Game: Bubble Trouble		Sprint 2	Week 4												
Group: 32															
User story	Task	Assigned to		Priority (1-5)				Points			Sprint tasks	Dinsdag Meeting			
	Create a start button for survival mode	Tim	low	5	0,2	Yes	Needed some help with button backend			Boning	7,66	4	11,66		
	After a certain amount of time, new bubbles are spawned into the game	Boning		5		Yes				Floris	6,7	4	10,7		
As a player, when I'm playing a survival game, I want he game to keep getting harder and harder	Spawn time bubbles decreases over time	Boning	Medium	4	2	Yes				Isha	7,02	4	11,02		
	Bubble size increases over time	Boning				Yes				Naomi	3,78	4	7,78		
	Bubble spawn at random places each time	Boning		3		Yes				Tim	12,22	4	16,22		
	The player has one life	Boning	low	5	0,08	Yes							57,38		
	There is no life powerup in the survival mode	Boning	low	4	0,15	Yes									
	A new powerup can drop: score doubler	Boning	low-medium	1	0	No	Not that important, so didn't implement it				-				
	The same and if and only if the player dies	Poning	low	5	0.25	Von		30		Poning	l asks complete	Tasks not complet	0,5892307692		
	The game ends if and only if the player dies. The score gained by popping a bubble is multplied by 2 if the	Boning	low		0,25	Yes				Boning	18		0,5692307692		
not bounced yet	bubble has not bounced yet	Floris	medium	1	0,2	Yes				Floris		1 1	1,675		
	When the game ends, the player can fill in his name and his name + his score is saved	Boning	medium		1 3	Yes Yes Yes				Isha	18	3 (0,39		
	The highscores are shown on the leader board after the game	Boning	medium	1											
o a player, where i limbir a carrival game, i want to	ends									Naomi		5 1	0,756		
*	Ten highscores are shown on the leader board	Boning	medium							Tim	3	3 (1,5275		
	If the player has a score higher than the lowest high score, the new score will be added to the leader board and the lowest high	Boning	medium												
	score will be deleted.					Yes									-
s a developer, I want my extension to be well thought ut, and documented correctly	Use responsibility driven design for survivial game Use UML for survival game	Naomi	low-medium	5	0,3	Yes		15			Tasks				-
	Add Tests for added code	Naomi Floris	medium	4	2,5	Yes Yes				20					-
	More coverage of tests	Floris	medium	4	3	Yes				20				Tasks not completed	_
	Add javadoc to all methods	Floris	low-medium	4	No	No								Tasks	_
	Restructure code	Tim	high	2	4	Yes				15				completed	
	Remove all unused branches	Boning	low	3	0,08	Yes									
	Split up methods >200 lines	Tim	low-medium	4	2	Yes				sysg 10					
	Remove mains from Screens	Naomi	low	3	0,08	Yes				22					
	Edit pom file in maven	Naomi	low	5	2,5	No				_					
	Add requirements to trello	Tim	low	2	0,02	Yes				5					
	Hand in sprint reflection of last week	Isha	low	5	0,08	Yes									
	Hand in this sprint plan	Isha	low	5	0,08	Yes				0					
	Hand in survival requirements	Isha	low	5	0,08	Yes					Boning Flo	ris Isha	Naomi Tim		
	Hand in walls requirements	Isha	low	5	0,08	Yes						Members			
	refactor levelcreator + let NormalLevelCreator and SurvivalLevelCreator extend from it	Tim	medium	5	0,5	Yes									
	refactor game + let NormalGame and SurvivalGame extend from it	Tim	medium	5	1	Yes									
rganized as possible	rename driver to gameScreen + let NormalGameScreen and	Tim		-	4	Yes									
	SurvivalGameScreen extend from it	****	high	,	-	163									
	refactoring Level Class	Boning	medium	5	2										
	make a score class and refactor the code depending on it	Tim	medium	5	0,5	Yes									
	Create a wall class	Isha	medium	5	0,2	Yes									
	Walls can be added to a level	Isha	low	5	0,1	Yes									
As a player, when I play the game, I want walls in my evel where the ball bounces against and the player	There are 3 subclasses of walls: Player walls, Bubble walls, and Duo walls	Isha	medium	5	0,2	Yes									
	en a bubble hits a player wall, it will go through it	Isha	medium	5	0,1	Yes									
