Test Documentation

This assessment (4):

Anything added will be highlighted in green like so: **EXAMPLE** Anything removed will be crossed out and highlighted in yellow like so: **EXAMPLE**

Assessment 3 group:

Anything added will be highlighted in yellow like so: EXAMPLE Anything removed will be crossed out and highlighted in yellow like so: EXAMPLE Assessment 1 & 2: No colours

Play Testing

Test ID	Description	Requirement ID	Description	Logic Test Result
1	GameShouldRunTest	SCR_RUNNABLE	The game should run without crashes	Pass
2	FireTruckShouldAttackIfInRa ngeTest	SFR_FORTRESS_DESTROY	Detecting an ET fortress in the firetruck's range should trigger the firetruck to start attacking it with a water jet	Pass
3	FortressShouldGetDestroyed Test	SFR_FORTRESS_DESTROY	After fatally damaging an ET fortress, it should be marked as 'destroyed'	Pass
4	FortressShouldAttackIfInRan geTest	SFR_FORTRESS_ATTACK UR_FORTRESS UR_FUN	Entering the range of an ET fortress should trigger the fortress to start attacking	Pass
5	Fire Trucks Should Have Differ ent Stats Test	UR_FIRETRUCKS_UNIQUE_SPEC	Each firetruck of the four should each have a specific statistic that differs it from the other three	Pass
6	ETShouldHaveUniqueSpecs Test	UR_ET_UNIQUE_SPEC	Each ET fortress should have unique statistics that make it different from other fortresses	<mark>Fail</mark> Pass
7	TruckWaterTankShouldRefill	UR_FIRETRUCKS_REFILL, SFR_ALLOWED_TO_REFILL, SFR_CANCEL_REFILL, SFR_REFILL_OVER_TIME, SFR_REFILL_CONSTANT	Entering the range of the fire station should trigger the water refilling, assuming the water tank is not full	Pass
8	TruckHealthShouldRepairTe st	UR_FIRETRUCK_REPAIR, SFR_ALLOWED_TO_REPAIR, SFR_CANCEL_REPAIR	Entering the range of the fire station should trigger the repairing, assuming the health bar is not full	Pass
9	ETPatrolsShouldDestroyFire StationTest	UR_ET_DESTROYS_STATION, UR_GAME_TIMER SFR_PATROL_FIRESTATION SFR_PATROL_DIFFICULTY	After 15 5 minutes of gameplay, the ET patrols should destroy the fire station	Fail- Not Imple ment ed Pass

10	GameShouldGetToGameOv	UR_WIN_CONDITION,	After destroying all ET	Pass
	erScreenTest	UR_LOSS_CONDITION	fortresses or losing all four	
		SFR_ENDSCREEN	lives, the game should	
			automatically reach the	
			Game Over screen	

11	GameShouldGetToGameOv erScreenTest	SFR_MOVE_WHILE_DAMAGED	Getting hit by a bullet should not <mark>empair</mark> impair the truck's movement abilities	Pass
12	FireTruckShouldMoveWhile WaterTankEmptyTest	SFR_MOVE_WHILE_EMPTY	The fire truck should be able to move even when the water tank is empty	Pass
<mark>13</mark>	FireTruckShouldBeSelected BeforeGameTest	SFR_FIRETRUCKS_STATS, SFR_FIRETRUCKS_SELECTION UR_FIRETRUCK_MIN_START	Before a new game is initiated, the user should be prompted with a fire truck selection screen	<mark>Pass</mark>
14	ScreenShouldSwitchTest	UR_MINIGAME, UR_DIFFICULTY_LEVEL, UR_CONTROLLER, UR_INSTRUCTIONS, UR_COLOUR_ACCESSIBILITY	The user should be able to move between <mark>differnt</mark> different screens without system bugs or crashes	Pass
15	FireTruckShouldNotDriveOn BuildingsTest	SFR_BUILDINGS UR_DRIVE	The firetruck should not be able to drive over buildings tiles	Pass
16	FireTruckShouldNotDriveOn RiversTest	SFR_RIVERS UR_DRIVE	The firetruck should not be able to drive over rivers tiles	Pass
17	HealthBarShouldAlwaysBeVi sibleTest	SFR_HEALTH_BAR	The health bar should be visible at all point int time during gameplay	Pass
18	Water Bar Should Always Be Vi sible Test	SFR_WATER_SUPPLY_BAR	The water bar should be visible at all point int time during gameplay	Pass
19	DifficultyHarder	SFR_PATROL_HEALTH SFR_PATROL_DIFFICULTY SFR_PATROL_DAMAGE UR_PATROL UR_ET_IMPROVEMENT	The game should become harder over time as the fortresses become more difficult to flood and the number of ET Patrols increase.	Pass
<mark>20</mark>	userShouldNotChangeFortres sLocation	SFR_ET_LOCATIONS_NOT_CHA NGEABLE UR_ET_MIN_START	The game should not allow the user to change locations of the fortresses.	Pass
21	FireTruckCounterShouldAccur atelyShowAmountAlive	SFR_DESTROYED_TRUCKS	After a truck has been destroyed, there should be one less life on the heads- up display. This means the truck cannot be used again. This should reset with powerup of respawn.	Pass
<mark>22</mark>	MiniGameOption	SFR_MINIGAME	On the main menu of the game you can click the minigame option and start playing the mini game.	Pass
<mark>23</mark>	ArrowKeysShouldControlTruc kInCorrectDirection	SFR_ARROWKEYS	The user should be able to move the fire truck with Arrow key <mark>s.</mark>	Pass
<mark>24</mark>	FlappyMiniGame		There should be a fully functional mini game based on flappy bird.	Pass

