

CSC207

Three Musketeers

A3

〔BingMing, Razi, Thomas, Nasim〕

N <

Audio

In-game audios

J



Save & Hint

Save game features

&

In-game Hints



Irregular Moves

Surprises Enemy

Special Move

V

T

Audience & Agent Change

> R

Audience reactions &

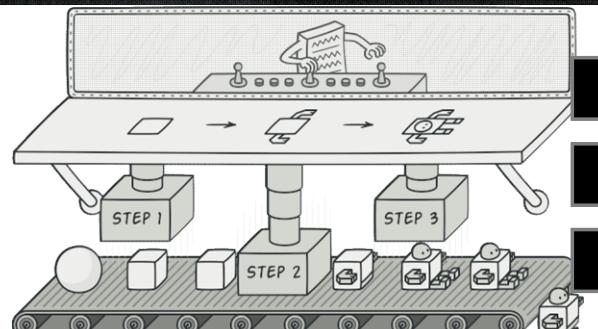
Change enemy agent in game



Assignment 3

Description

Save & Hint



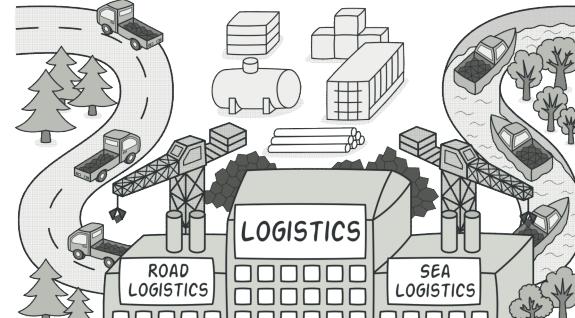
Save Feature

- Builder Pattern is used to minimize the amount of params.
- Create different save objects to save different game features.
- Presets to make the process simple.
- Saved file names are linked to the saving timestamp.

Hints

Audience

Board



Hint Feature

- Factory Pattern is used to maximize the type of hints with small amount of params.
- Create different types(levels) of hints according to the user input.
- Presets to make the process simple.
- Easy to create new hints.

