Computer Graphics Term project proposal

Penguin Adventure
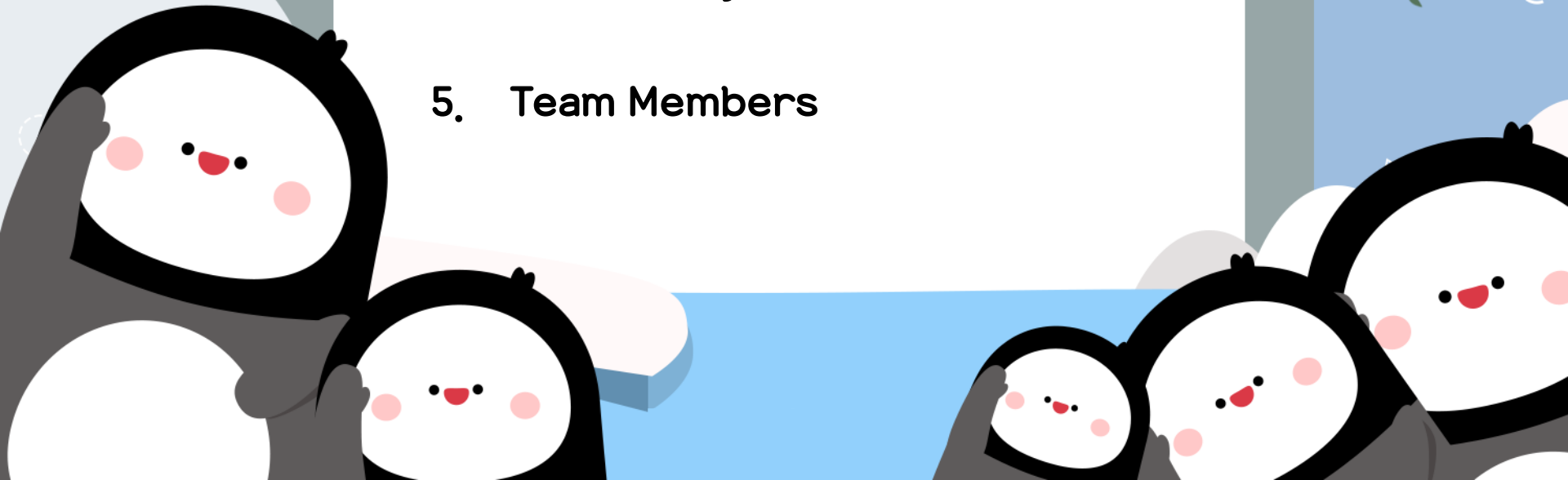
201533659 이남준 | 201835434 김주현 | 201835538 최지원

PPT 디자인 출처 : 잘이네

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Project title

' Penguin Adventure '

A game in which player move character

and survive as long as possible

without hitting obstacles to gain high scores

How to play ?

◀ ▶ Esc

space

Brief Description

✅ Rules

1. Record the score <u>as far as you go</u>

2. Game over when you <u>touch obstacles</u>

3. When the character reaches a set distance, the level goes up.

4. Depending on the level, the <u>speed</u> at which the character runs and <u>the number of obstacles increases</u>.

✅ Main Screen Composition(UI)

1. Penguin character(Runner) & Snowfields(Background)

2. Current Score & Highest score

3. Pause, Exit, Restart button

✅ Extension function

1. Saving history & Comparing with other people's score
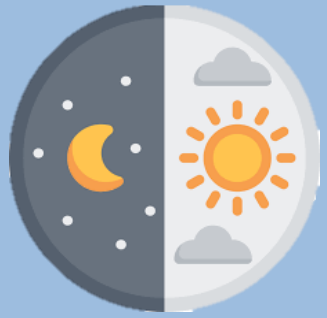
2. Displaying best records on a map

Brief Description(WebGL)

Character

Background

Light source

Obstacle

Key Feature

≫ Changing view point

First person view ↔ Third person view

≫ Various forms of obstacles

Trees, Moving snowballs, Crevasse(hole),

Blindness(light, snow spray), etc.

≫ Background changes over time

As the sun slowly sets from daytime,

the background darkens and becomes night.

Key Feature

'Advantage'

Anyone can enjoy easily on the web,

and various fun elements are added

by utilizing WebGL

Schedule (October–November)

SUN	MON	TUE	WED	THR	FRI	SAT
10/25	26	27	28	29	30	31
	Proposal PPT			Proposal Presentation	Overall Design	
11/1	2	3	4	5	6	7
			Overall game UI implementation			
8	9	10	11	12	13	14
			Specific design & Implementation			
15	16	17	18	19	20	21
		Connecting the score recording database & Implementing the Execution Screen				
22	23	24	25	26	27	28
		Checking and Correcting Errors & Prepare Final Presentation and PPT				
29	30					
	Final Presentation					

Team Members

이남준

Student ID : 20153659

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- Final presentation
- Implement background and character game execution

김주현

Student ID : 201835434

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- Proposal PPT
- Final report
- Implement obstacle and level control

최지원

Student ID : 201835538

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- Proposal presentation
- Final PPT
- Database connection and game main screen

Thank you