

`UseItemAction` will implement a method that calls methods within the item that sets up what occurs when the item is consumed. It will have an attribute for the Actor who is using the item, and will be set up so that the effects of using the item are applied to the actor using these methods.

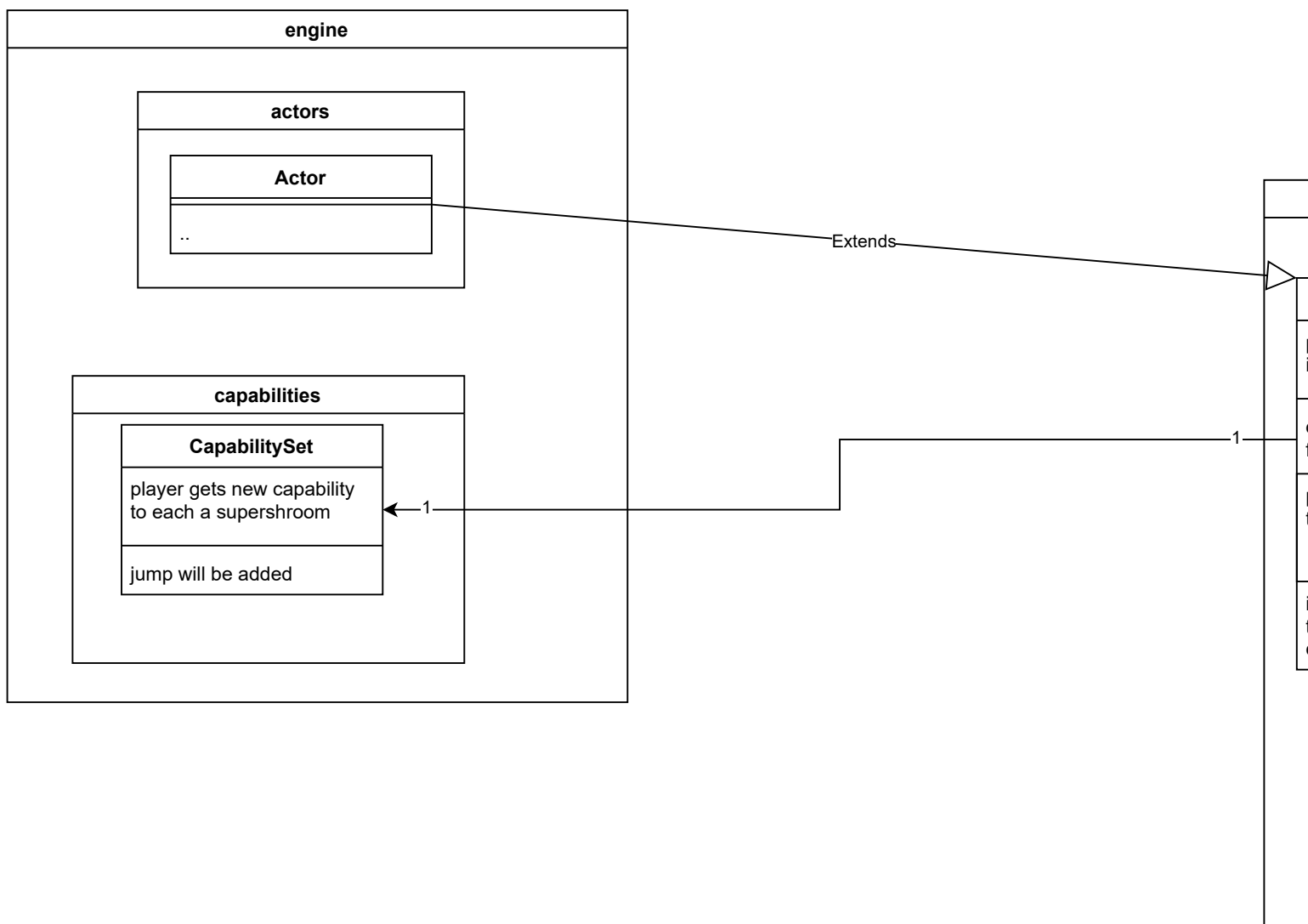
In the `AttackAction` class the `execute()` method - when a target is hit - will check if the Actor is under the effects of an item (stored in a boolean value to represent whether the actor is under the effects of an item). If yes, it will call a method from `Actor` that resets attributes back to how they were before the item was used.

