**Mini Game Design Doc Template**

Forked and modified from: [Game Dev Underground](https://docs.google.com/document/d/1npEvqcMZSp0IX2hWw6Qq0WqJVfmVqS_YOGFWnnwfh-A/edit) & [Josehzz](https://gdu.io/dev/josehzz) (under [CC 4.0](https://creativecommons.org/licenses/by/4.0/))

Additional game design resources [here](https://github.com/mikewesthad/Game-Design-Document-Resources).

**Mantra/Tagline**

A single sentence description of the game that you will use to guide design decisions. *Example: an educational infinite running game that tests your mental reflexes.*

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| Collecting picnic food |

**Design Pillars**

List up to 3 words/phrases that convey the feeling or emotion you want the player to experience. *Example: Fast. Cerebral. Smart.*

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| Quick | Strategy | Collect |

**Story/Gameplay Summary**

List what the game is from a gameplay and/or story perspective. *Example: This game places the player into an infinite runner where they have to answer progressively harder trivia questions about geography in order to get power ups and stay alive.*

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| The player has lost their food for their picnic while trying to get to the wonderful picnic location. The player has to find all the missing food without getting hit by the animals of the forest. |

**Storyboard**

What’s the arc of the gameplay? See this [introduction to storyboards](https://www.nngroup.com/articles/storyboards-visualize-ideas/) for user experience design. Use their [template](https://media.nngroup.com/media/articles/attachments/Storyboard-Template.pdf), or something like it with frames that have captions. See some game storyboard examples: [VR game](https://www.artstation.com/artwork/nxzXr), [robo game](https://sites.google.com/site/videogamedesigntsanh/home/storyboard), [platforming game](https://www.storyboardthat.com/storyboards/soradora/storyboard--penguin-jump). Your storyboard should have at least six frames that explain the key features of your game. Think about the progression all the way from title screen to the win/end screen.

A picture containing text, whiteboard

Description automatically generated

**Feature List**

List all the features that you want to include in your game. Don’t worry about implementation - it’s okay to list a feature you don’t know how to make. Everything is a feature - from collectables, to player controls to showing visual feedback when a character is hit, to story voice-overs triggered when you enter a room, to a HUD, to the player’s footstep sounds, etc. If you’ve got less than six features, you are very likely missing things or your features are too big (e.g. “platforming” is not a feature, it’s multiple - player movement controller, level design, player animation, etc.).

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| * Menu * Menu Music * Gameplay Music * Player Movement * Animal Movement * Animations * Layout of level | * Food collecting * SFX of Animals * SFX of Player * SFX of Food * Visual Feedback of getting food * Visual feedback of hitting animal |

**Prototype**

Describe what you’ll need to build for your prototype of the core mechanic of your game. What’s the least you can build to test your idea? *For the infinite runner quiz game, that would mean that, at the bare minimum, my prototype should feature a player object moving forward with obstacles spawning in the way and a way to track when the player hits an obstacle. I would use simple Unity primitives for the player (gray sphere) and obstacles (red boxes).*

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| I’ll need to build a prototype that involves a spawn manager for the food and animals, able to move the player around. A way of tracking collisions of the player with animals and food. |

**References**

Link to at least three links to other pieces of media - books, designs, other games, etc. - that have something similar to what you are trying to accomplish and explain which element you are interested in. It could have similar gameplay elements, a related story motif or an aesthetic you want to remix.

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| <https://www.youtube.com/watch?v=NZDD3ku5Geo> – Kirby Squeak Squad is where the idea of collecting food comes from. Though in Kirby the food heals you, but there’s random food items scattered throughout- and Kirby goes on their wild chase all for some strawberry shortcake that was stolen from them.  <https://animalcrossing.fandom.com/wiki/Animal_Crossing_Wiki> -Though not too similar, the same theme of a bunch of animals and one human is relevant. |

**Target Audience & Platform**

Who is the target audience for the game (e.g. age, interests, type of games they play, when they play)? How does that experience it (e.g. mobile, browser, AR/VR, desktop with keyboard, console with controller site-specific, etc.)? “Everybody” is not a target audience. *For example, for an educational game to teach geography, the target audience might be high schoolers who like to play quick and rewarding casual games, and it will be played in classrooms on PCs with a mouse and keyboard.*

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| All ages, mostly for laid back gamers that want something quick and easy. Fits the flash game aesthetic. |

**Asset Research**

This is primarily a scripting class, so the focus is not on creating your own assets. Look through the free resources to find assets that you are considering for your project. Link them below. At minimum, you should have both visual assets and sound assets linked below.

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| <https://kenney.nl/assets/food-kit>  <https://kenney.nl/assets/nature-kit>  <https://beepbox.co/#8n31s0k0l00e03t2mm0a7g0fj07i0r1o3210T5v1L4u41q1d5f9y1z7C1c0h0H_RJSIrsAArrrrrT1v1L4u76q1d1fay0z1C1c2A0F9B3V1Q1000Pdbc0E0191T0v1L4u12q1d1f7y1z1C0w2c0h2T4v1L4uf0q1z6666ji8k8k3jSBKSJJAArriiiiii07JCABrzrrrrrrr00YrkqHrsrrrrjr005zrAqzrjzrrqr1jRjrqGGrrzsrsA099ijrABJJJIAzrrtirqrqjqixzsrAjrqjiqaqqysttAJqjikikrizrHtBJJAzArzrIsRCITKSS099ijrAJS____Qg99habbCAYrDzh00b4h400000000h4g000000014h000000004h400000000p16000000> -I’ll probably try to make the music |