Sprint Retrospective, Iteration #5

Context Project: Virtual Humans in Serious Gaming

Group: Crash Test Dummies

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task (in hours)	Actual Effort per Task (in hours)	Done (yes / no)	Notes
As a developer, I want to visit Tygron so that I can interact with our stakeholders and ask support with the Tygron Engine if I need it.	Discussions at Tygron	Tom	Jannelie	4.0	4.0	Yes	
			~~Jasper~~	~~4.0~~	~~4.0~~		
			Nando	4.0	4.0		
			Tom	4.0	4.0		
			Harmen	4.0	4.0		
As a developer I want to sit down with the other groups and discuss the ongoing developments and divide new tasks.	Discussions with the other groups	Jasper	Jannelie	2.0	2.0	Yes	In specific: the meeting at wednesday morning from 10:00 till 12:00.
			~~Jasper~~	~~2.0~~	~~0.0~~		
			Nando	2.0	2.0		
			Tom	2.0	1.0		
			Harmen	2.0	2.0		
As a developer I want to write a sprint backlog for the next sprint so that I will have an overview of the tasks of next week	Make sprint backlog	Harmen	Jannelie	2.0	2.0	Yes	
			~~Jasper~~	~~2.0~~	~~0.0~~		
			Nando	2.0	2.0		
			Tom	2.0	2.0		
			Harmen	2.0	2.0		
As a developer I want to write a sprint retrospective for this sprint so that I know what we can do better for the next sprint.	Make sprint retrospective	Jannelie	Jannelie	2.0	2.0	Yes	
			~~Jasper~~	~~2.0~~	~~0.0~~		
			Nando	2.0	2.0		
			Tom	2.0	2.0		
			Harmen	2.0	2.0		
As a developer I want create a goal structure with completing the indicators as main goal.	Make use of indicator percepts to make goals for building	Jasper	~~Jasper~~	~~6.0~~	~~0.0~~	No	Because there were problems with the indicator percept, and jasper wasn't part of the team anymore, we only sterted with this task and couldn't finish it.
			Harmen	#N/A	1.0		
			Tom	#N/A	9.0		
	Make use of indicator percepts to make goals for demolishing	Tom	Tom	6.0	0.0	No	Because there were problems with the indicator percept, and jasper wasn't part of the team anymore, we didn't have time for this task.
	Make use of indicator percepts to make goals for buying land	Harmen	Harmen	6.0	0.0	No	Because there were problems with the indicator percept, and jasper wasn't part of the team anymore, we didn't have time for this task.
As a developer I want to be able to build buildings without the use of polygons by having an action that automatically returns the most ideal locations for a building.	Implement the new build action in the tygron environment	Nando	Nando	#N/A	0.0	No	There has been new percepts added to the environment by Frank and Wouter, in addition with some examples. https://github.com/eishub/tygron/commits/master Because we needed to learn what to do and how we should do it, we made a seperate sprint task for learning about this. We discussed with Frank what to do, but it isn't clear yet. We will do this the next sprint.
			Tom	#N/A	0.0		
			Harmen	#N/A	0.0		
			Jannelie	#N/A	0.0		
	The new build action should be properly tested.	Nando	Nando	5.0	0.0	No	Because we didn;t have any code yet, we also couldn't test it.
As a developer I want the bot to be able to sell property.	Implement selling feature	Harmen	Harmen	4.0	4.0	Yes	
As a developer I want the bot to function in the actual TU-wijk map and not in a test map.	Implement bot functionality in the TU-wijk map	Jasper	Jasper	4.0	0.0	No	Jasper stept out of the team and didn't do this task.
As a developer I want to find out whether it is possible to make money as the Service stakeholder.	Find out how to earn money	Jannelie	Jannelie	6.0	6.0	Yes	The dosument containing the explanation and conclusion of these tasks is find by: https://github.com/nskartoredjo/TI2806/blob/master/docs/income/income.pdf
	Find out how much money we can earn per indicator. which will be dependent of the coverage factor.	Jannelie	Jannelie	6.0	4.0	Yes	
As a developer I want to tests the environment, so that we know that the environment is working properly	Make tests for the parts of the environment that aren't properly tested yet	Jasper	Jasper	7.0	0.0	No	This task was for jasper so that he was able to make the hours he missed. But he stept out of the team so this task is not needed anymore.

