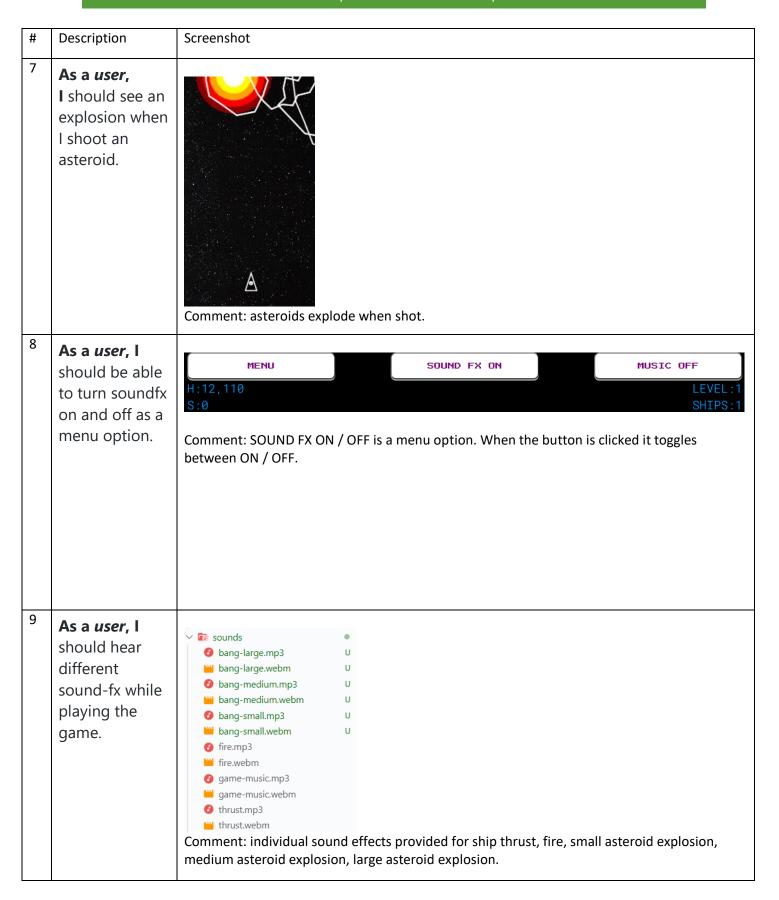
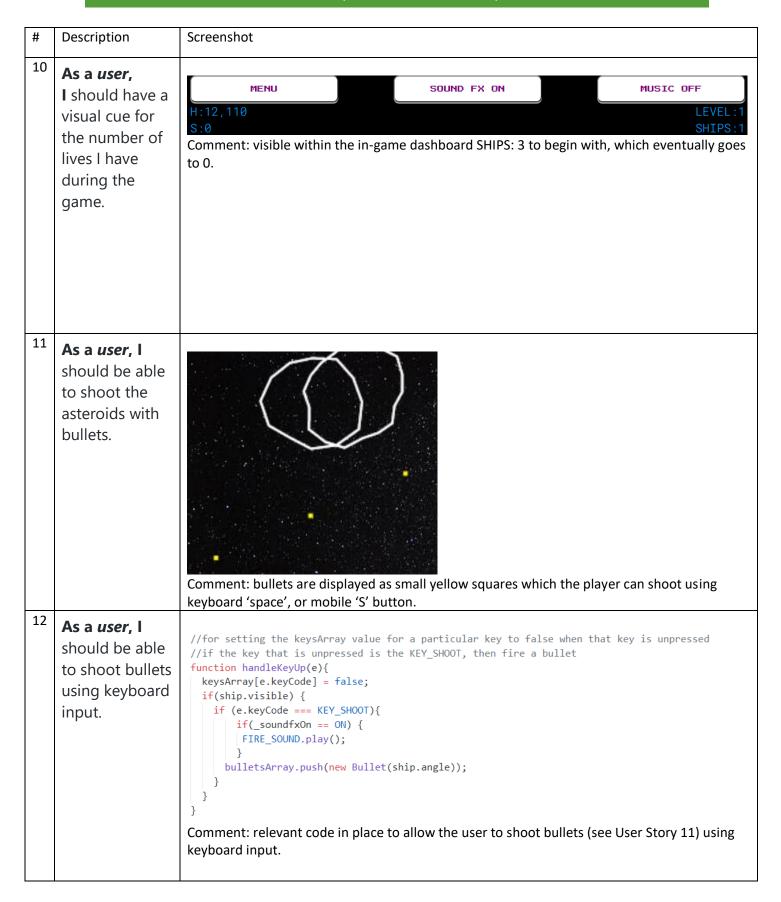
Description Screenshot 1 As a user, I need to have a responsive game, playable from any device (mobile, tablet. desktop). Comment: Game is fully responsive from any device. 2 As a user, I should have an invincibility shield for a set period of time when game restarts. Comment: When the game restarts, the ship has a 3-second invincibility shield. This prevents immediate collisions with asteroid(s). 3 As a user, I should see **GAME OVER** when I lose all my lives. Comment: GAME OVER is displayed when SHIPS: 0

