

Dokemon Dungeon

Documentation

Created by

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Chapter 1

General Information

Dokemon Dungeon is inspired by pokemon and darkest dungeon game. In this game, you will be a group of heroes slaying all monsters in the dungeon.

1.1 Hero

Hero in this game is a unit that players can control them.



1.2 Monster

Monster in this game is a unit that is controlled by game logic.



1.3 Skill

Skill in this game contains buff or debuff and will give them to the target unit or user.

1.3.1 Attack Skill

This skill will target the enemy.

1.3.2 Defense Skill

IIThis skill will target ally.

1.3.3 Single target skill

This skill will target only one opponent unit or ally.

1.3.4 Multi-target skill

This skill will target the opponent party or the allies party.

1.4 Item

All item in this game is the potion. The potion will make units that use them gain buff or debuff according to the buff or debuff in the potion.



Damage reduction potion



Exhaust potion



Enhance potion



Healing potion



Vulnerability potion

1.5 Buff

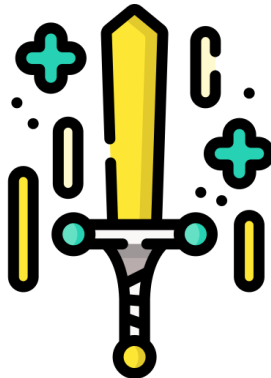
1.5.1 Damage reduction

This buff will make the unit has increased defense.



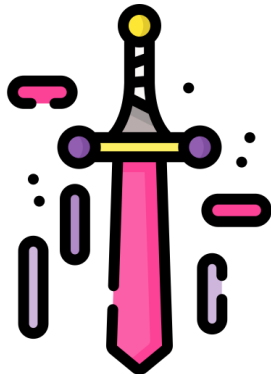
1.5.2 Enhance

This buff will make the unit has an increased attack.



1.5.3 Exhaust

This debuff will make the unit has decreased attack.



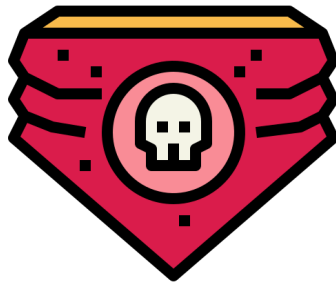
1.5.4 Regeneration

This buff will heal the unit directly and doesn't have a turn.



1.5.5 Vulnerability

This buff will make the unit has decreased defense.



Chapter 2

Gameplay

2.1 Game rule

- In Dokemon Dungeon , you have to clear the dungeon through waves of monster. You will make a progress by rolling the dice. When your progress reaches the point, you will face the boss of the game. If you can defeat the boss, you'll pass the game!
- In each stage, You'll face with monsters and have to defeat them. When you pass your turn, the game will switch to monster turn and repeat until all heroes or all monsters die!
- The player can use the item only in player's turn.