<mark>25</mark>	SavingShouldSaveFireTrucks	UR_SAVING	The user should be able to	Pass
	WithFullHealth	SFR_HEALTH_BAR	save a game when all fire	
			trucks are at full health and	
			load it up with the same	
			health	
<mark>26</mark>	SavingShouldSaveFireTrucks	UR SAVING	The user should be able to	Pass
	WithDifferentHealth	SFR HEALTH BAR	save a game when fire	
			trucks are at differing	
			health and load it up with	
			the same differing health	
27	SavingShouldNotLoadDeadFir	UR SAVING	The user should not be able	Pass
-	eTrucks		to reload a dead firetruck	
			that was dead at the time	
			of saving	
<mark>28</mark>	SavingShouldSaveTheFullWat	UR SAVING	The user should be able to	Pass
_	erTank	SFR WATER SUPPLY BAR	save when fire trucks have	
			full water tanks and load	
			them up with the same	
			amount	
29	SavingShouldSaveWaterWith		The user should be able to	Pass
	DifferingWaterTanks	SER WATER SUPPLY BAR	save when fire trucks have	
		<u></u>	different water levels and	
			load them with the same	
			difference (this including	
			empty)	
30	SavingShouldLoadTheCorrect		The user should keep the	Pass
	Difficulty		same difficulty (and	
	Difficulty		changes in stats) when	
			loading in a game	
31	SelectDifficultyBeforeGame		The user should be able to	Pass
-	beletibiliteartybelorebarre		select between 3	
			difficulties before entering	
			the game. Fasy, medium.	
			and hard	
32	FasyModeShouldOnlyInclude		The easy mode should only	Pass
	FasyStats	UR DIFFICULTY LEVEL	load 2 UEOS, have twice	
			the health and water tank.	
			and twice the spawn rate	
			of UFOs (60 seconds)	
<mark>33</mark>	MediumModeShouldOnlyIncl	SFR DIFFICULTY	The easy mode should only	Pass
	udeMediumStats	UR DIFFICULTY LEVFL	load 4 UFOS, have standard	
			health and water tank	
			amounts, and standard	
			snawn rate of UEOs (30	
			seconds)	
34	HardModeShouldOnlyInclude		The hard mode should only	Pass
	HardStats		load 8 UFOS have half the	
			health and water tank, and	
			half the snawn rate of UFOs	
			(15 seconds)	
25	MinigameShouldBePlayable		The minigame should be	Pass
	Miniganie Should ber layable		nlavable once triggered	1 433
			and has no huge	
1			and has no bugs.	1

