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# GENRE

* Casual
* Arcade
* Strategy

# SYSTEM REQUIREMENTS

PC / Mac or smartphone. Mouse or touchscreen capability.

Android 2.3.1+

IOS 6.0+

# GAME MECHANICS

* 2D
* Top down view
* Play-style: First person (no character or movement)
* Player actions: Tapping/clicking
* Feedback: Tapping enemies will destroy the targets based on their health
* Tools: Power-ups, area-of-effect explosions, screen-wide explosions (Future implementation)

Stats:

* Picnic box health: 5
* Ant
  + Damage: 1
  + Speed: 1.5
  + Health: 1
* Beetle
  + Damage: 3
  + Speed: 1
  + Health: 3
* Fly
  + Damage: 2
  + Speed: 2
  + Health: 2
* Boss
  + Damage: 5
  + Speed: 1.5
  + Health: 25

-Each click subtracts 1 health from a bug

-As long as the picnic health is above 0, the player will be able to progress to the next level.

-Bugs will spawn randomly, each bug with a slightly different behavior.

-Anthills will spawn randomly on the map (depending on the level… specifics below), and ants will spawn from it.

Level 1:

Anthills: 7

Ants per anthill: 3

Ant Random Spawn Time: 1-6 seconds

Level 2:

Anthills: 4

Ants per anthill: 6

Ant Random Spawn Time: 0.5-8 seconds

Beetles: 15

Beetle Random Spawn Time: 0.5-5 seconds

Level 3:

Anthills: 5

Ants per anthill: 5

Ant Random Spawn Time: 1-9 seconds

Beetles: 7

Beetle Random Spawn Time: 4-9 seconds

Fly: 15

Fly Random Spawn Time: 1-5 seconds

Level 4:

Anthills: 6

Ants per anthill: 13

Ant Random Spawn Time: 0.75-5 seconds

Beetles: 20

Beetle Random Spawn Time: 0.5-6 seconds

Fly: 20

Fly Random Spawn Time: 1-7 seconds

Level 5:

Boss: 1

Beetles: 25

Beetle Random Spawn Time: 2-3 seconds

Fly: 20

Fly Random Spawn Time: 1-4 seconds

# GAMEPLAY

There will be waves (currently 5 waves) of insects that will come and try to eat your food in the picnic basket. The objective is to squish the bugs (by tapping/clicking on the bug) and survive the waves of insects. The picnic basket will have a set amount of health, and you must survive each wave of insects to progress to the next level. If the player fails to protect the basket, the player loses and has the option to restart.

* First wave of insects will start out fairly easy with ants that die with one click
* Second wave of insects will introduce a second bug (beetles) that takes three clicks to kill.
* Third wave of insects will introduce a third bug (flies) and takes two clicks to kill.
* Fourth wave of insects will have all three bugs.
* Fifth wave of insects will have boss encounters. The player must keep the boss away from the picnic. Each click will damage the boss, and will scare the boss away from the picnic basket.
* Power ups may be implemented in the future.
  + Magnifying glass to burn them
  + Candy to distract insects away from your picnic

# GAME STORY

A family picnic has run amok with an infestation of various creatures and insects. The player must defend the picnic with their squishing powers and various abilities in order to save the picnic from the ongoing infestation.

# GAME CONTROLS & USER INTERFACE

Controls:

* The main control of the game is clicking or tapping.

We’ll have a main menu with two different buttons: Start button and a settings button.

* Settings will allow players to adjust the sound effect and music level.

During gameplay:

* There will be a pause button in the corner. The menu will pop up when paused.
* If implemented, power up buttons will be available on screen

# MONETIZATION

The game will be free to play. However in the future, players may be able to purchase power-up items with cash to help get rid of insects.

Ideas for future implementations may include: Cosmetic rewards such as bug skins, tapping effects (confetti, rainbows, snowballs, etc.), and goal skins.

# REPLAYABILITY

There will be various degrees of difficulty in the game. The game is casual, but will be challenging enough that it may take several tries to move on to the next level.

Difficult levels will challenge the player and encourage them to attempt several times until completion.

# SEQUEL

There are no sequels planned for the moment. Various or more challenging waves may be implemented in the future to increase game variability.

# INSPIRATIONS & EXAMPLES

**Whack-a-Mole**: This was our initial inspiration. The core mechanics of hitting an enemy to get rid of them was what inspired Squish N’ Splat. This was intriguing because it was a somewhat mindless game, but got continually more difficult when the moles got faster.