	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task (in hours)	Actual Effort per Task (in hours)	Done (yes / no)	Notes
EXTRA	Learn the new percept in prep for the new build action	Nando	Nando	#N/A	8.0	No	There has been contact with Frank about this topic via mail. See encountered problems for more info.
		Jannelie	Jannelie	#N/A	4.0		
		Harmen	Harmen	#N/A	7.0		
	Add weekly release	Nando	Nando	#N/A	1.0	Yes	A new relaease has been published: https://github.com/nskartoredjo/TI2806/releases/tag/v0.1.2-alpha
	fix Travis CI	Nando	Nando	#N/A	3.5	Yes	Fix Travis has been merged with the master: https://github.com/nskartoredjo/TI2806/pull/30
	fix zone/5	Tom	Tom	#N/A	5.0	Yes	Zone/6 has been merged with the eishub/context: https://github.com/eishub/tygron/pull/34
			Jannelie	#N/A	2.5		
	HCI	Tom	Tom	#N/A	2.0	Yes	HCI has been merged with the master: https://github.com/nskartoredjo/TI2806/pull/31
			Nando	#N/A	2.0		
			Jannelie	#N/A	2.0		

Main Problems Encountered

Problem 1: Jasper is stopping with the project.

Description:	Jasper didn't do much during the week and Thursday afternoon he had sent us a message that he is stopping with the project. This caused us to not be able to finish all tasks. Also all tasks he was responsible for, or the tasks that depent on those tasks, had a major delay. We suddenly needed to do a lot of work at the end of the sprint, which was impossible. The biggest problem was that we believed that Jasper was doing his tasks, but actually he had done almost nothing.
Reaction:	We delayed all tasks that weren't of the highest priority and started the tasks of jasper that were the most important. We couldn't do much more, which is frustrating. Now we are delayed and we have to move on with less people, so we can do less within a week. We discussed this problem with the TAs

Problem 2: "Use indicators for goals of the stakeholder" tasks is not finished.

Description:	the "use indicators as goals of the stakeholder" sprint used to be Jaspers main task. However due to his absens and eventually quitting the project he didn't made this sprint. Therefor the task has been handed over to Tom who started working on it, but still has to finish it because lack of time. Furthermore since implented the goals for demolishing and buying land are heavily depended on the sprint these have not been finished as well. Although a large part of the work has been done, the due date for these implementations will be extended to next week. Also there were problems with the indicator percept.
Reaction:	Although a large part of the work has been done, the due date for these implementations will be extended to next week. There has been made an issue for teh indicator percept and the group responsible for this is working on it. We will implement his feature as far as we can without using the indicator percept.

Problem 3: "Implementing the new build action" task

Description:	It was discused that our group would take a look at a new build action to prevent polygon operation in GOAL. At tuesday this was communicated with Frank. He also made some preps in the form of adding examples about handling the polygons to get certain areas. Unfortunately this is not enough to implement our feature. Therefor some email trafic was started between us an Frank. Also problem 1 delayed this task.
Reaction:	This sprint got an additional sprint added to specify the learning curve which all members of this sprint had to made. The email trafic had till this weekly sprint not been resolved into a vision about implementing the feature. Therefor this sprint will be carried to the next week.

Problem 4: release 1.0.9	
Description:	There has been a new release this week which had a lot of new percepts and other features. This had to be merged with the eishub/context branch, which took some time. Therefor we were not able those new features.
Reaction:	GOAL programming has been continued with in mind the new features.

Adjustments for the next Sprint

For the next sprint, we will move on with four persons. We want to have a proper demo to show and also to be able to have the new building action. This will cause a lot of work, so we will work much harder this week. Also we continue with implementing GOAL even if the indicator percept won't work. In this way we are able to go on with the bot and we don't need to wait.