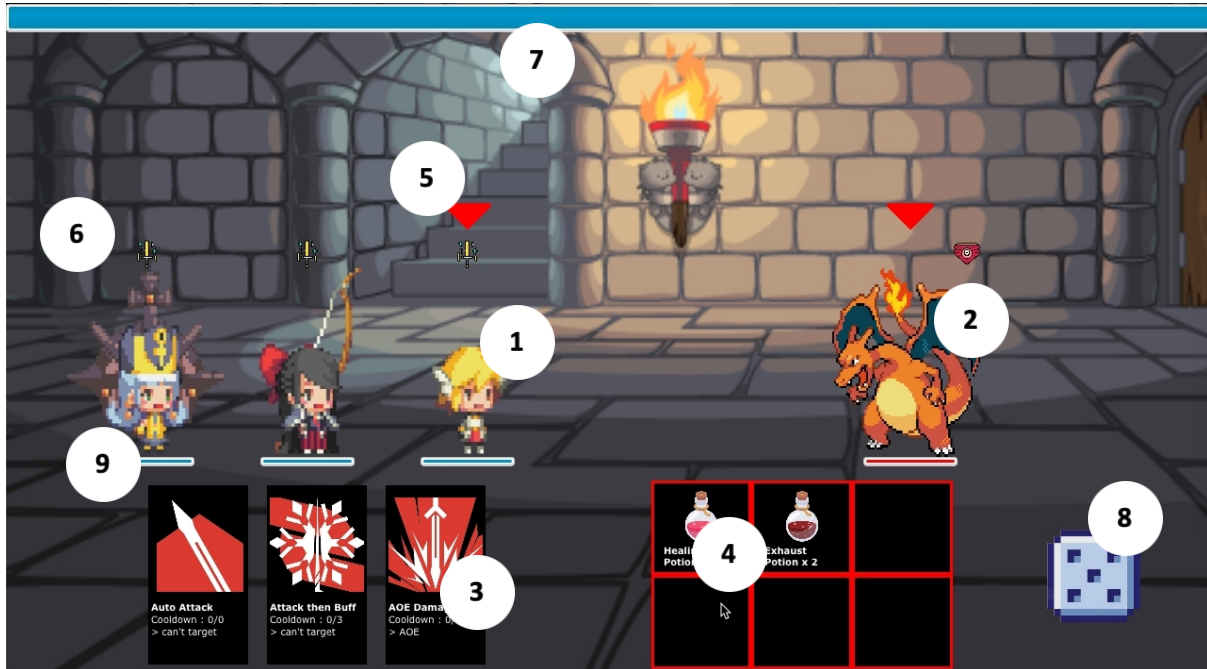
2.1.1 Target system

- Each side (Hero and monster) have a pointer on their side which can be selected by the Player.

2.1.2 Skill mechanic

- Using skill. If the skill is single target skill, then the skill will use on targeted unit. But if the skill can't target , the skill will use on front line unit.
- Using skill. If the skill is single target skill, then the skill will use on targeted unit. But if the skill can't target , the skill will use on front line unit.
- Multi target skill. The skill will use on every unit in the side depend on the skill is attack or defense skill. If it is attack skill , it will use on every monster. Otherwise it wil use on every heroes.
- Using item. If the item is buff item , then it will use on targeted ally. Otherwise it will use on targeted monster.
- Monster's single targer attack skill will always use on our back line unit.
- Monster's single defense skill will always use on lowest health monster.

2.2 Game Scene



1. Hero unit
2. Monster unit
3. Skills of hero in this turn.
4. Item and inventory.
5. Pointer in hero party and pointer in monster party.
6. Buff and debuff each unit.
7. progress bar.
8. dice.