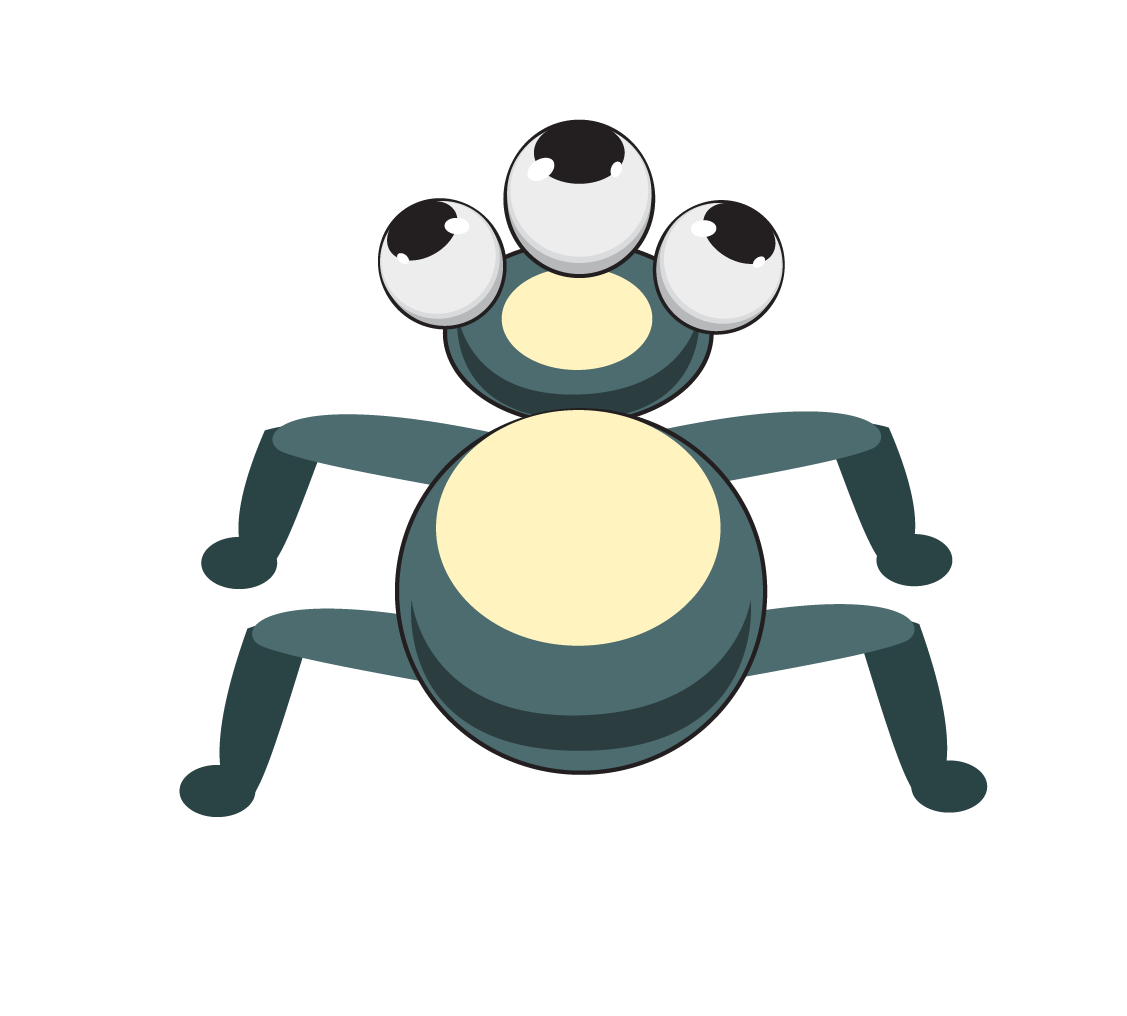
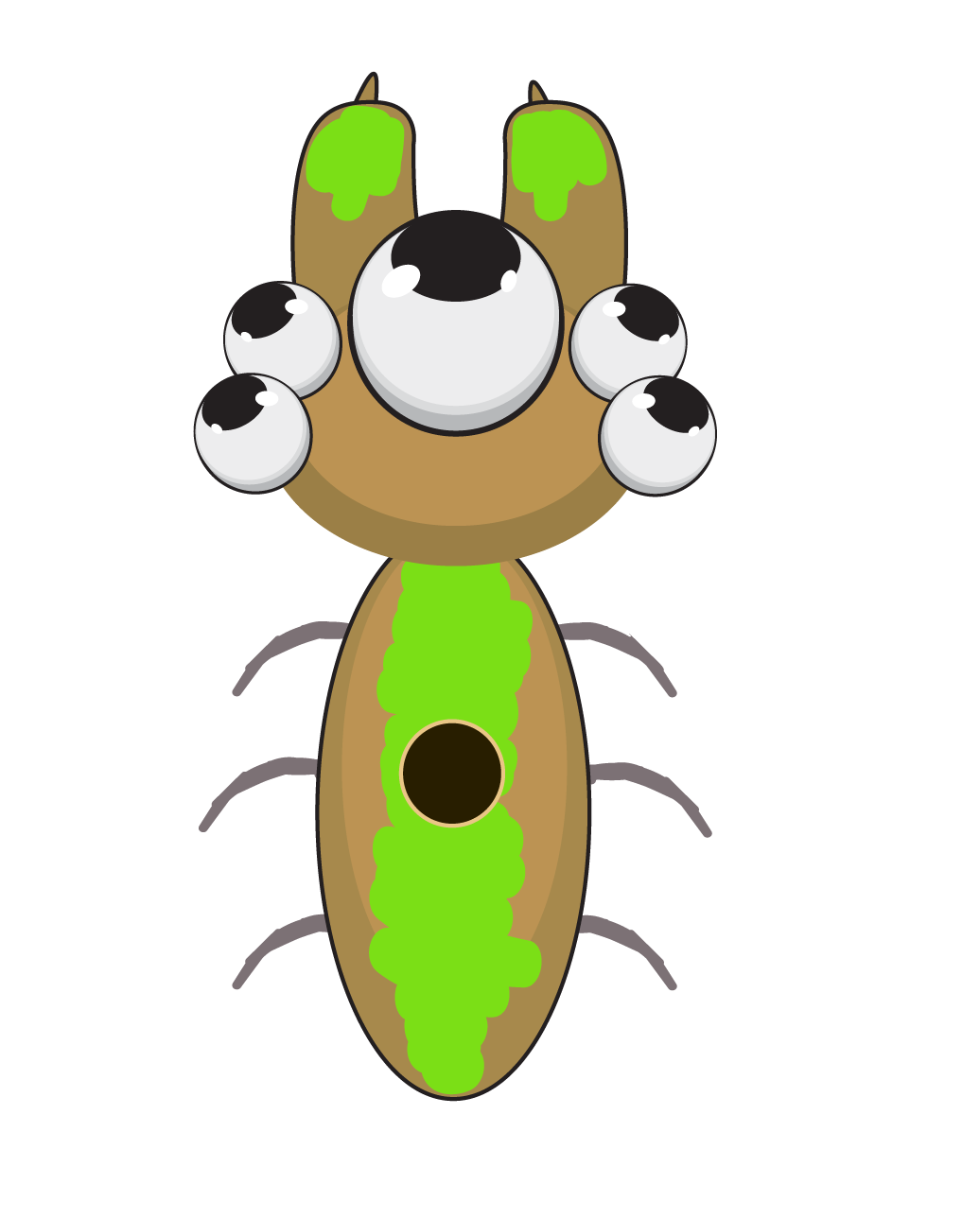
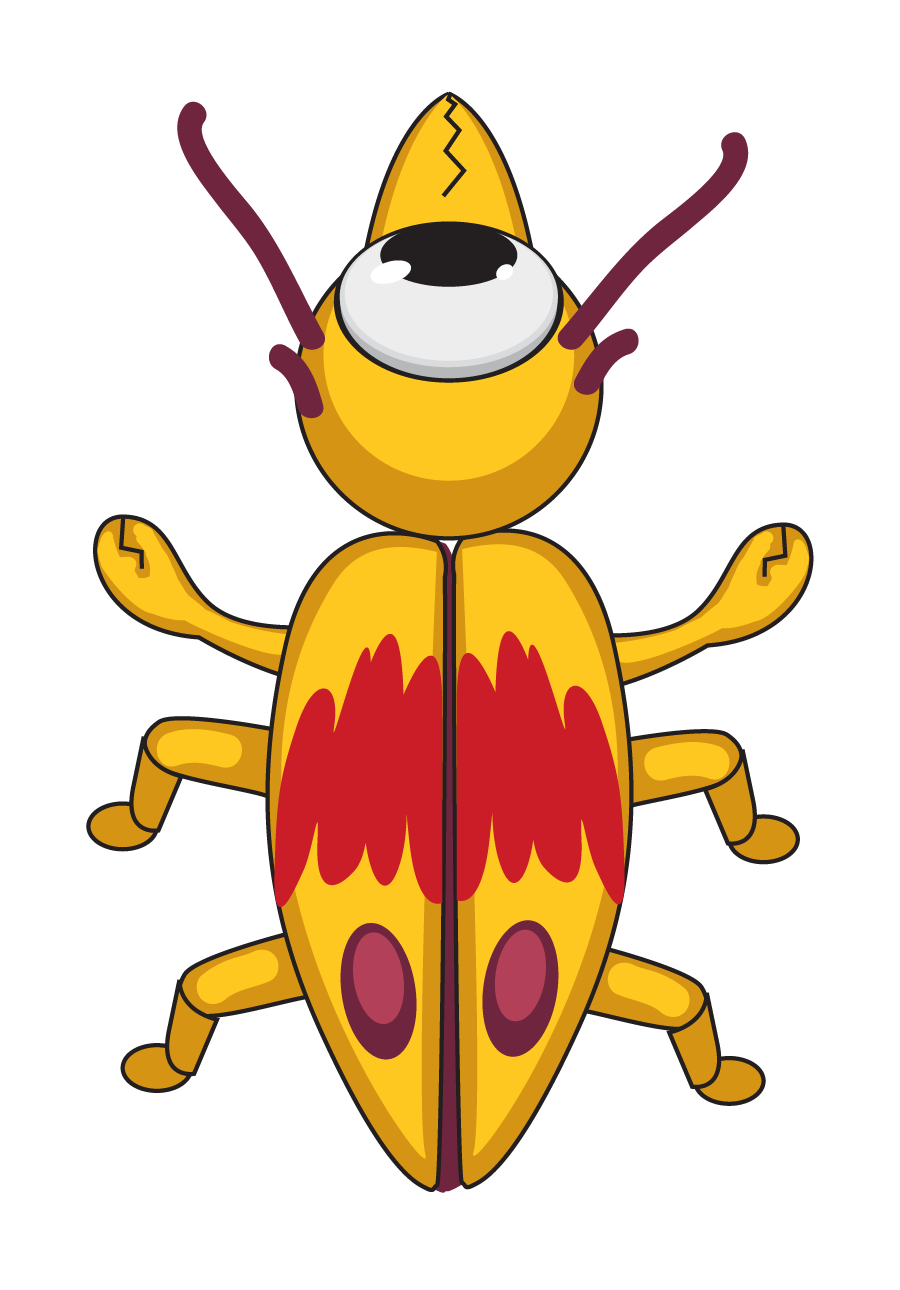
**Clicker Heroes**: Much like Whack-a-Mole, it is an endless clicker game that allows one to “beat” the opponent by hitting or clicking the enemy, using monsters for the enemy.



