OPEN SOURCE PROGRAMING

## MERRY WINTER STORY



TEAM 1

20213920 KIM HYUN SOO

20213963 WOO JUN SEO

20214102 LEE RYUNG

20201689 LEE JIN HWA



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MEMBER'S ROLE

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THE USED OPENSOURCE

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DEMO VIDEO

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MILESTONE ANALYSIS



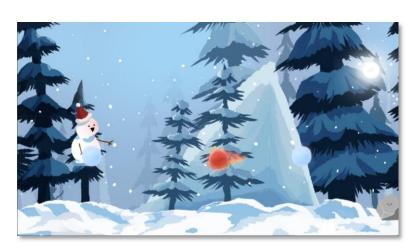


## [THE PROJECT : MERRY WINTER STORY]

It is a story about cats adventuring to have a happy Christmas.

It is a package game with three mini games.







[GAME1: MELTING SNOWMAN]

As time goes by, the snowman melts. It is a game that prevents the snowman from melting until the end of the game by eating ice balls while avoiding fireballs and obstacles.







[GAME2: HANDBELL RINGING]

It is a game in which you receive gifts falling from the sky and play carols with hand bells. If you press the keyboard at the right time to fall, the appropriate handbell will be played.





[GAME3 : SANTACLAUS DDR]

Santa is about to enter the chimney to give a gift. If you press the keyboard at the right time when Santa enters, you can enter the chimney.

#### MEMBER'S ROLE



KIM HYUN SOO

[MAIN] SANTA CLAUS DDR Final code Merging Presenter



**WOO JUN SEO** 

MELTING SNOWMAN
MENU
[SUB] SANTA CLAUS DDR
FINAL CODE MERGING



**LEE RYUNG** 

MELTING SNOWMAN
MENU
[SUB] SANTA CLAUS DDR
IKON ILLERSTRATION
PPT PRODUCTION



**LEE JIN HWA** 

HANDBELL RINGING
BACKGROUND ILLERSTRATION
CHARACTER ILLERSTRATION
VIDEO EDITING



#### THE USED OPENSOURCE









## PYGAME [LGPL-2.1]

Using Various functions in the pygame library <a href="https://github.com/pygame/pygame">https://github.com/pygame/pygame</a>

## CHROME - DINO GAME [MIT]

Refers to creating classes and menus <a href="https://github.com/dhhruv/Chrome-Dino-Runner">https://github.com/dhhruv/Chrome-Dino-Runner</a>

## NUMPY [BSD-3]

Using it to list the beats
<a href="https://github.com/numpy/numpy">https://github.com/numpy/numpy</a>

#### THE USED OPENSOURCE

COMPATIBILITY BSD-2-Clause COMPATIBILITY BSD-2-Clause-Patent COMPATIBILITY BSD-3-Clause COMPATIBILITY BSL-1.0 COMPATIBILITY bzip2-1.0.5 COMPATIBILITY bzip2-1.0.6 COMPATIBILITY CCO-1.0 COMPATIBILITY curl COMPATIBILITY EFL-2.0 COMPATIBILITY GPL-2.0-only COMPATIBILITY GPL-2.0-or-later COMPATIBILITY IBM-pibs COMPATIBILITY ICU COMPATIBILITY ISC COMPATIBILITY LGPL-2.1-or-later COMPATIBILITY Libpng COMPATIBILITY MIT COMPATIBILITY MPL-2.0 COMPATIBILITY NTP COMPATIBILITY UPL-1.0 COMPATIBILITY WTFPL COMPATIBILITY X11 COMPATIBILITY ZIIb COMPATIBILITY ZPL-2.0 DEPENDING COMPATIBILITY EPL-2.0 INCOMPATIBILITY Apache-1.0 INCOMPATIBILITY Apache-1.1 INCOMPATIBILITY Apache-2.0 INCOMPATIBILITY BSD-4-Clause INCOMPATIBILITY BSD-4-Clause-UC INCOMPATIBILITY FTL INCOMPATIBILITY IJG INCOMPATIBILITY OpenSSL INCOMPATIBILITY Python-2.0 INCOMPATIBILITY zlib-acknowledgement INCOMPATIBILITY XFree86-1.1 PATENT HINTS Yes COPYLEFT CLAUSE Yes

