

bbbb

is this a good answer?

| bbbb |

Done

submit prompt

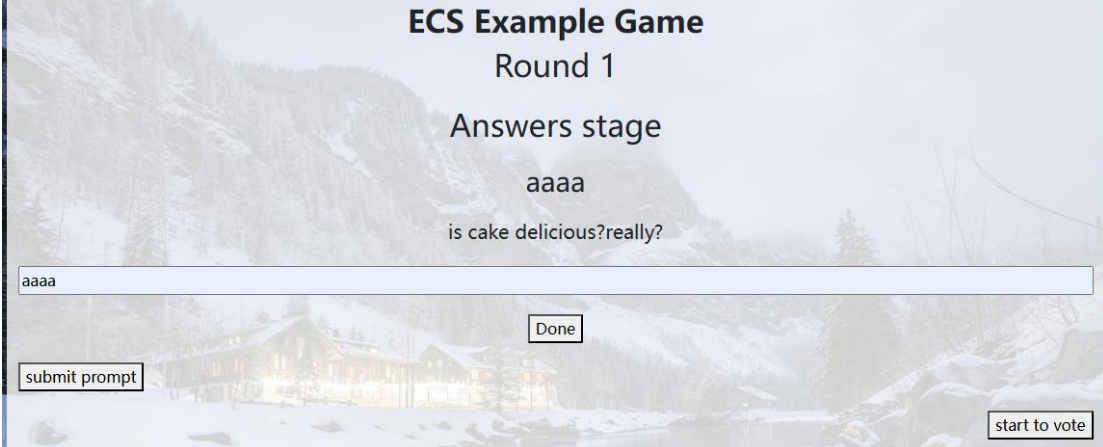**ECS Example Game**

Round 1

Answers stage

bbbb

is candy sweet? sure it is!

| bbbb |

Done

submit prompt

ECS Example Game

Round 1

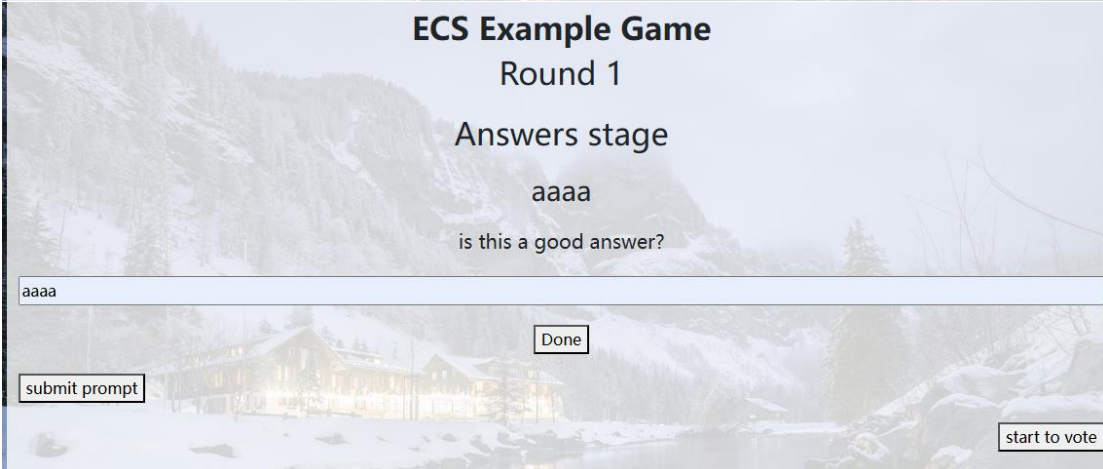Answers stage

aaaa

is cake delicious?really?

| aaaa |

Done

submit prompt

start to vote

ECS Example Game

Round 1

Answers stage

aaaa

is this a good answer?