	When a player hits a player wall or a duo wall, the player can't go further into that direction	Isha	medium	5	0,5	Yes									
	When a bubble hits a bubble wall or a duo wall, it will bounce back		medium	3	0,5	res									
	to the other direction	Isha	medium	5	0,5	Yes		30							
	When a player hits a bubble wall, he will go through it	Isha	medium	5	0,2	Yes									
	Neither a player nor a bubble can go through a duo wall	Isha	medium	5	0,2	Yes									
	When a certain condition is met, the wall will dissapear	Isha	medium	5	0,5	Yes									
	A condition for a wall to disappear is depending on the level.	Isha	medium	5	1	Yes									
	Example conditions are: all bubbles are popped, a timer, switch on the roof	Isha	medium-high	4	1	Yes									
	The 3 different types of walls have different colors	Isha	low	4	0,1	Yes									
	Use UML for survival game	Naomi	medium	5	0,3	Yes		15							
	Use responsibility driven design for survivial game	Naomi	medium	5	0,3	Yes		10							
	Add Commit tag	Isha	low	5	0,1	Yes									
	Check Commit tag	Boning	low	5	0,1	Yes	Checked								
	Create sprint plan and requirements	Isha	medium	5	2	Yes			1						
	Restructure drivers. Restructure the main methods. Only have one main method.	Floris	medium	4		I Yes	Created a mainRunner and made Driver an abstract class and two implementations of this abstract class, namely. NormalDriver and SurvivalDriver. The startscreen creates a Driver according to the factory pattern								
							, , , , , , , , , , , , , , , , , , ,								
fain Problems Encountered															
	Too much chaos before the evening of the deadline														
longription:	Lots of things went wrong in the evening before the deadline. So we had to stress to fix everything and to hand it in on time.														
	we had to stress to fix everything and to hand it in on time. This time we will try to finish everything a day before the deadline														
Reaction:	so we have enough time to check everything before we hand it in.														

Description:	When we tested the walls on the different branch, they worked. And when we merged the master in the branch, they worked. But after we added more features, they walls suddenly didn't work anymore						
Reaction:	Always run regression tests when adding new features and better code reviews						
Problem 3	Two drivers with two mains						
Description:	We had two drivers in our code which had two main methods.						
Reaction:	We implemented a new class called MainRunner which was supposed to solve the issue with having two main methods in each driver. We also made a abstract class called Driver to give a good template for the other two drivers. This enabled us to make a factory and let the startScreen create the correct driver. This fix enabled us to have only one main method and much nicer and cleaner driver methods						
Problem 4	Not enough working together face to face						
Description:	We wanted to plan an extra project session together, but we couldn't find a time where every member was available.						
Reaction:	This time we will definitely find an extra day to work on the project together. This is more effective and communication is easier.						
Adjustments for the next Sprint Plan							
The next sprint we are definitely going to hand in our wanted. We also want to focus more on testing, and r commit. For the next sprint we're also gonna add who member spend on the project. Next time we will do be	code sooner. Right now it was way too chaotic at the last moment, so naking sure the fest work even after we add new features. We will do to is working on a task, in addition to who is responsible for a task, so w atter and more code reviews for higher code quality.	we couldn't implement all the tasks we this by regression testing after every e can track how many hours each group					
https://blackboard.tudelft.nl/bbcswebdav/pid-2564951	-dt-content-rid-8810024_2/courses/36658-151601/sprintReflection.pdf						