<mark>36</mark>	UserShouldBeAbleToGetOver	UR_MINIGAME	The user should be able to	Pass
	30InMinigame		achieve over the threshold	
			for the maximum powerup	
<mark>37</mark>	MinigameScoreBelowRangeG	UR_MINIGAME	After the player achieves a	Pass
	ivesNoPowerUp	UR_POWER_UPS	score in a specific range	
		SFR_POWER_UPS	and then losses in the	
			minigame, if the score is	
			below 3 they should	
			receive no power-up	
<mark>38</mark>	UnlimitedWaterPowerUpSho	UR_POWER_UPS	When the user has the	Pass
	uldChangeStatAndIcon	SFR_POWER_UPS	Unlimited Water power-up	
			there should be no	
			decrease in water level and	
			the water icon should	
			appear	
<mark>39</mark>	ShieldPowerUpShouldChange	UR_POWER_UPS	When the user has the	Pass
	StatAndIcon	SFR_POWER_UPS	Shield power-up there	
			should be no decrease in	
			health and the shield icon	
			should appear	
<mark>40</mark>	FreezeEnemyPatrolShouldCh	UR_POWER_UPS	When the user has the	Pass
	angeStatsAndIcon	SFR_POWER_UPS	Freeze Enemy Patrol	
			power-up it should stop the	
			UFOs from moving on their	
			patrols and attacking, and	
			the icon should appear	
<mark>41</mark>	RestoreTimeShouldAlterStats	UR_POWER_UPS	When the user has the	Pass
	Andlcon	SFR_POWER_UPS	Restore Time power-up it	
			should reset their time and	
			score but not their progress	
			and the icon should appear	
<mark>42</mark>	ResurrectDeadTruckShouldRe	UR_POWER_UPS	When the user has the	Pass
	storeATruck	SFR_POWER_UPS	Resurrect Dead Truck	
			power-up it should restore	
			one of the dead fire trucks	
			and no icon should appear	
<mark>43</mark>	ResurrectDeadTruckShouldN	UR_POWER_UPS	When the user has the	Pass
	otResurrectIfTrucksAreAlive	SFR_POWER_UPS	Resurrect Dead Truck	
			power-up it should not	
			restore a truck if all are	
			alive and no icon should	
			appear	
44	RainDanceShouldKillAllPatrols	UR_POWER_UPS	When the user has the Rain	Pass
		SFR_POWER_UPS	Dance power-up it should	
			'rain' and all patrols will die	
			and respawn in their	
			elected time.	
<mark>45</mark>	PowerUpBoxesAreRandomAn		The power-up boxes in the	Pass
	dReachable		game should be spawned	
			at random in points that	
			are always reachable	

<mark>Junit tests</mark>

Fire Station Test (Run with JUnit FireStationTest)

<mark>Test</mark> ID	Test function name	Function tested	Function Use	Result <mark>of test</mark>	Test description
JUFS1	fireStationShoul dInitializeCorre ctly()	getCentre()	Returns location of the fire station.	Pass	Checks if the location of the fire station is the correct location.
JUFS2	dieShouldChangeT heTextureOfTheFi restation()	die()	Kills the fire station.	Pass	Checks if the fire station can be destroyed.
JUFS3	updateOnFireStat ionShouldRepleni shWater()	<mark>replenish()</mark>	Repairs the fire trucks health and refills its water supply.	Pass	Checks if fire station can repair and refill a fire truck.

Fire Truck Test (Run with JUnit FireTruckTest)

<mark>Test</mark> ID	Test function name	Function tested	<mark>Function</mark> Use	<mark>Result</mark> of test	Test description
JUFT1	Hitbox()	<mark>getHitbox()</mark>	Returns the	<mark>Pass</mark>	This is a test to check if
			fire truck.		the right size.
JUFT2	<mark>movementTest()</mark>	getDirection()	Returns the	<mark>Pass</mark>	This is a test to check if
			fire truck is		fire truck work
			<mark>facing.</mark>		<mark>properly.</mark>
JUFT3	testInitialisation()	getHealthPoints()	Returns the	<mark>Pass</mark>	This is a test to see if
			<mark>health of the</mark>		the fire truck spawns
			<mark>fire truck.</mark>		with correct amount of
					<mark>health.</mark>
JUFT4	<mark>testRefill()</mark>	getHealthPoints()	<mark>Returns the</mark>	<mark>Pass</mark>	This is a test to see if
		<mark>getCurrentWater()</mark>	<mark>health of the</mark>		<mark>the value of health and</mark>
			<mark>fire truck.</mark>		<mark>the value of water</mark>
			<mark>Returns the</mark>		supply is correct after
			water levels		being repaired and
			<mark>of the fire</mark>		<mark>refilled.</mark>
			truck.		

