**Mini Game Design Doc Template**

**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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| 1:1 perfect simulacrum of a carnival game booth |

**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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| Difficult | Possible | Fun Sounds |

**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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| High-score oriented Object throwing game, throw up to 20 balls and hit as many objects as you can. |

**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.

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**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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| * Feature 1 MENUS * Feature 2 * Feature 3 CREDIT SCREEN * Feature 4 EXIT FUNCTION * Feature 5 TARGETS WORK | * Feature 6 COLLISION WITH BALL * ... THROWING THE BALL * ... SCORE COUNTING * ... * ... HIGHSCORE TRACKING |

**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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| Ball throwing that deletes the target upon contact with a simple range set up |

**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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| C… Carnival games? Like I really only need one reference cause I’m just making a carnival game that already exists, but I guess I could reference the game we already made where you throw things to knock them off the table n stuff, also like the timer and moving objects from some of the other things we have done in class. |

**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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| Demographic: People who want to play social games with friends and beat each other’s high score, likely adults age 18-32 |

**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://www.kenney.nl/assets> for physical assets and <https://freesound.org/> for audio blips and bloops |