#	Description	Screenshot
4	As a user, I should progress through the game via Levels i.e. Level 1, Level 2, etc.	Comment: game progressions is via Levels. There are an infinite number of levels, dependent on how long the player can survive. With each level comes an increasing number (and speed) of asteroids.
5	As a user, I should have a triangular ship to match the original game.	A. B. B. Comment: finalized ship is an enclosed triangle (B). It was originally an inverted V (A).
6	As a user, I should see irregular shaped asteroids.	A. Comment: original asteroids were regular polygons (A). Finalized asteroids were irregular in shape (B).





#	Description	Screenshot
13	As a user, I should be able to move the ship using keyboard input.	<pre>//for checking if ship is moving forward, left, or right function checkKeyboardInput() { ship.movingForward = keysArray[KEY_UP_ARROW]; if (keysArray[KEY_LEFT_ARROW]) { ship.rotate(LEFT); } if (keysArray[KEY_RIGHT_ARROW]) { ship.rotate(RIGHT); } } Comment: part of the code to move the ship left, right and thrust forward using keyboard input.</pre>
14	As a user, I should be able to move my ship forwards, backwards, left, and right.	Comment: using keyboard input, ship can move forward, right, down, left, and any angle inbetween.
15	As a user, I should have my ship render onto the centre of the canvas at the start of the game.	Comment: ship is always rendered to centre of canvas at the start of the game.

#	Description	Screenshot
16	As a user, I should feel friction when my ship is no longer moving forward, and my ship should finally stop.	<pre>//add friction this.velY *= this.frictionConstant; this.velX *= this.frictionConstant; //update x and y positions of ship this.y -= this.velY; this.x -= this.velX; Comment: code in place to add friction to the moving ship. The ship will eventually stop.</pre>
17	As a user, I should be given 3 lives at the start of the game.	SHIPS: 3 Comment: user is always provided with x3 ships at the start of the game.
18	As a user, I should have a visual cue (explosion) when my ship is hit by an asteroid.	GAME COMMENT: ship explodes when hit by an asteroid.

#	Description	Screenshot
19	As a user, I should have a visual cue (afterburner at back of ship) when my ship is thrust forward.	Comment: afterburner present at back of ship when thrust forward.
20	As a user, I should see my score increment every time I shoot an asteroid. Different asteroids get different points.	H:20,460 S:860 Comment: score (identified by 'S' above) increments every time the player shoots an asteroid. const SCORE_LARGE_ASTEROID = 20; //for setting score of hitting large asteroid const SCORE_MEDIUM_ASTEROID = 50; //for setting score of hitting medium asteroid const SCORE_SMALL_ASTEROID = 100; //for setting score of hitting small asteroid
21	As a user, I should see my ship reappear on the opposite side of the screen if I move off-screen.	A. Comment: ship on top of screen (A) reappears at bottom of screen (B) when moved off-screen. This works anywhere on the canvas.

Description Screenshot 22 As a user, I should see the large and medium sized asteroids break up into x2 smaller asteroids when hit by a bullet. Comment: large asteroids break up into x2 medium (white colored) asteroids. Medium asteroids break up in x2 small (green colored) asteroids. 23 As a user, I //for setting up an asteroid belt should find the function setupAsteroids() { game easy to //set the speed of the asteroid based on the level number let speedAsteroid = _level * 0.2 + 1; begin with, and as the game Comment: See User Story 4. Progression is made up of levels. With each level the number of progresses it large asteroids increase by x1 (Level 1 has x4 large asteroids, Level 2 has x5 large asteroids, should get etc.) and the speed of all asteroids increases as each level increases - determined by code increasingly above. more difficult. 24 As a user, I should be able to shoot bullets 5:2,080 by tapping a "FIRE" button You scored when on mobile. Comment: on mobile the user shoot bullets by tapping the 'S' standing for 'shoot' button. The text 'FIRE' as per user story was replaced by a more universal single letter 'S'.

Description Screenshot 25 As a user, I should be able to move the ship using swipes or a button keypad when playing the game on mobile. Comment: on mobile, a gamepad controller was created, with up, left, right, and 's' buttons allowing the user to move around the ship. 26 As a user, I should be able HIGH SCORE to click on a **HIGH SCORES** menu button, and be presented with the highest score. START MENU Comment: user clicks on 'HIGH SCORE' menu button (A) and is presented with 'HIGH SCORE' screen (B).