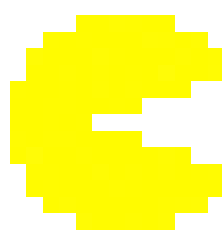# Game Design Documentation

Phase 1

PACMAN

By Shaun Vassallo
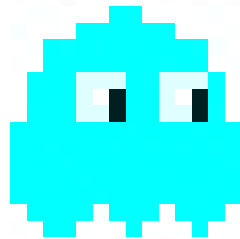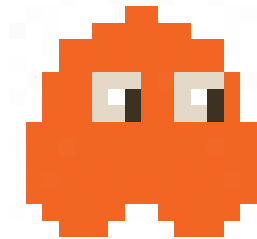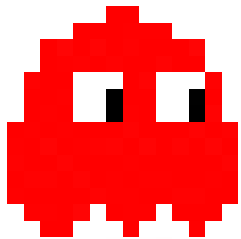
Target Device PC

Gameplay Flowcharts
Pac-Man

Key-Down

Move

Nothing

Point

Ghost

Die

Loss 1 life

No Lifes

Start from Map Center

Finnal Score

Restart Game

Game Mechanics

ESC

W
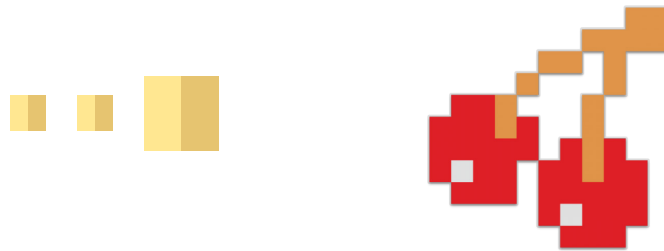
A S D

SPACE
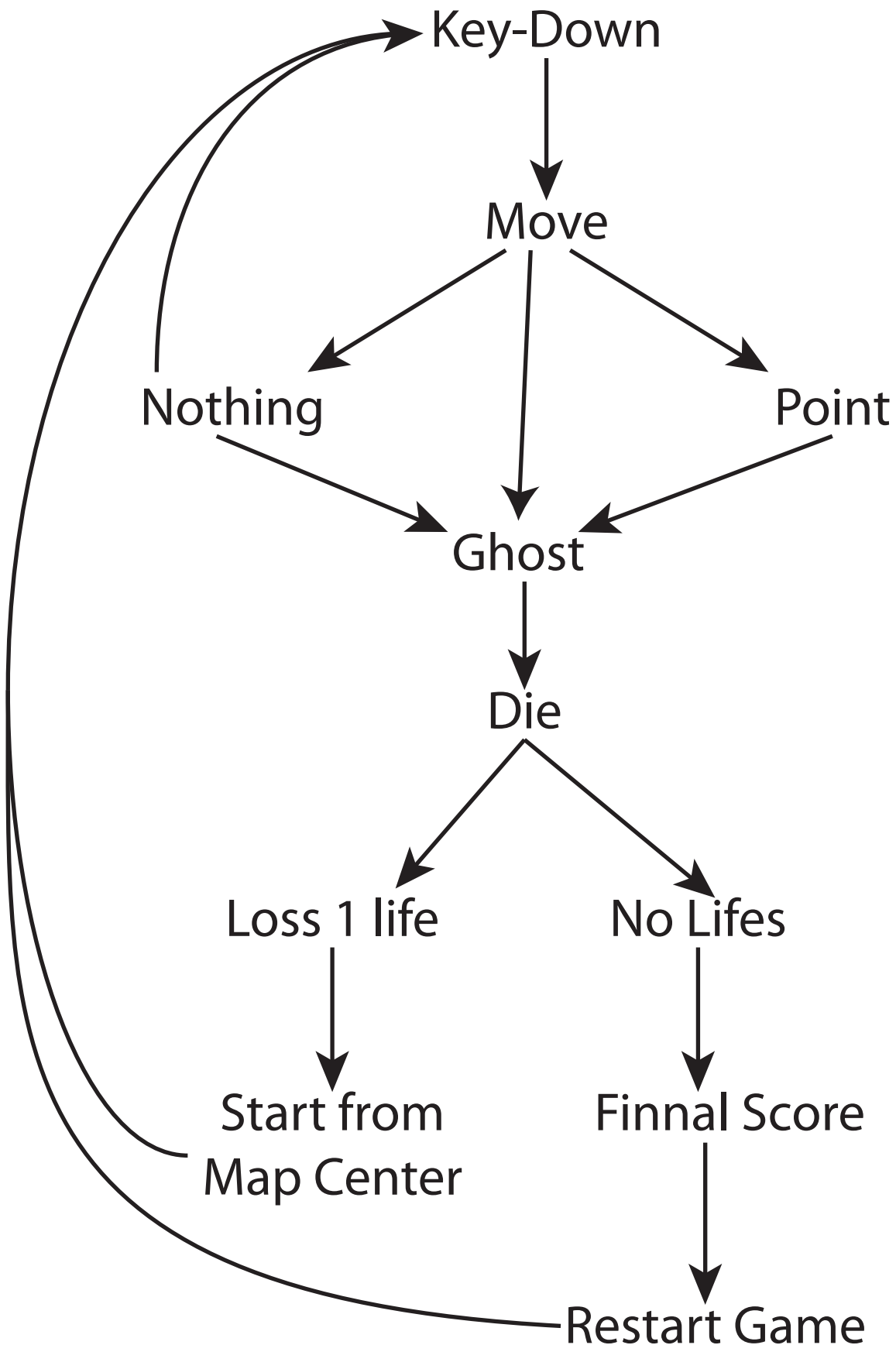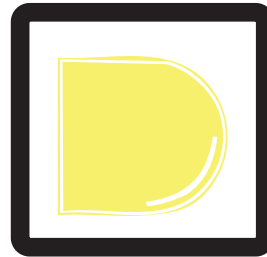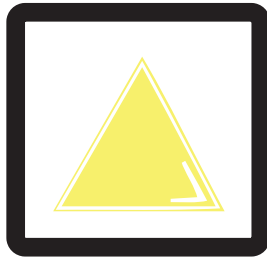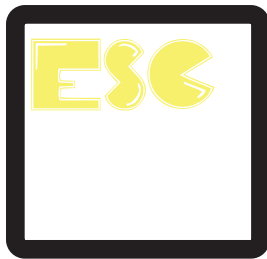
WASD to Move
Collect Items
Loose