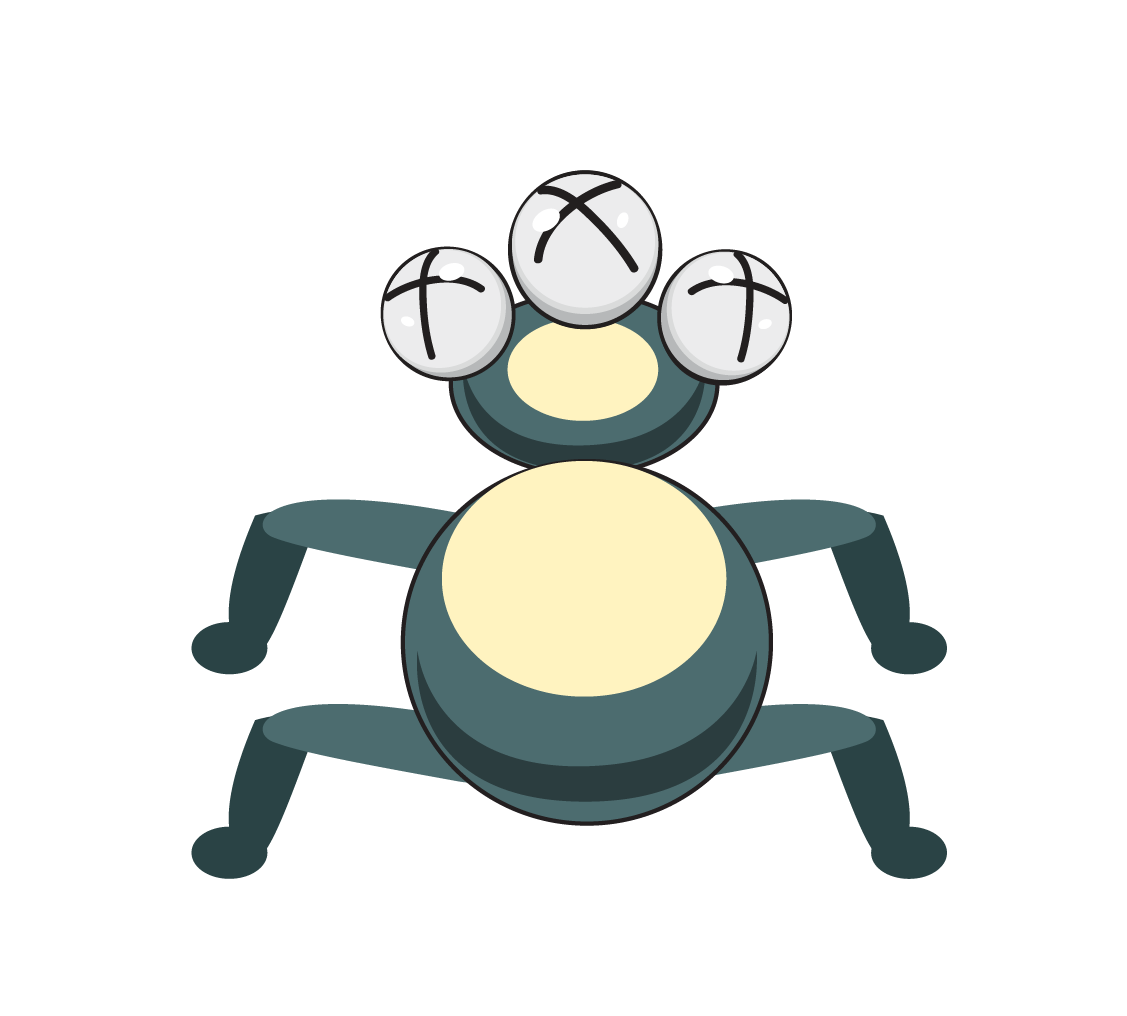
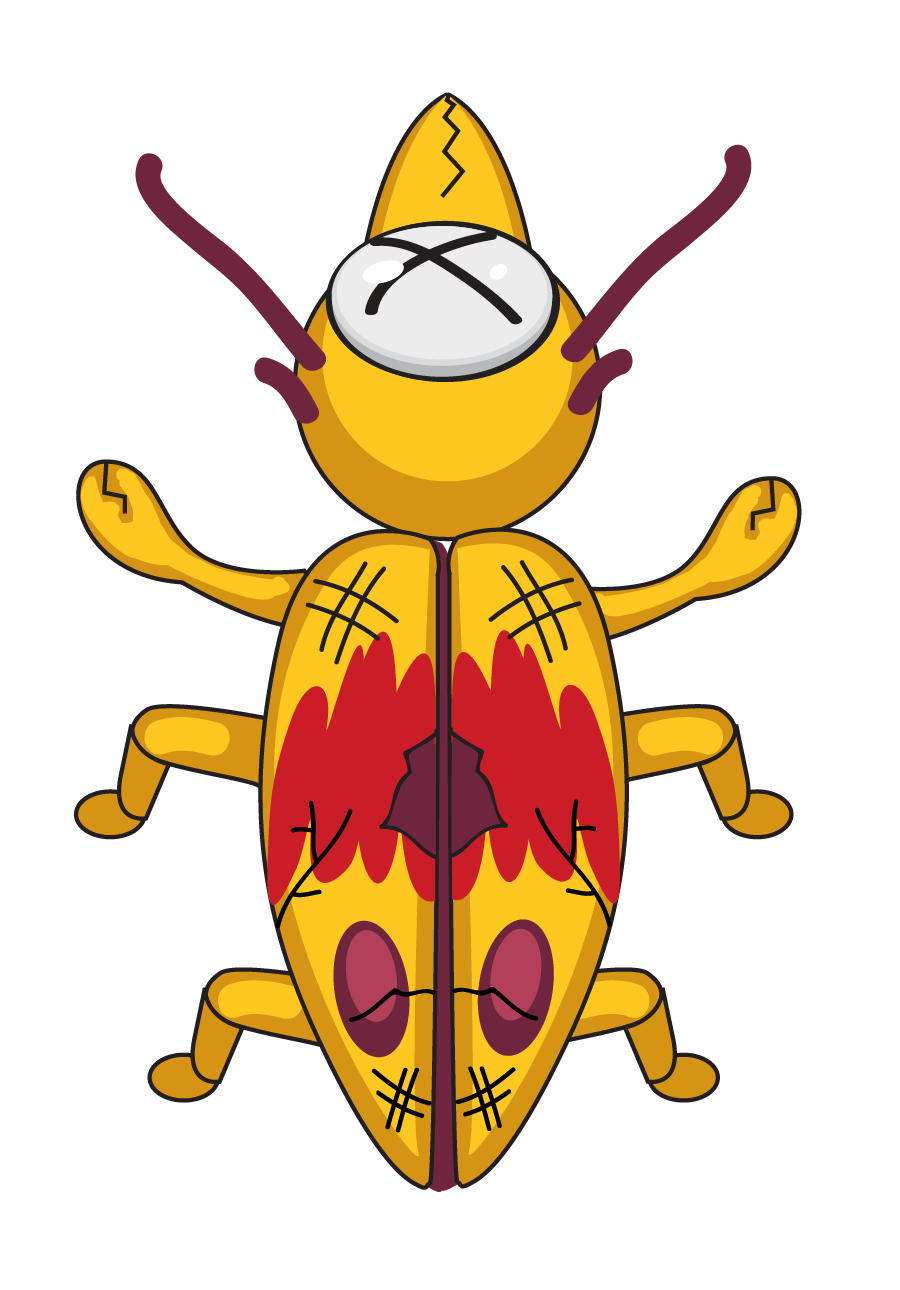
**Plants vs. Zombies**: This game was an inspiration because of the waves of zombies that come for the goal, the house.