Fortress Test (Run with JUnit FortressTest)

<mark>Test</mark> ID	Test function name	Function tested	Function Use	<mark>Result</mark> of test	Test description
JUF1	takeDamageShouldRe sultInCorrectDecre aseInHealth()	damage()	Lowers the health of a fortress by the amount within the brackets.	Pass	This test checks if damage to a fortress lowers the health by a correct amount.
JUF2	deathShouldChangeD isplayableTheFortr ess()	death()	Removes a fortress from being active and	Pass	This test destroys a fortress and checks if it

			displays it as a destroyed state.		is displayed as a destroyed state.
JUF3	<pre>setPositionShouldS etNewPositionAndRe turnCorrectCentre()</pre>	getCentre()	Returns the location of the fortress.	Pass Pass	This test checks if the fortress is in the right location.
JUF4	<pre>setPositionShouldS etTheCorrectPositi</pre>	getPosition()	Returns the position of the fortress.	Pass	The test checks if the fortress is in the right position. Was combined with JUF3 but separated since testing different functions

Goose Test (Run with JUnit GooseTest)

<mark>Test</mark> ID	Test function name	Function tested	Function Use	Result <mark>of test</mark>	Test description
JUG1	movementTest()	getY()	This returns the y value of the goose.	Pass	The first part of the test checks if the gravity works. The y value should become lower as time goes due to gravity. The second part of the test checks if the jumping function works, this time the y value should be greater to represent the spaceship going up. This checks that the gravity works, the Y value should become lower as time goes due to gravity.
JUG2	hitboxShouldBeToScal eOfGoose()	getHibox()	Returns the value of the hitbox.	<mark>Pass</mark>	This checks if the size of the hitbox generated is correct.
JUD3	movementShouldChange WithUpdatesJumping()	getY()	This returns the y value of the goose.		This was part of JUG1 but since they test partly different aspects it is cleaner if they are apart. This check that the jumping function works with the Y value increasing if the goose is going up

Pipe Test (Run with JUnit PipeTest)

Test	Test function	Function	Function Use	Result	Test description
ID	name	tested		<mark>of test</mark>	
JUP1	. movementTest()	<mark>getX()</mark>	This function	<mark>Pass</mark>	This test is to check if
			<mark>returns the x</mark>		<mark>the movement and the</mark>
			<mark>value of the</mark>		<mark>gravity works within the</mark>
			<mark>pipe.</mark>		<mark>minigame.</mark>

JUP2	testIsRemove()	<mark>isRemove()</mark>	<mark>Returns true if</mark>	<mark>Pass</mark>	This is a test to check if
			<mark>the pipe can be</mark>		<mark>the pipe has been</mark>
			<mark>removed.</mark>		<mark>removed.</mark>
JUP3	<mark>testGetHitboxes()</mark>	getHitboxes()	<mark>Returns the</mark>	<mark>Pass</mark>	<mark>This is a test to see if</mark>
			<mark>hitboxes of the</mark>		<mark>the hitbox is the correct</mark>
			<mark>pipe.</mark>		<mark>size.</mark>
JUP4	testGameEnd()	gameEnd()	Returns whether	Pass	This is a test to see
			the goose		whether the minigame
			<mark>collides with the</mark>		<mark>has finished.</mark>
			<mark>pipe.</mark>		

GameObject Tests (Run with Junit GameObjectTest)