Win
Pause
Resume
Quit

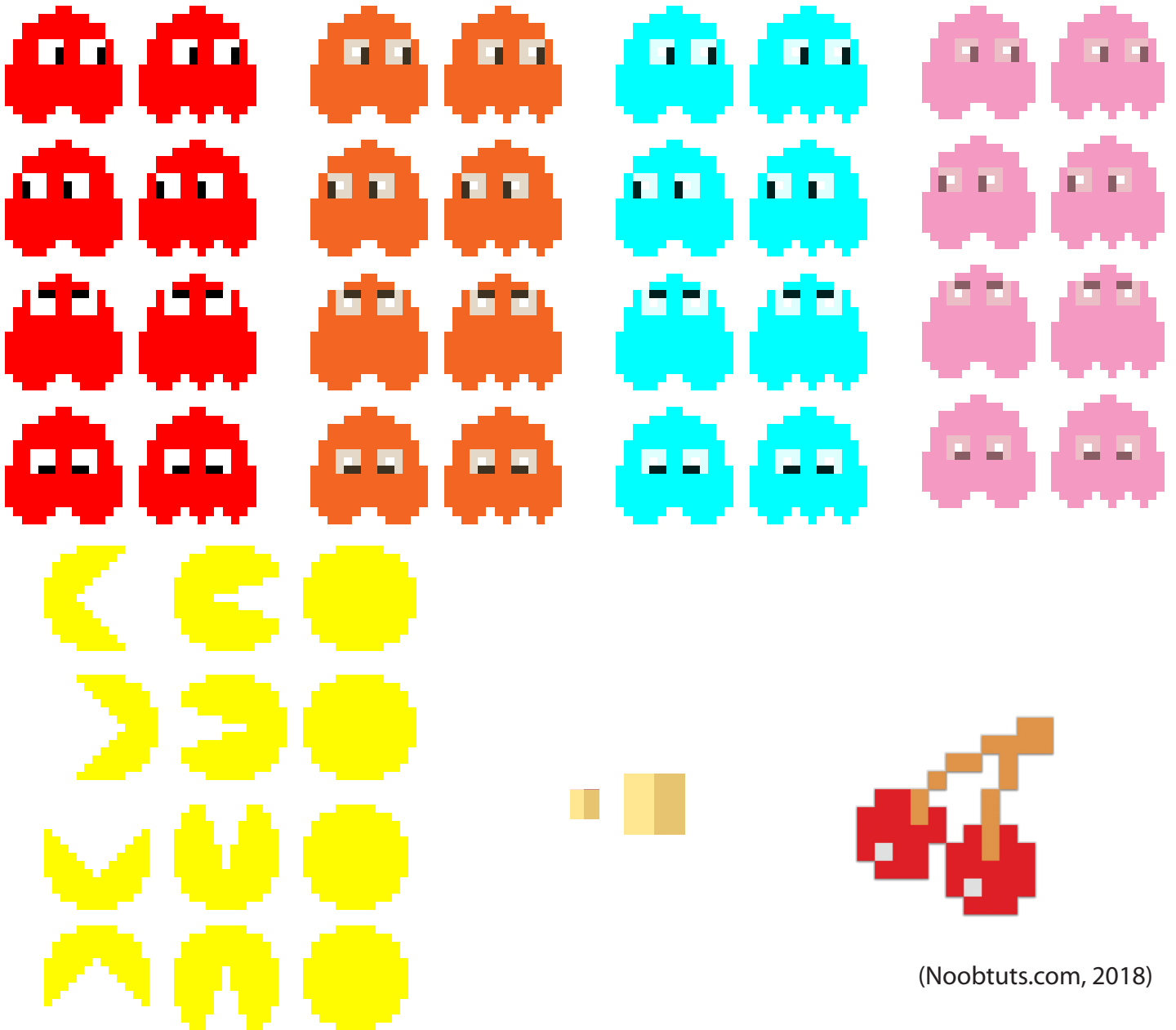# Game Objectives

COLLECT

AVOID
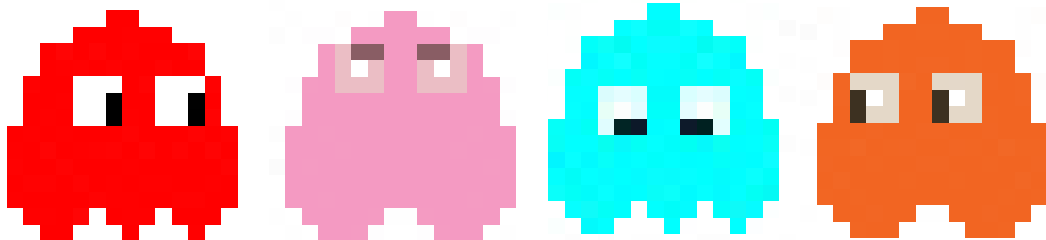
Visual Assets & UI Elements

SPRITES

(Noobtuts.com, 2018)

FONTS

PACFONT

(Classicgaming.cc, 2018)

EMULOGIC

(Dafont.com, 2018)