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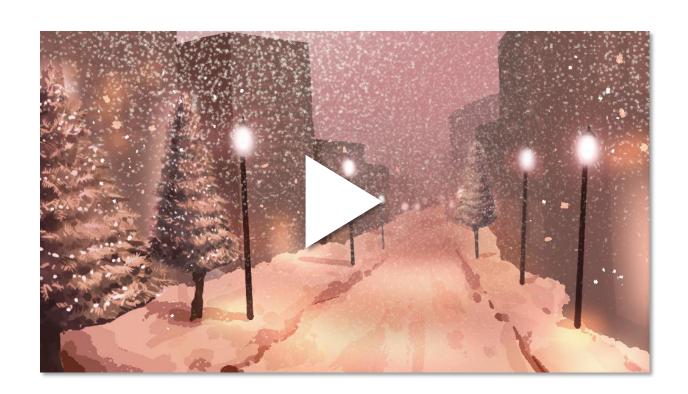
#### THE USED OPENSOURCE



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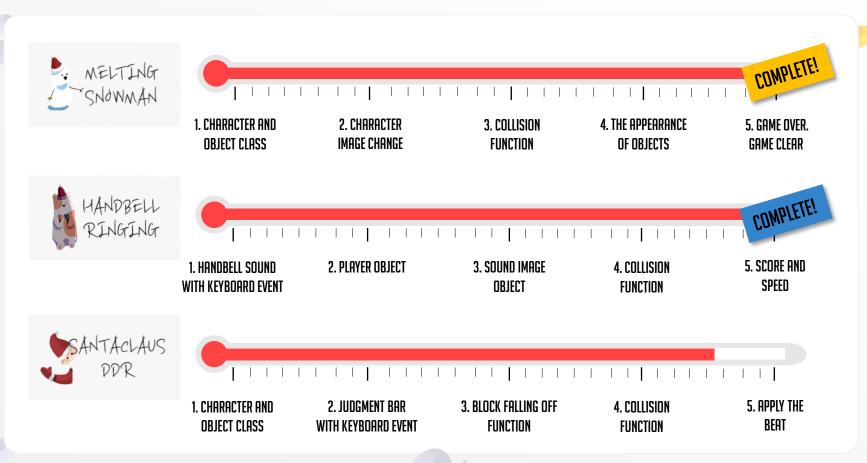
## DEMO VIDEO



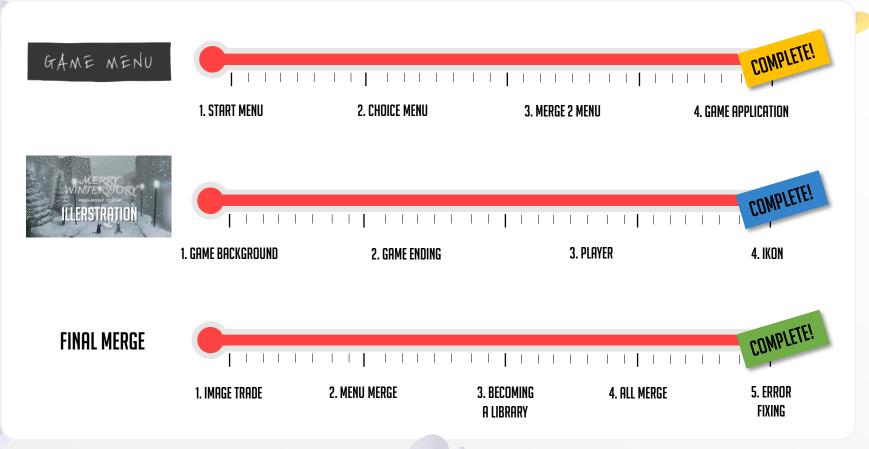
#### MILESTONE ALAYSIS



#### MILESTONE ALAYSIS



#### MILESTONE ALAYSIS





## PROJECT ACHIEVEMENT RATE





# THANK Y O U

MERRY CHRISTMAS!
8 HAPPY FINISHING COURSE!!