| aaaa |

Done

submit prompt
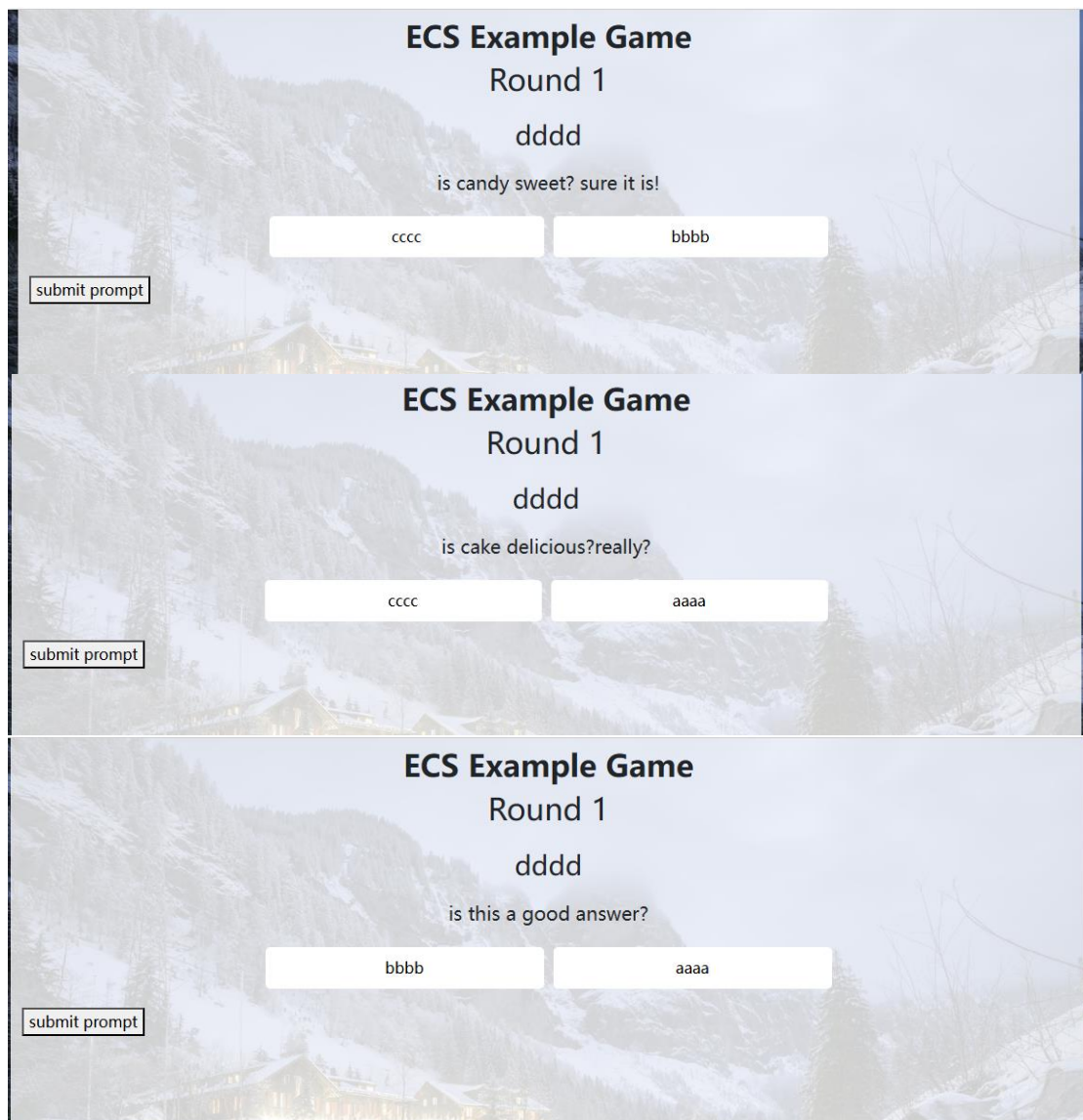
start to vote

3.2. Players vote on best answer for a number of prompts but not their own

ECS Example Game
Round 1

aaaa

is candy sweet? sure it is!

| cccc | bbbb |

submit prompt

get scores

ECS Example Game
Round 1

bbbb

is cake delicious?really?

| cccc | aaaa |

submit prompt

ECS Example Game
Round 1

cccc

is this a good answer?

| bbbb | aaaa |

submit prompt

3.3. Audience votes on best answer for the prompts in the round

ECS Example Game
Round 1

dddd

is candy sweet? sure it is!

| cccc | bbbb |

submit prompt

ECS Example Game
Round 1

dddd

is cake delicious?really?

| cccc | aaaa |

submit prompt

ECS Example Game
Round 1

dddd

is this a good answer?

| bbbb | aaaa |

submit prompt

3.4. Result are shown for each prompt, answer and its votes

ECS Example Game
Round 1

aaaa

is candy sweet? sure it is!

cccc	bbbb
cccc	bbbb
0	2
	aaaa

Done

next

ECS Example Game
Round 1

aaaa

is cake delicious?really?

