

Pixoul Documentation

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Contents

Introduction	1
How to play	1
Game Controls	1
Monster	1
Item	3
Weapon	3
Armor	3
Potion	3
Ladder	4
In-Game Screen	4
Inventory	6
Game Over	7
Win The Game	7
Setting	7
Class Diagram	9
Documentation	14







Introduction

Pixoul is a pixel roguelike game inspired by Pixel Dungeon and Soul Knight. In the game, you are an adventurer who explores a dangerous dungeon. You have to collect items, kill monsters, and go deeper to reach the deepest floor of the dungeon where the priceless treasure is kept.

How to play

The game is split into two parts, the player's turn and the monster's turn. In the player's turn, the player can do one action (move, stay still, attack monster, use item, equip item, unequip item, or delete item). After the player does action, It will be the monster's turn. All monsters will move, attack, or stay still. Then it will be the player's turn again. The game will end if the player reaches the deepest floor or the player's health point is zero.

Game Controls







-     Move the player.
-  Stay still.
-  Close pause pane or inventory.

Monster

There are six types of monsters which are listed below. Some monsters have special abilities. If the distance between the monster and player is not more than three cells, the movable monsters will walk towards the player.

Monsters can attack the player if the player is in one of the eight cells around the monster. The player can attack the monster by clicking on it if the monster is in one of the eight cells around the player.



-  **Skeleton:** Skeletons don't have special abilities.
-  **Pumpkin Head:** Pumpkin Heads don't have special abilities.
-  **Haunted Maid:** Haunted Maids don't have special abilities.
-  **Soul:** Souls cannot move. They randomly attack the player. But when they attack, the player's health point will be reduced to one.
-  **Reaper:** Reapers can inflict an immobilized effect on the player. The effect will be removed once the reaper is killed.
-  **Dark Mage:** Dark Mages cannot deal damage directly to the player and cannot move. But they will randomly warp the player to a random room on the same floor, inflict poison effect on the player, or summon Skeletons.

Item

There are three types of items, weapon, armor, and potion. Items will be generated on the floor. You can walk on the cell that the item is on to collect it. You cannot have more than sixteen items in the inventory.

1. Weapon






Weapon will increase the player's attack point when equipped. You can equip one weapon once.




2. Armor

Armor will increase the player's defense point when equipped. You can equip one armor once.

3. Potion

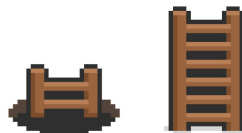
There are eight types of potions which are listed below. Some potions are permanent. Some have duration.

-  **Instant Heal Potion:** Increases the player's current health point.
-  **Permanent Health Potion:** Increases the player's max health point.
-  **Protection Potion:** Increases the player's defense point.
-  **Permanent Protection Potion:** Increases the player's defense point permanently.
-  **Strength Potion:** Increases the player's attack point.

-  **Permanent Strength Potion:** Increases the player's attack point permanently.
-  **Regeneration Potion:** Increases the player's current health point in each turn for a certain duration.
-  **Vision Potion:** Increases the player's vision for a certain duration.

Ladder

Ladders can move the player to the upper or the lower floor. You can walk on the ladder cell to climb it.

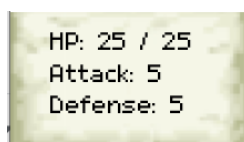


In-Game Screen

After the game starts, the player will be on the first floor of the dungeon. The player must find the ladder to go to the next floor. The player can walk on the item to collect it and click on the monster in one of the eight cells around the player to attack it.





The status pane at the top left shows the player's current health point, max health point, attack value, defense value.



The message pane at the bottom left shows the player and monster's actions.



You can click  to pause the game and click  to open inventory.

Inventory

The inventory pane shows all of the items you have. At the start of the game, you will get a rusty knife, wooden armor, and max healing potion.



You can hover on the item to see the name and detail of the item.



You can double click on an item to use, equip or unequip it.



You can click on the bin to enter delete mode. In the delete mode, If you click on any item, it will be gone forever. Click on the bin again to exit delete mode.

Note: use, equip, unequip, or delete item will be considered as one turn.

Game Over

If the player's health points reach zero, the game will be over. You can start a new game, go back to the menu, or exit game



Win The Game

You will win the game if the player reaches the deepest floor. You can go back to the menu, or exit game

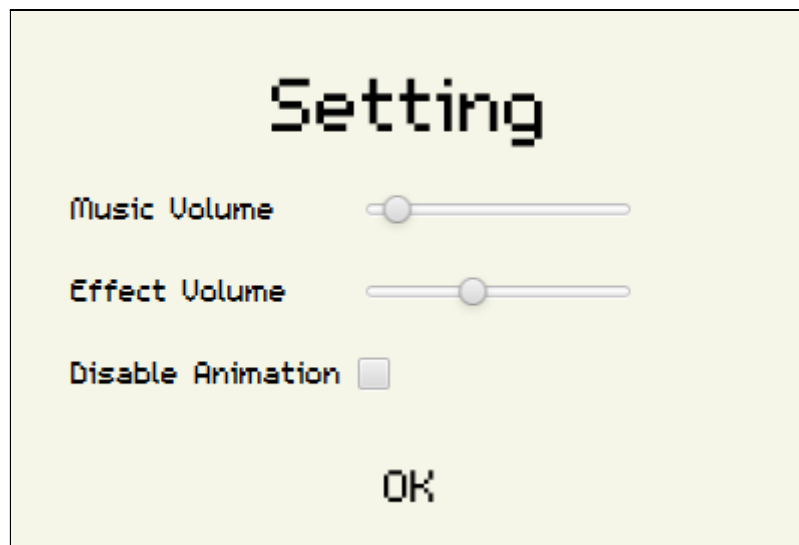


Setting

Pixoul has provided the setting to adjust some property in the game (List of the available setting are below)

Available Setting

- Music Volume
- Effect Volume
- Disable Animation (In case of bad performance)



Class Diagram