Game Scenes

SCORE:00

SCORE:00

SCORE:00

SPACEBAR TO CONTINUE

ESC TO MAIN MENU

PAC·MAN

START
HOW TO PLAY
QUIT

HOW TO PLAY

MOVE C WASD

10 POINTS
COLLECT 50 POINTS
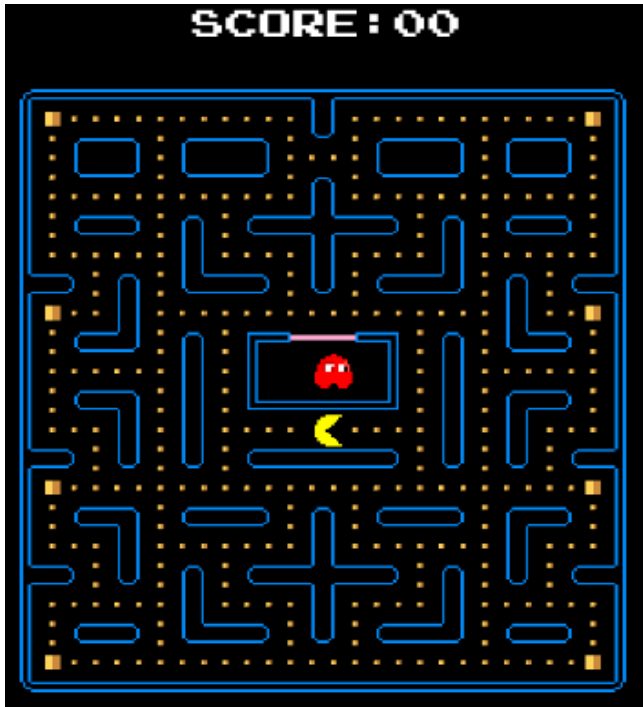100 POINTS

AVOID

ESC GO BACK/PAUSE MENU
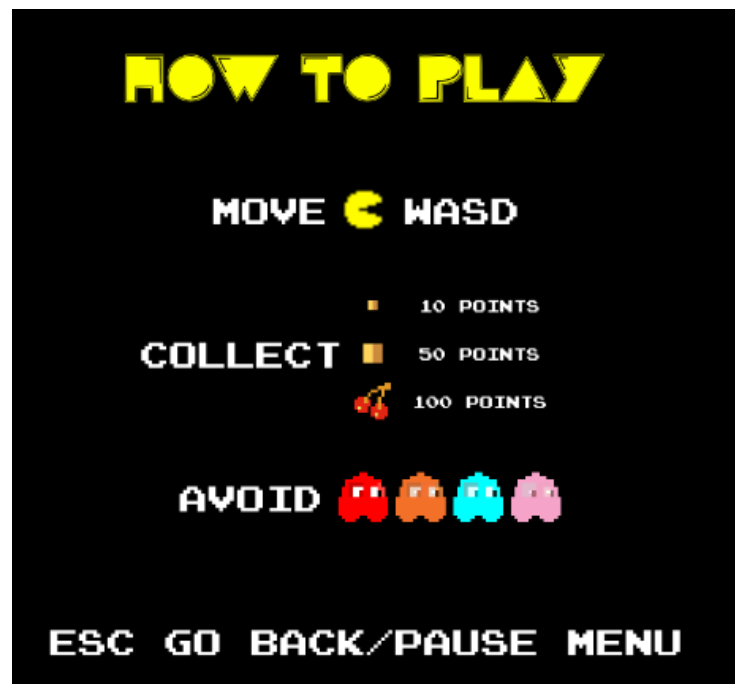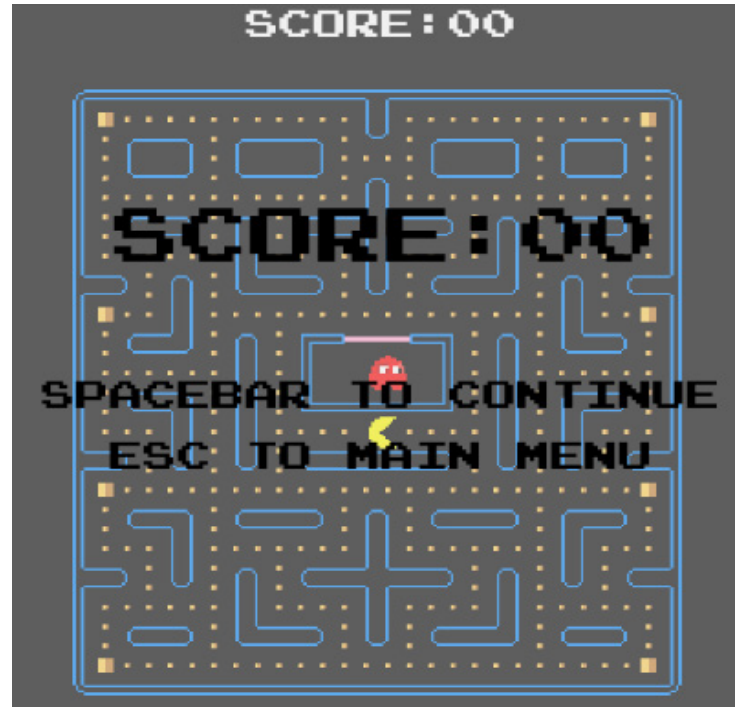
References

Tutorial

Main Game

Noobtuts.com. (2018). noobtuts - Unity 2D Pac-Man Tutorial. [online] Available at: https://noobtuts.com/unity/2d-pacman-game [Accessed 12 Apr. 2018].

Score Counter

Zotov, A. (2018). How to add a score counter into your Unity 2D game? Easy.. [online] You-Tube. Available at: https://www.youtube.com/watch?v=QbqnDbexrCw&list=PLm2Y1DnVy-yNuoxEtUO1fmMfcvFq_hy80D&t=0s&index=1 [Accessed 12 Apr. 2018].

Pause Menu

Brackeys (2018). PAUSE MENU in Unity. [image] Available at: https://www.youtube.com/watch?v=JivuXdrIHK0&t=96s [Accessed 12 Apr. 2018].

Images/Sprites

Noobtuts.com. (2018). noobtuts - Unity 2D Pac-Man Tutorial. [online] Available at: https://noobtuts.com/unity/2d-pacman-game [Accessed 12 Apr. 2018].

Fonts

Classicgaming.cc. (2018). [online] Available at: http://www.classicgaming.cc/classics/pac-man/files/font-pacfont.zip [Accessed 12 Apr. 2018].

Dafont.com. (2018). Pac-Font | dafont.com. [online] Available at: https://www.dafont.com/pacfont.font [Accessed 12 Apr. 2018].