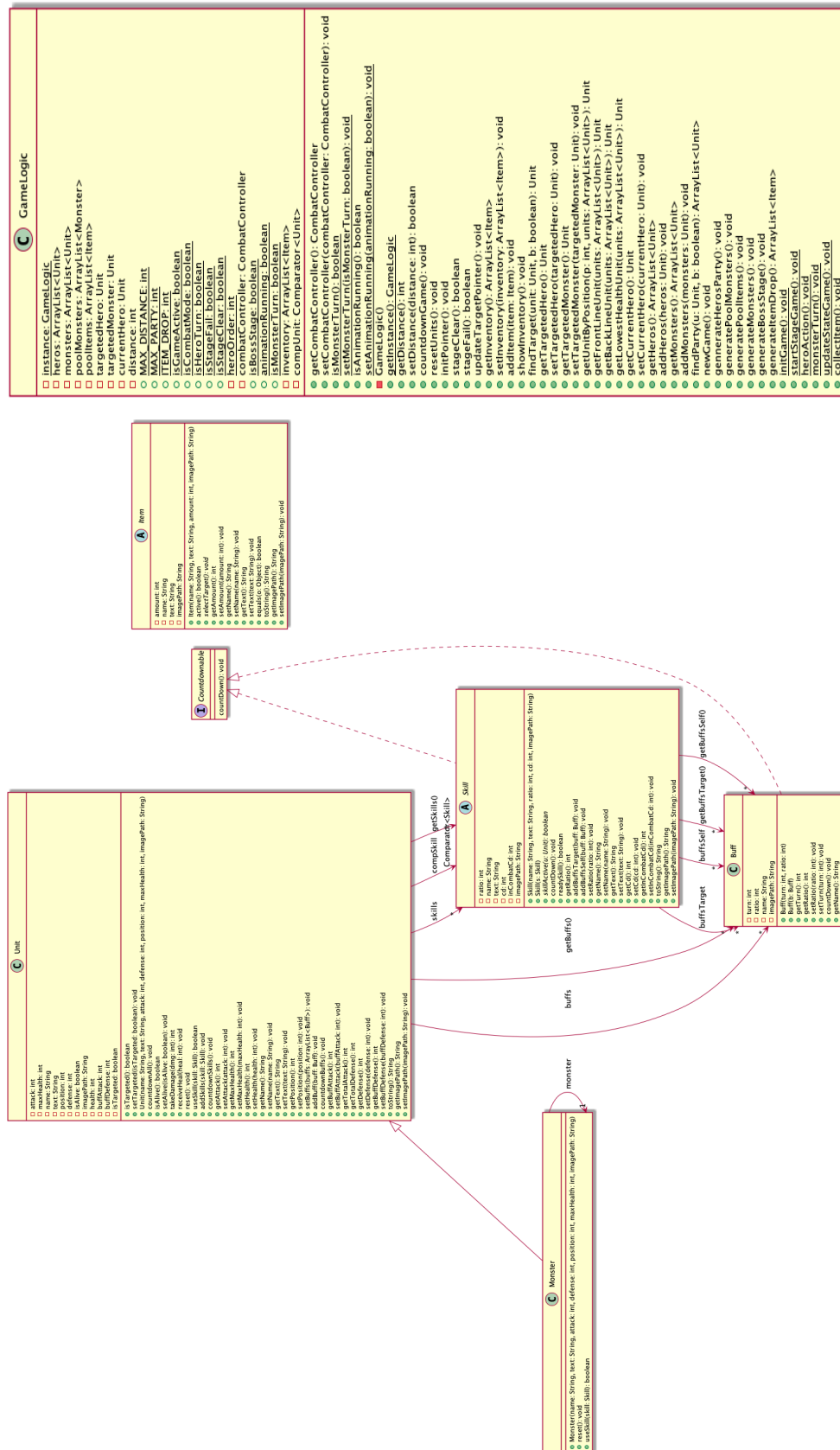
Chapter 3

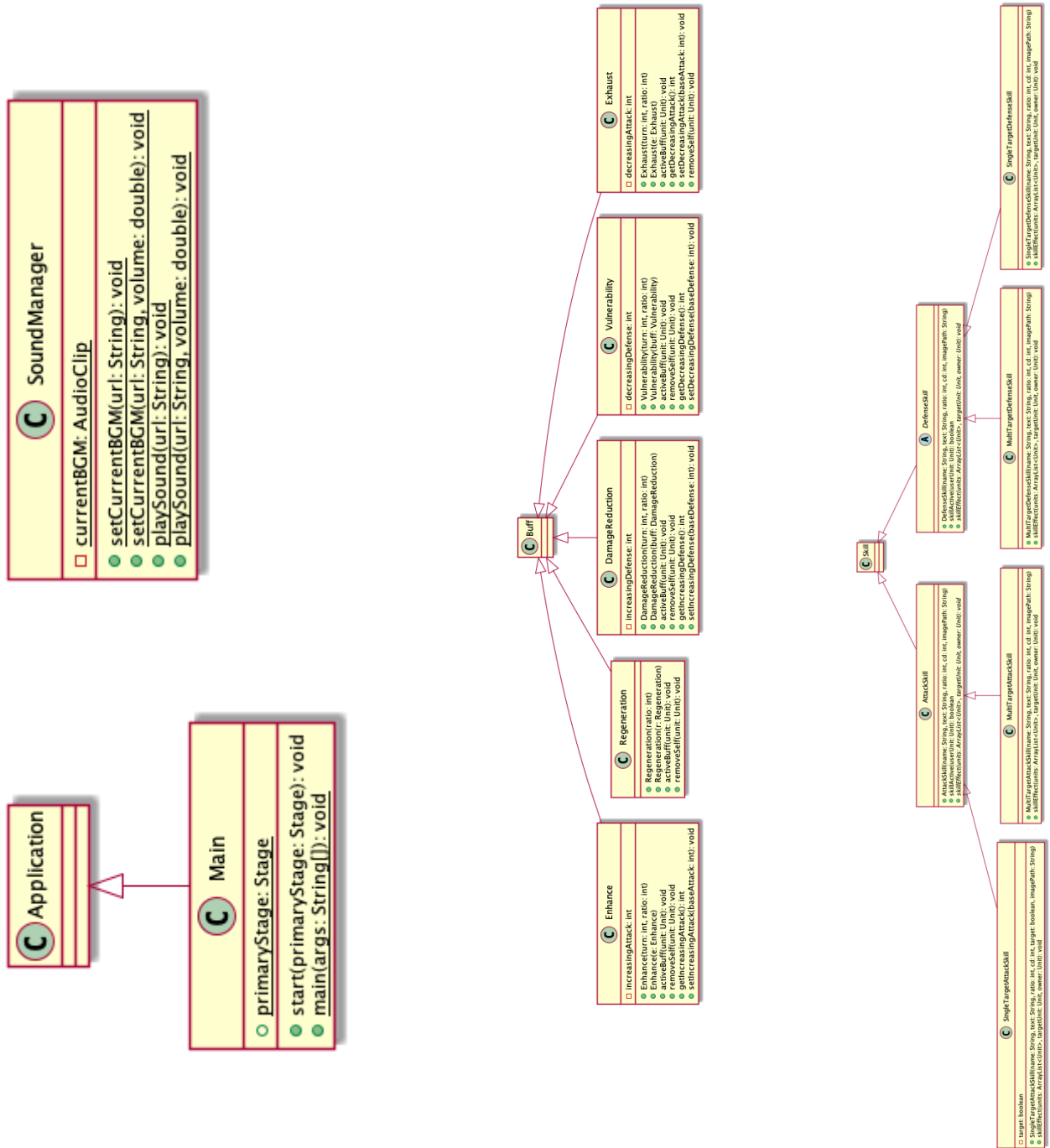
Class diagram & JavaDoc

3.1 JavaDoc