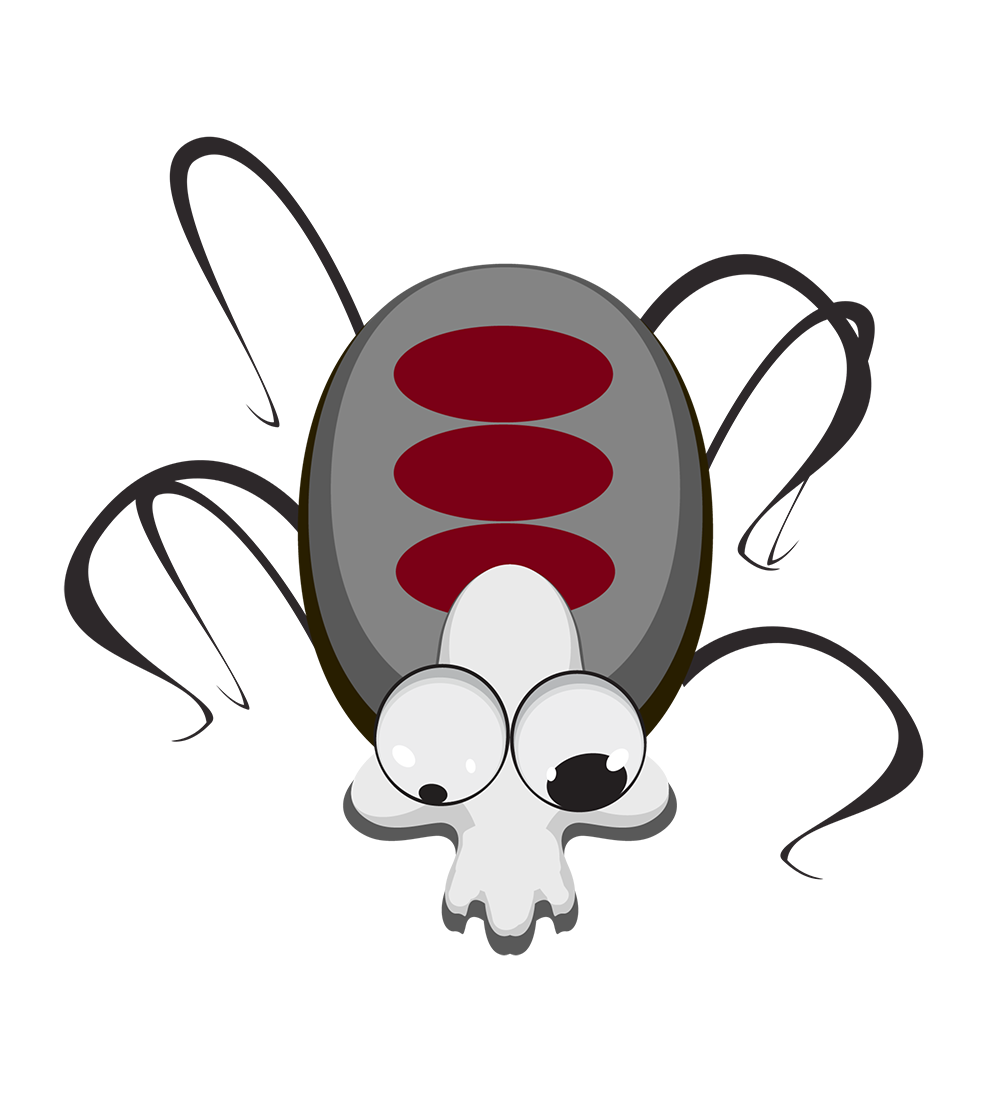
# ASSET LIST



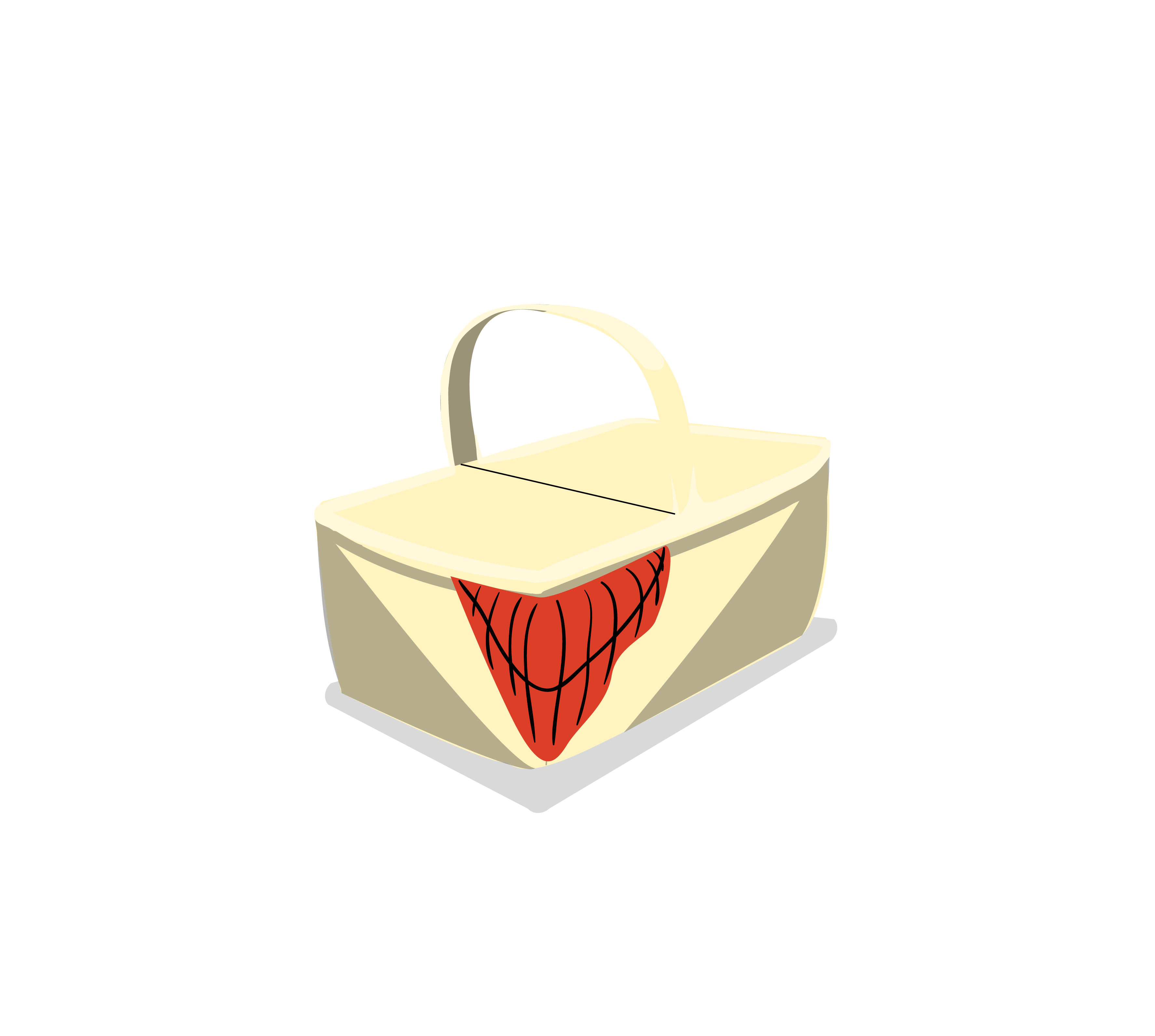
Live bugs that the player must squish, these bugs will have different instances to display the life state of the bugs.



