

CSC207

Three Musketeers

A3

〔BingMing, Razi, Thomas, Nasim〕

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Audio

In-game audios

J



Save & Hint

Save game features

&

In-game Hints



Irregular Moves
Surprises Enemy

Special Move

V

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Audience & Agent Change

> R

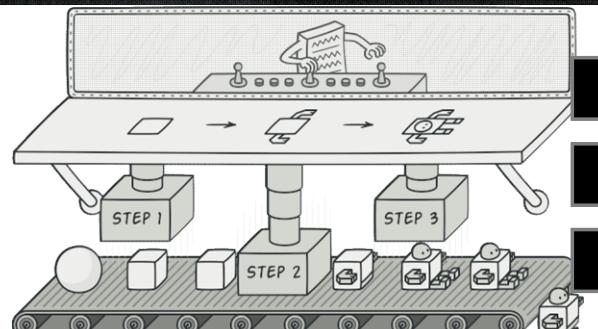
Audience reactions &
Change enemy agent in game



Assignment 3

Description

Save & Hint



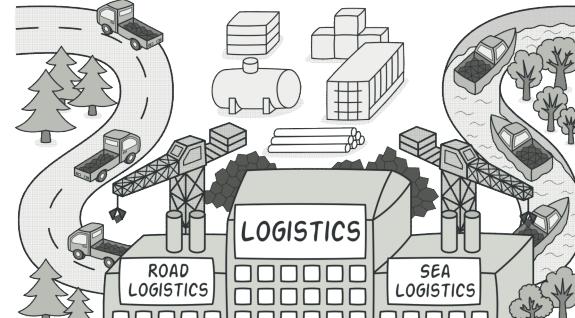
Save Feature

- 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.

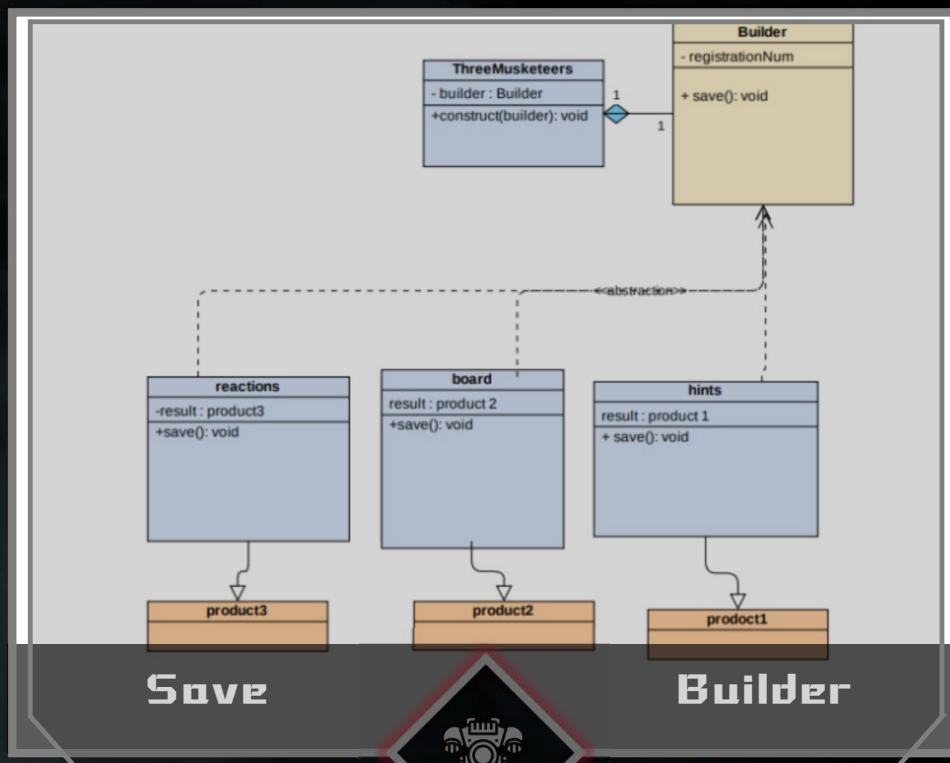
BingMing Zhang



Assignment 3

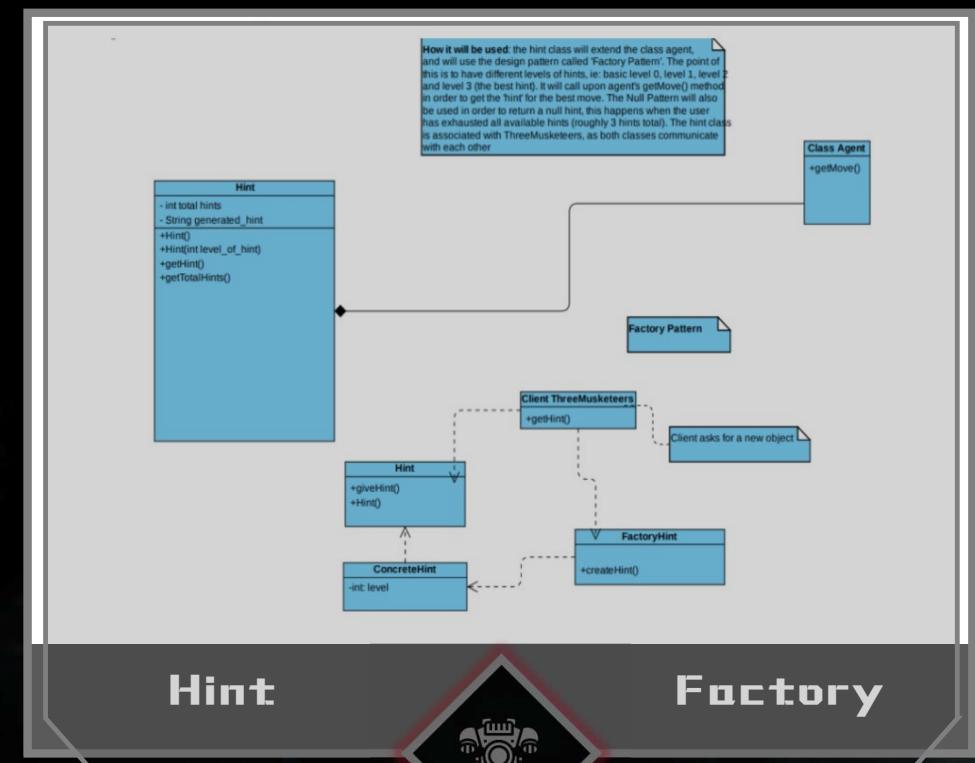
Description

Design Patterns



Save

Builder



Hint

Factory

BingMing Zhang

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THANKS

Thanks for Watching!

2021