cccc	aaaa
cccc	aaaa
0	2
	bbbb

Done

next
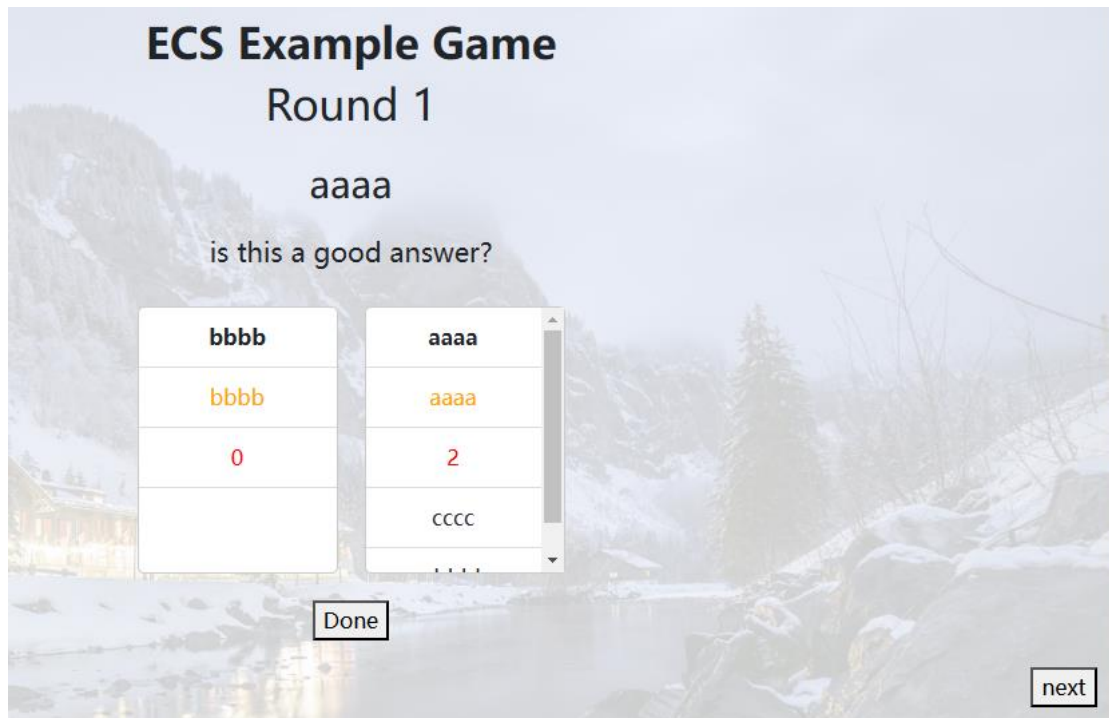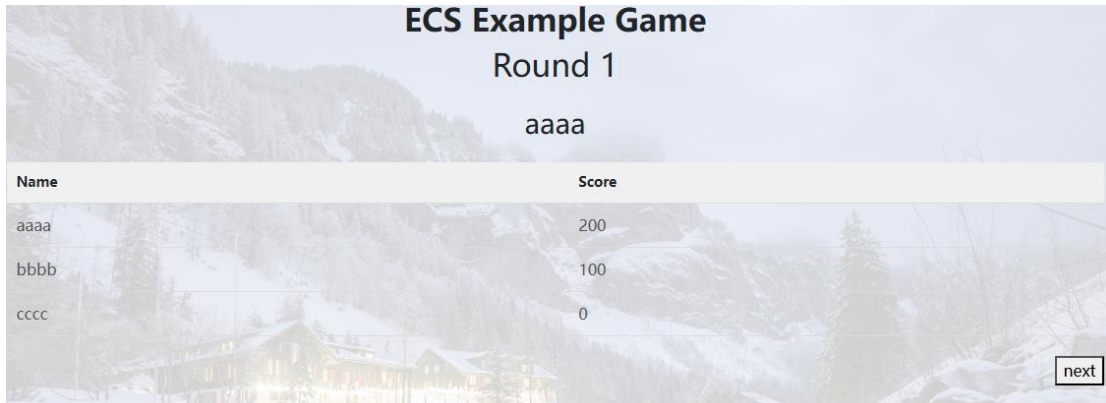
Only aaaa can check the voting result and step to the next stage

3.5. Round scores are correct

aaaa win for 2 times, bbbb win for 1 time, the round number is 10, the score for aaaa in this round is 2*100*1=200, the score for bbbb in this round is 1*100*1=100, and cccc did not win for any time, so cccc have 0 in score,so it is correct.