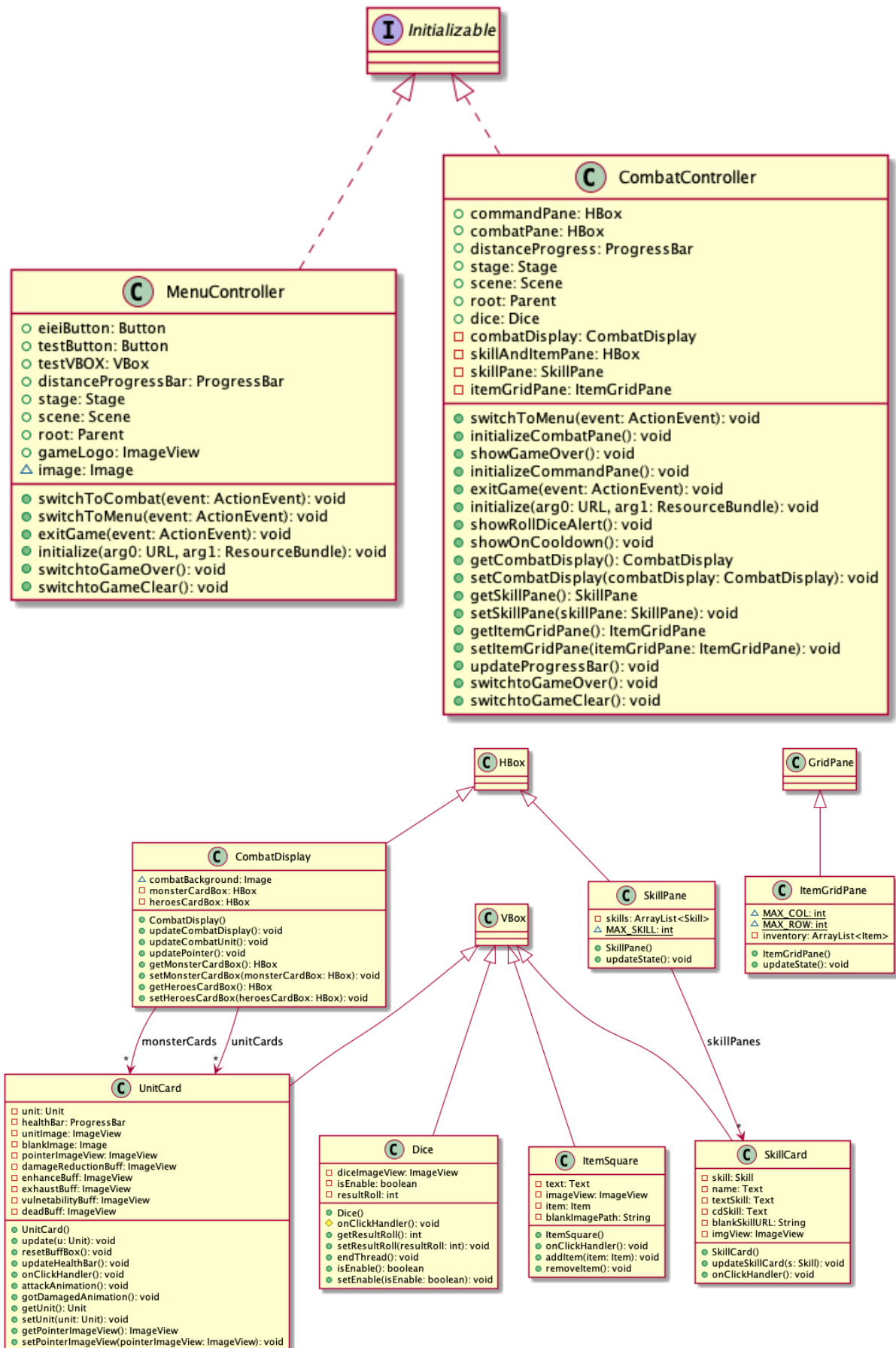
<https://naphat-khoprasertthaworn.github.io/javadoc/>

3.2 Class diagram





UML part 2



UML part 3