Test ID	Test function name	Function tested	Function Use	Result of test	Test description
JUGO1	<pre>initializationShould SetCorrectValuesToGa meObject()</pre>	GameObjec t() and getPosition()	Returns a value that is used in initialized compared to the same value passed	Pass	This test to ensure the initialization of this class has no problems.
JUGO2	changePositionShould ChangeToCorrectNewPo sition()	.getPosition and changePosit ion()	Returns the position and check against what it should be changed to	Pass	To ensure, at the highest level, that changePosition() and getPosition work with positive values. All relative to current position
JUGO3	changePositionShould ChangeToNegativePosi tion()	.getPosition and changePosit ion()	Returns the position and check against what it should be changed to	Pass	To ensure, at the highest level, that changePosition() and getPosition work with negative values (needed for rendering tricks) all relative to current position
JUGO4	getCentreWillGiveCor rectCentreWithStanda rdPosition()	.getCentre	Returns the calculated center value to pre- calculated values	Pass	To ensure that the calculation method of getting the center of an object works with a standard position (both x and y are positive)
JUGO5	getCentreWithNegativ ePosition()	.getCentre and .getPosition	Returns the calculated center value to pre- calculated values	Pass	To ensure that the calculation method of getting the center of an object works with an irregular position (with negatives). It first ensures the position did changed with a assertEquals of Pos (so if this test fails the developers can see it's the position not center)
JUGO6	<pre>setRotationShouldSet Rotation()</pre>	getRotation and setRotation	Returns the value of rotation	Pass	To ensure, at the highest level, that the rotational setting is not compromised.
JUGO7	setPositionShouldSet VectorToExactInput()	setPosition	Returns the value of the setPosition	Pass	To ensure, at the highest level, that setPositon is working as intended. (Not the same as changePosition)

JUGO8	<pre>setRemoveShouldSetRe moveToInput()</pre>	isRemove() and setRemove	Returns the value of removed which should be the set value	Pass	To ensure that, at the highest level, setRemove() works as intended with no compromise.
JUGO9	dieShouldAlwaysSetRe moveToTrue()	isRemove and die()	Returns false if die() works	Pass	To ensure, at the highest level, that die() works and will set remove to true

Entity Tests (Run with Junit EntityTest)

Test ID	Test function name	Function tested	Function Use	Result of test	Test description
JUE1	initializationShouldS etCorrectValuesToEnti ty()	Entity() and getMaxHeal thPoints()	Returns a value that is used in initialized compared to the same value passed	Pass	This test to ensure the initialization of this class has no problems.
JUE2	isAliveShouldReturnTr ueWhenHealthIsAboveZe ro() ()	isAlive	Returns a Boolean if the entity has health above 0	Pass	Test that isAlive(), which should 'true' if the Entity has greater than 0 health points, returns true when the testEntity has its initialized health
JUE3	applyDamageShouldDecr easeHealthPointsByAmo untGivenWhenEntityIsA Live()	isAlive, applyDama ge, getHealthP oints	applyDamage minuses the health points by the given int	Pass	Test that applyDamage(), which (after checking the entity is alive) applies damage to an entity
JUE4	applyDamageShouldNotI ncreaseHealthWithNega tiveInputs()	applyDama ge, getHealthP oints	applyDamage minuses the health points by the given int	Pass	Test that applyDamage(), does not take negative damage that would heal it.
JUE5	applyDamageShouldNotD ecreaseHealthWithZero Attack()	applyDama ge, getHealthP oints	applyDamage minuses the health points by the given int	Pass	Test that applyDamage() allows for 0 damage and does not remove HP.
JUE6	setMaxHealthPointsFor DifficultyShouldSetBo thHealth()	setMaxHealth PointsForDif ficulty	It sets both the maxHealthPoi nts variable and then the current HealthPoints of that Entity	Pass	Test that setMaxHealthPointsForDifficul ty() will set both the healthPoints (current) and themaxHealthPoints which is needed for difficulty