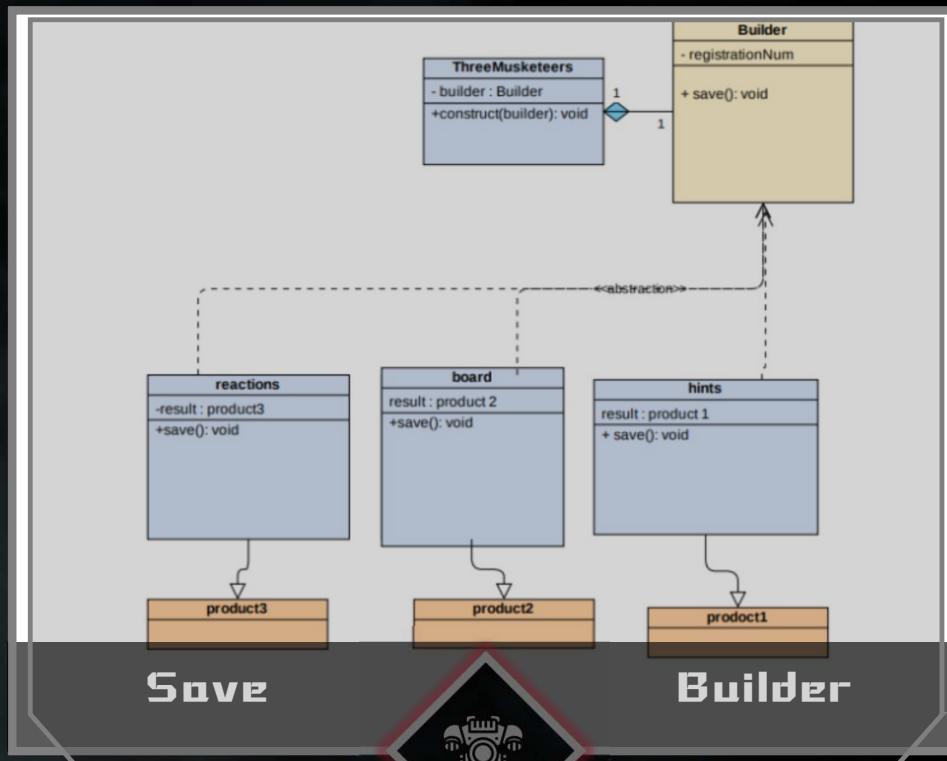
BingMing Zhang



Assignment 3

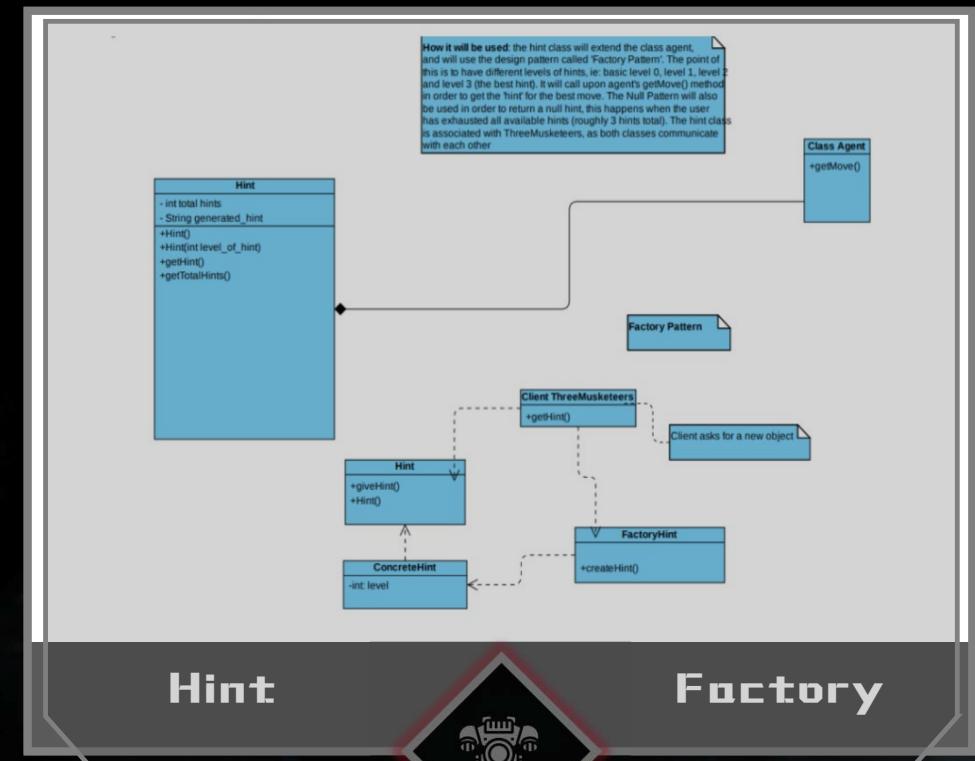
Description

Design Patterns



Save

Builder



Hint

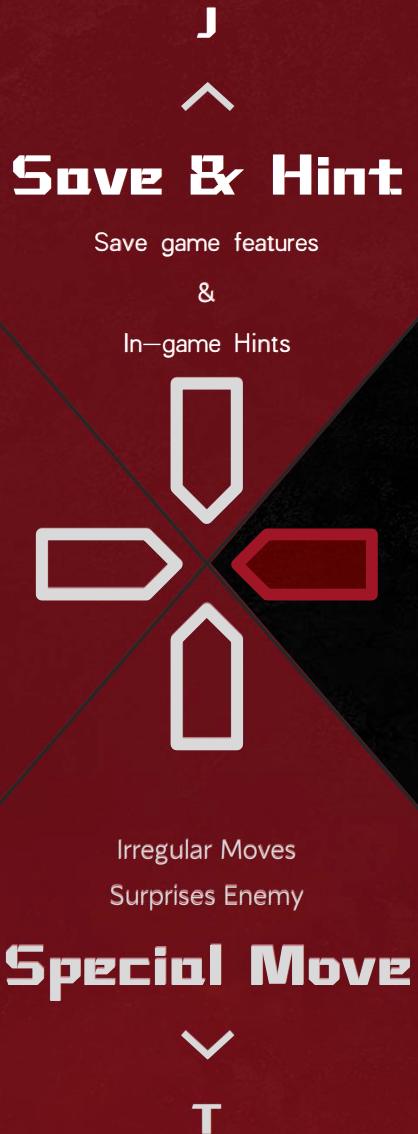
Factory

BingMing Zhang

N <

Audio

In-game audios



» R

N <

Audio

In-game audios

J
^

Save & Hint

Save game features

&

In-game Hints



Audience & Agent Change

Audience reactions &
Change enemy agent in game

> R

Irregular Moves
Surprises Enemy

Special Move

▼
T



Special Moves



Allows for more dynamic gameplay
and less repetition

Special Moves

NEW



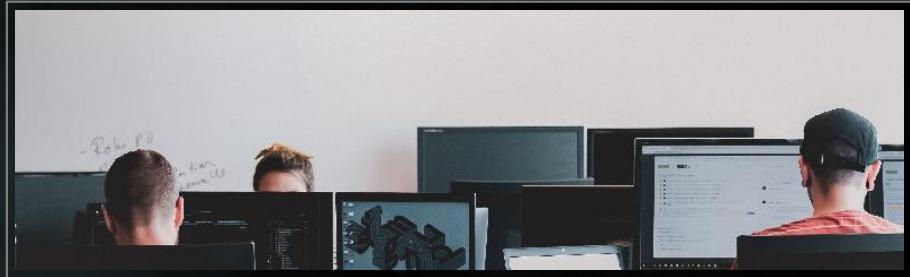
Switches up the strategies and
formulas that are used in the base
game



Design Patterns

Strategy Pattern

Description Bullet points



Regular

Bullet points or Picture only



Special

Bullet points or Picture only



N <<

Audio

In-game audios

Special Move

▼ T

Save & Hint

Save game features

&

In-game Hints



Irregular Moves
Surprises Enemy

Audience & Agent Change

Audience reactions &
Change enemy agent in game

> R



Music

Enemy	Dream Dragon
Baby	Justin Bieber
Stay	Justin Bieber
Legends Never Die	Against the Current
Silver Scrapes	ProtoShredanoid

Play Options





COMPANIES
Description & Slogan

工作内容回顾



工作内容回顾

单击此处编辑内容或复制文本
在此框中粘贴



工作内容回顾

单击此处编辑内容或复制文本
在此框中粘贴



工作内容回顾

单击此处编辑内容或复制文本
在此框中粘贴



工作内容回顾

单击此处编辑内容或复制文本
在此框中粘贴



工作内容回顾

单击此处编辑内容或复制文本在此框中粘贴



工作内容回顾

单击此处编辑内容或复制文本在此框中粘贴

THANKS

Thanks for Watching!

2021