Task 4: Super Mushroom

Anyone that consumes Super Mushroom ^ will experience the following features:

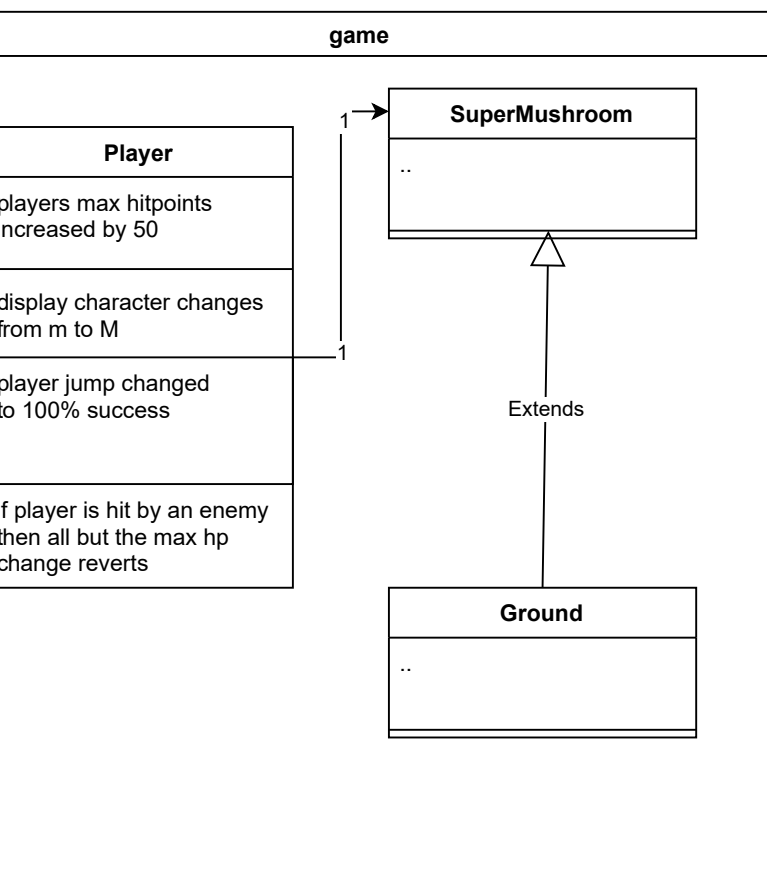
- increase max HP by 50
- the display character evolves to the uppercase letter (e.g., from m to M).
- it can jump freely with a 100% success rate and no fall damage.

The effect will last until it receives any damage (e.g., hit by the enemy). Once the effect wears off, the display character returns to normal (lowercase), but the maximum HP stays.



Task 4: Power Star

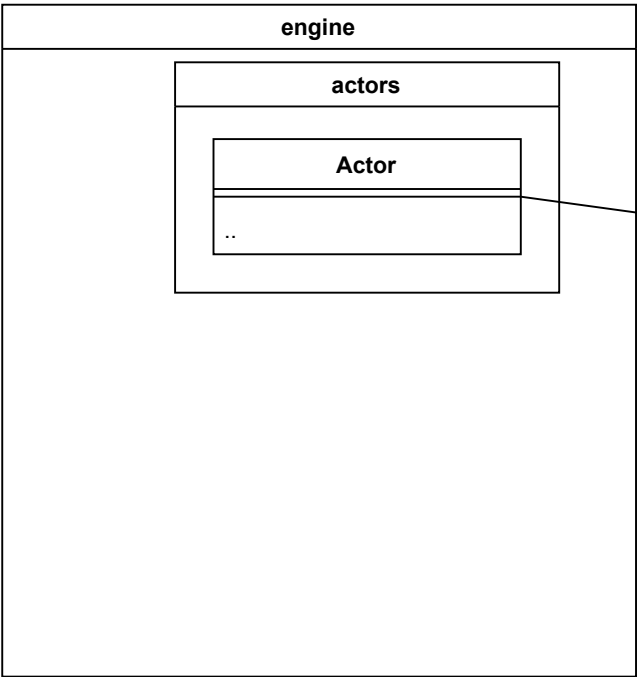
Power Star * cannot stay in the game forever
be removed from the game within 10 turns (re



r. It will fade away and
regardless it is on the

ground or in the actor's inventory). Anyone that
Star will be healed by 200 hit points and will b
invincible effect replaces fading duration (aka,
stops), and it lasts for another 10 turns.

- Higher Grounds. The actor does not need
level ground (can walk normally). If the actor
ground, it will automatically destroy (con
(\$5).
- Immunity. All enemy attacks become us
- Attacking enemies. When active, a succo
instantly kill enemies.



Extends

at consumes a Power
become invincible. The
fading turn's ticker

ed to jump to higher
actor steps on high
(invert) ground to Dirt.
ground, it drops a Coin

eless (0 damage).
successful attack will