JUE7 setMaxHealthPo DifficultyDoes egative(JUE8 setMaxHealthPo DifficultyWill ()	intsFor setMaxHealt NotSetN PointsForDi) ficulty intsFor setMaxHealt SetZero PointsForDi ficulty	It sets both the maxHealthPoi nts variable and then the current HealthPoints of that Entity It sets both the maxHealthPoi nts variable and then the current	Pass	Test that setMaxHealthPointsForDifficul ty will not set negative health points and will keep the current values Test that setMaxHealthPointsForDifficul ty will set the value of maxHealth and healthPoints to zero
JUE9 addHealthShoul lthPointsNot	dAddHea Max() ge, getHealthP oints, addHealth	HealthPoints of that Entity addHealth will add a value to the current healthPoints	Pass	Test that addHealth() adds health to damaged entity - not hitting the max healthPoints
JUE10 addHealthShoul HealthPointsOv althPoints	dNotAdd erMaxHe s() getHealthP oints, addHealth	addHealth will add a value to the current healthPoints	Pass	Test that addHealth() add health but caps at maxHealthValue
JUE11 setHealthPoint SetNewHealthPo owMax()	sShould getHealthP intsBel setHealthPo ints	setHealthPoin ts will set the current healthPoints to the passed value	Pass	Test that setHealthPoints() sets a new health points that are below max
JUE12 SetHealthPoint NotSetAboveMax oints()	sShould HealthP setHealthPoints, setHealthPo ints, getHealthPo oints	I setHealthPoin ts will set the current healthPoints to the passed value	Pass	Test that setHealthPoints() does not set new health points to above max health points
JUE13 applyDamageSho emoveToTrueWhe ero()	uldSetR isRemove, nBelowZ applyDama ge	applyDamage minuses the health points by the given int	Pass	Test that applyDamage() sets the entity to be dead to then be removed
JUE14 applyDamageSho sAliveToFalseW wZero()	uldSet1 applyDama henBelo ge	applyDamage minuses the health points by the given int	Pass	Test that applyDamage() sets entity to be not alive

All the tests passing

\sim		Test Results	1 s 923 ms
	\sim	🗸 com.dicycat.kroy.AllTests	1 s 923 ms
		dieShouldChangeTheTextureOfTheFirestation	65 ms
		 fireStationShouldInitializeCorrectly 	4 ms
		🛩 updateOnFireStationShouldReplenishWater	11 ms
		✓ Hitbox	30 ms
		✓ setDefenceUpShouldSetFlag	22 ms
		🗸 movementTest	19 ms
		✓ testInitialisation	22 ms
		✓ testRefill	14 ms
		🛩 objectInRangeShouIdReturnFalselfNotInRange	24 ms
		🗸 objectInRangeShouldReturnTruelfInRange	23 ms
		\checkmark takeDamageShouldResultInCorrectDecreaseInHealth	10 ms
		 setPositionShouldSetTheCorrectPosition 	7 ms
		 setPositionShouldSetNewPositionAndReturnCorrectCentre 	6 ms
		🗸 deathShouldChangeDisplayableTheFortress	5 ms
		 hitboxShouldBeToScaleOfGoose 	426 ms
		< movementShouldChangeWithUpdatesJumping	386 ms
		< movementShouldChangeWithUpdatesGravity	380 ms
		🛩 isAliveShouldReturnTrueWhenHealthIsAboveZero	3 ms
		 initializationShouldSetCorrectValuesToEntity 	2 ms
		✔ setMaxHealthPointsForDifficultyShouldSetBothHealth	2 ms
		🛩 applyDamageShouldDecreaseHealthPointsByAmountGivenWh	enEnti 2 ms
		🗸 addHealthShouldAddHealthPointsNotMax	2 ms
		 applyDamageShouldNotDecreaseHealthWithZeroAttack 	2 ms
		 applyDamageShouldSetRemoveToTrueWhenBelowZero 	2 ms
		 setHealthPointsShouldNotSetAboveMaxHealthPoints 	2 ms
		 applyDamageShouldSetIsAliveToFalseWhenBelowZero 	2 ms
		 setHealthPointsShouldSetNewHealthPointsBelowMax 	1 ms
		 applyDamageShouldNotIncreaseHealthWithNegativeInputs 	2 ms
		addHealthShouldNotAddHealthPointsOverMaxHealthPoints	1 ms
		✓ setMaxHealthPointsForDifficultyWillSetZero	1 ms
		 setMaxHealthPointsForDifficultyDoesNotSetNegative 	3 ms
		 getCentreWillGiveCorrectCentreWithStandardPosition 	2 ms
		 dieShouldAlwaysSetRemoveToTrue 	2 ms
		setRotationShouldSetRotation	2 ms
		setPositionShouldSetVectorToExactInput	2 ms
		 InitializationShouldSetCorrectValuesToGameObject 	2 ms
		ChangePositionShouldChangeToCorrectivewPosition	2 ms
		getCentreWithNegativePosition	1 ms
		ChangePositionShouldChangeTolvegativePosition	2 ms
		setkemoveshouldsetkemoveloinput	2 ms
		 movement lest 	270 ms
		 testGattLithever 	5/9/05
		✓ testdetmitboxes	5 ms
		cettrozen Chauld Chan an Variable Frazer Ta Arrows and the set of the set	7 ms
		 sectozenonouruchangevanabiertozen toArgument sectozen zert 	0 mc
		 testing test initialization Should Set Correct\/aluerTel/EC 	7 mc
		+ initializationshouldSetConectvalues100FO	7 1115