Dead bugs after they have been squished!



Boss bug



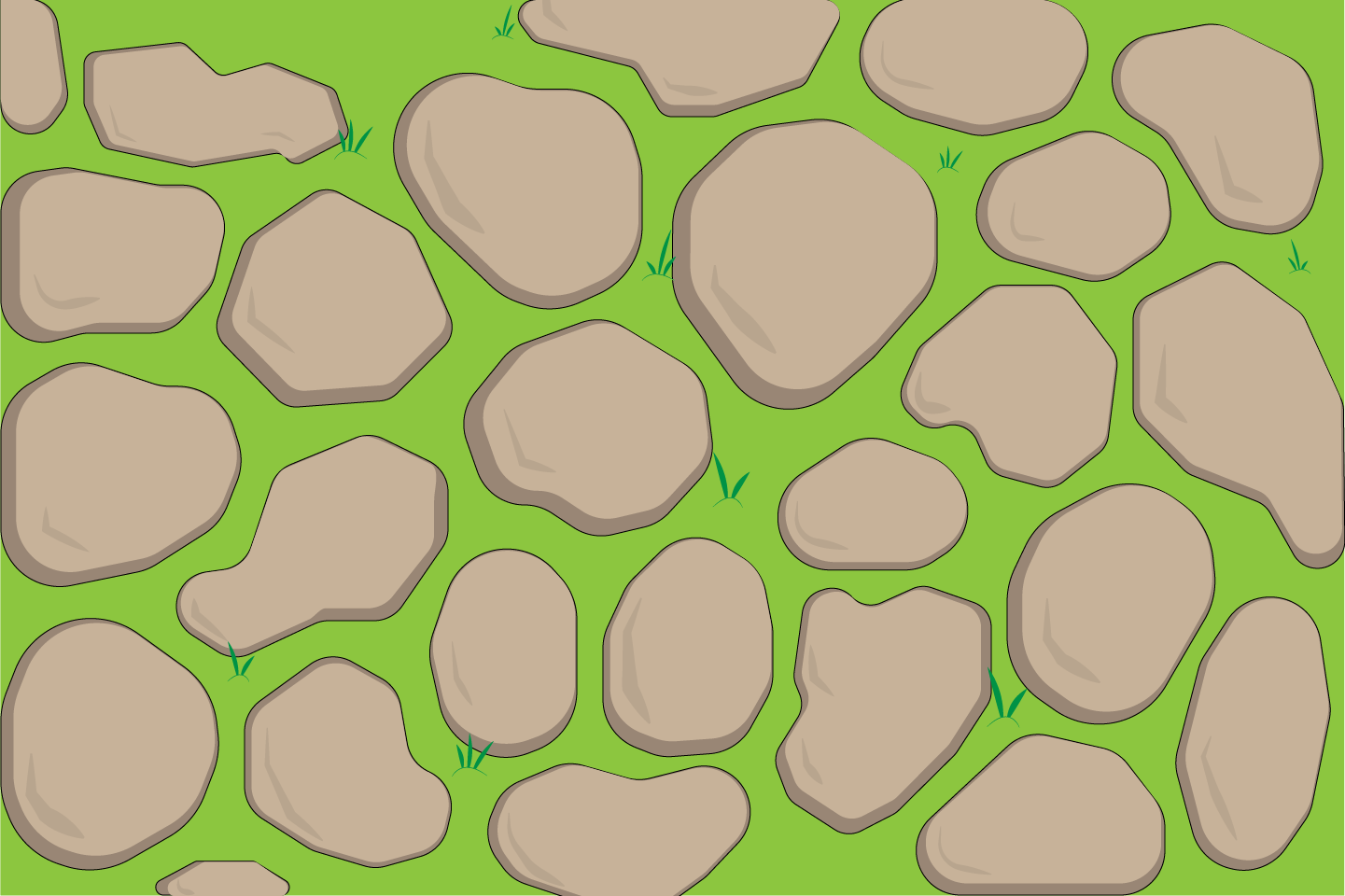
Picnic basket (this is our goal that we must protect)



Blood Effects







Backgrounds

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Menu Song: 

Boss Song: 

Gameplay Song: 

Sound Effects: 