3.6. Final score table and advance to next round
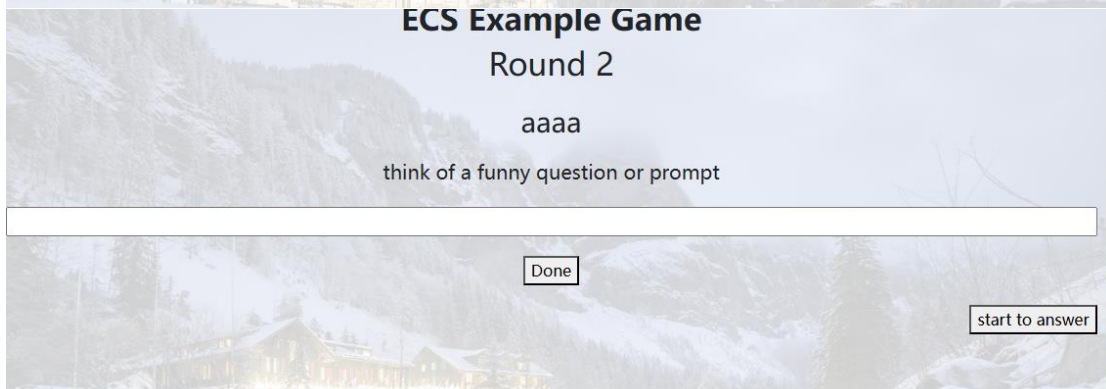
Click to the next button advance to Round 2

3.7. Two more rounds are played

For the second round, same as before, aaaa win for 2 times, bbb bwin for one time,socre of aaaa for this round is 2*200=400, total final score for 2 rounds is 400+200=600,
Score of bbbb for this round is 2*100=200, total final score for 2 rounds is 100+200=300.
And the total score for cccc is still 0, because he did not win any time.

3.8. After 3 rounds show the final scores

Round 3

aaaa

Name	Score
aaaa	1200
bbbb	600
cccc	0

next

Same as before, aaaa win for 2 times, bbbb wins for 1 time, current round aaaa win for 2*100*3=600, and total score is 600+600=1200, current round bbbb win for 1*100*3=300, and total score is 300+300=600.
And the overall podium.

Silver	Gold	Bronze
bbbb	aaaa	cccc
600.0	1200.0	0.0

4. 9th player audience

4.1. A 9th player joins the audience

ECS Example Game
admin: aaaa

Waiting for everyone to join!

| aaaa | bbbb | cccc | dddd | eeee | ffff | gggg | hhhh |

Audience

| iiii |

5. 50% prompts

5.1. 50% of the game prompts should be from prompts entered by players / audience

ECS Example Game
Round 1

aaaa

think of a funny question or prompt

this is the first prompt from local

Done

start to answer

```
getFromPrompt   2
getFromDB   1
promptToAssign   [
    'this is the first prompt from local',
    'this is the second prompt from local',
    'is cake delicious?really?03'submit prompt
]
```

Three users , and get three prompts, 2 from local, 1 from database
Below are three questions