Acceptance Testing

TEST ID	REQUIREMENT ID	FIT	RESULT	EVIDENCE
		CRITERION		
<mark>A_1</mark>	SNFR_INSTRUCTIONS	Instructions	<mark>Pass</mark>	The game has a
		<mark>should cover</mark>		<mark>manual.</mark>
		all features of		
		<mark>the game and</mark>		
		<mark>how they</mark>		
		work.		
<mark>A_2</mark>	SNFR_TARGET_AUDIENCE	<mark>Game should</mark>	<mark>Pass</mark>	<mark>The game has</mark>
		<mark>be based on</mark>		<mark>simple controls,</mark>
		<mark>easy to</mark>		<mark>you only have</mark>
		<mark>understand</mark>		<mark>to use the</mark>
		rules, fast-		<mark>arrow keys to</mark>
		paced and		<mark>play the game.</mark>
		with relatively		<mark>The map is</mark>
		wide range of		<mark>simple and the</mark>
		<mark>bullets'</mark>		shooting is
		<mark>patterns</mark>		<mark>automatic.</mark>
		difficulties		
<mark>A_3</mark>	SNFR_JARGON	All user-facing	<mark>Pass</mark>	The game tries
		<mark>messages</mark>		<mark>to use the least</mark>
		<mark>shall be in</mark>		<mark>amount of</mark>
		<mark>plain English</mark>		<mark>words as it</mark>
		<mark>and will not</mark>		possibly can so
		<mark>use technical</mark>		<mark>it is easy to</mark>
		videogames		<mark>understand.</mark>
		<mark>jargon</mark>		
A_4	SNFR_HIGHSCORES	The game	Pass	The game does
		<mark>should have a</mark>		not currently
		local record of		have a record of
		<mark>the top high</mark>		high scores.
		<mark>scores.</mark>		
<mark>A_5</mark>	SNFR_ACCESSIBILITY	There should	Fail	No colour blind
		<mark>be a way to</mark>		<mark>mode</mark>
		<mark>modify the</mark>		implemented
		<mark>colour scheme</mark>		
		<mark>in the for</mark>		
		<mark>people who</mark>		
		<mark>may be</mark>		
		<mark>colour-blind.</mark>		
A_6	SNFR_MOBILE	The game	Pass	The game is
		should use an		programmed on
		engine which		LIBGDX which
		allows you to		<mark>can be easily</mark>
		easily transfer		transferred to
		from pc to		<mark>android.</mark>
		mobile.		

A 7	SNFR TIME	You should be	Pass	The game on
		able to finish		average took 3
		the game in		minutes to play
		under 5		for each user in
		<mark>minutes.</mark>		<mark>our group.</mark>
A_8	SNFR_SIMPLE	The game	Pass	The game uses
		should use		<mark>up down left</mark>
		arrow keys for		<mark>right arrow keys</mark>
		the controls		<mark>to control the</mark>
		<mark>and the water</mark>		<mark>game and if you</mark>
		<mark>cannons</mark>		<mark>are in close</mark>
		<mark>should be</mark>		<mark>proximity to a</mark>
		<mark>automatic.</mark>		<mark>fortress it will</mark>
				<mark>attack the</mark>
				<mark>fortress.</mark>
<mark>A_9</mark>	SNFR_FORTRESS	<mark>You are able</mark>	<mark>Pass</mark>	<mark>All the</mark>
		<mark>to destroy all</mark>		<mark>fortresses can</mark>
		<mark>the fortresses</mark>		<mark>be destroyed if</mark>
		<mark>in the game.</mark>		<mark>the fire station</mark>
				<mark>is not</mark>
				<mark>destroyed.</mark>
<mark>A_10</mark>	SNFR_SAVING	User being	<mark>Pass</mark>	The game
		able to save		state is saved
		their game in		(position,
		its current		health and
		state in one		water of
		of 3 slots		firetruck, etc)
				and can be
				loaded from
				the same slot
				it was saved
				<mark>into</mark>