ECS Example Game
Round 1
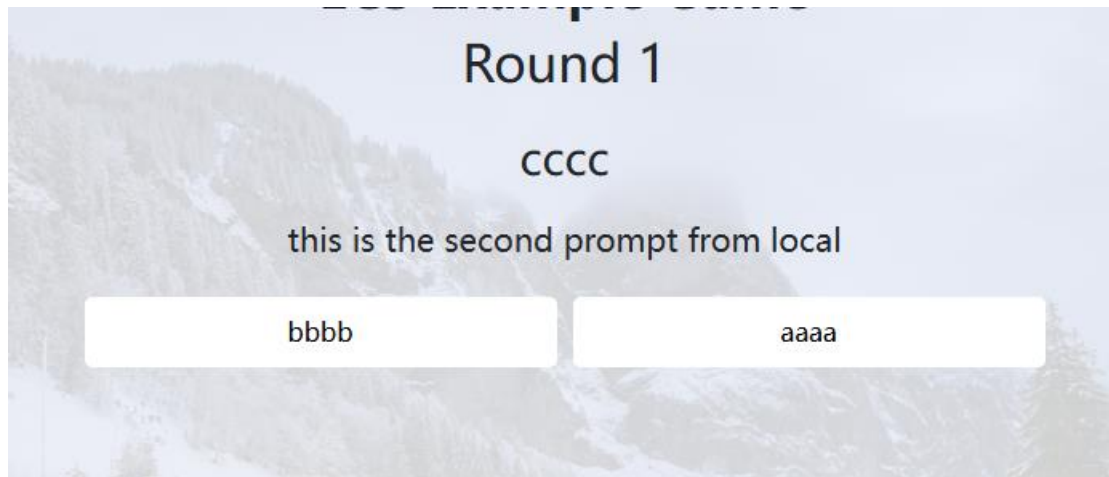
aaaa

is cake delicious?really?03

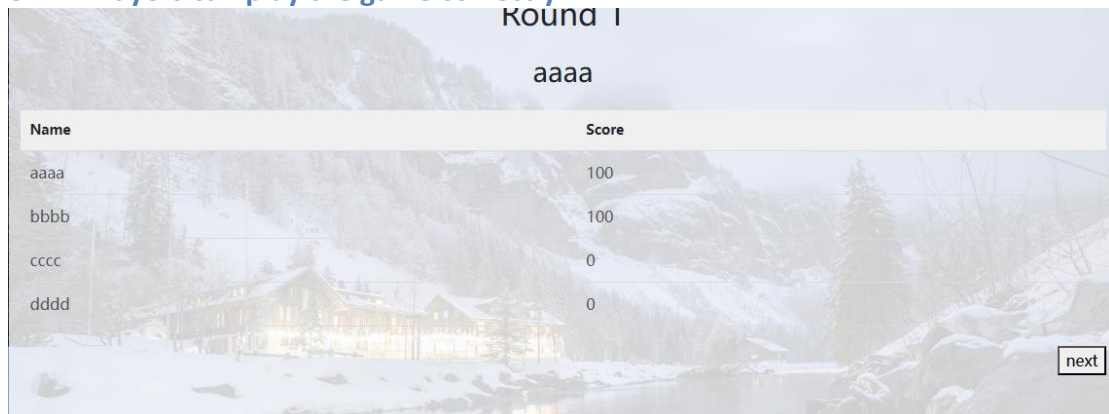| cccc | bbbb |

-

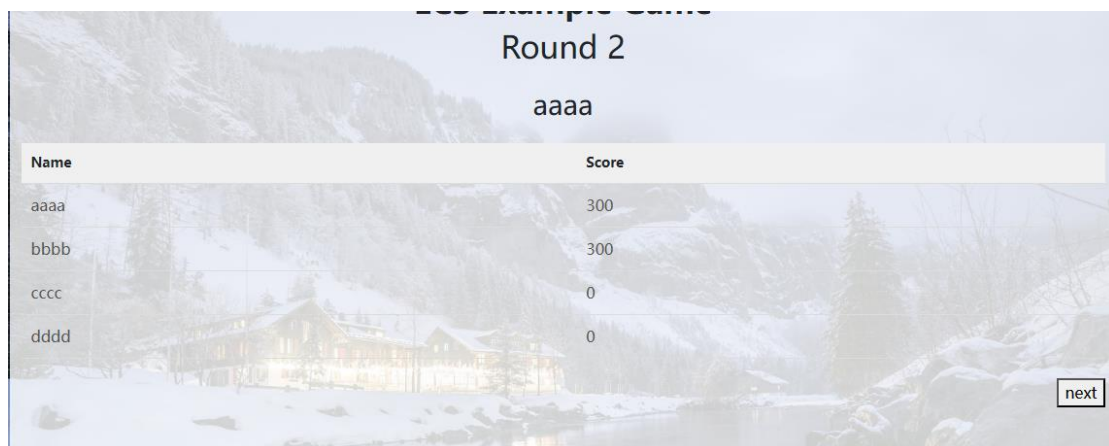Round 1

bbbb

this is the first prompt from local

| cccc | aaaa |

Round 1

CCCC

this is the second prompt from local

| bbbb | aaaa |

6. 4 Players

6.1. 4 Players can play the game correctly

Round 1

aaaa

Name	Score
aaaa	100
bbbb	100
cccc	0
dddd	0

next

Aaaa and bbbb each win for one time, so aaaa get 1*100*1=100,bbbb get1*100*1=100 too.

Round 2

aaaa

Name	Score
aaaa	300
bbbb	300
cccc	0
dddd	0

next

Aaaa and bbbb each win for one time again in round two, so aaaa get 1*100*2=200,bbbb get1*100*2=200 too.
Add the score from round one, both are 100+200=300

aaaa

Name	Score
aaaa	600
bbbb	600
cccc	0
dddd	0

next

Aaaa and bbbb each win for one time again in round three, so aaaa get
1*100*3=300,bbbb get1*100*3=300 too.
Add the score from round one, both are 300+300=600

Silver	Gold	Bronze
bbbb	aaaa	cccc
600.0	900.0	0.0
		dddd
		0.0

For the podium it have started two games,
for the first game with aaaa,bbbb, and cccc, get 1200, 600, 0 each,
and in the second game, wth aaaa, bbbbb, cccc,dddd, get 600,600,0,0 each.
 On average aaaa got (1200+600)/2=900 per game to be the Gold, bbbb get
(600+600)/2=600 per game to be the silver, bbbb and cccc never win for one
time, so they both be the Broze, with the 0 on the average of score per game.