

Sprint Backlog, Iteration #6

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	
			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	Nando	Jannelie	2.0	2.0	yes	In specific: the meeting at wednesday morning from 10:00 till 12:00.
			Nando	2.0	2.0		
			Tom	2.0	2.0		
			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	
			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	
			Nando	2.0	2.0		
			Tom	2.0	2.0		
			Harmen	2.0	2.0		
As a developer I want Interactive Design to be a part of my project, so that we learn more about the product.	Go to the feedback session on wednesday	Nando	Nando	0.25	0.25	yes	The meeting is wednesday 1st of June in room HB12.080 - 16:30 till 16:45.
			Harmen	0.25	0.25		
			Tom	0.25	0.25		
	Prepare the feedback session on wednesday	Jannelie	Jannelie	1.0	1.0	yes	
As a developer I want to go to the SIG lecture, so I know how to use SIG and get an advantage of using SIG	Visit SIG Lecture on Wednesday	Harmen	Nando	2.0	2.0	yes	
			Harmen	2.0	0.0		
			Tom	2.0	2.0		
As a developer I want to keep the architectural design document updated, So that I can show how our code is designed.	Update the architectural design document at the end of the day	Tom	Tom	1.0	2.0	yes	
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	Tom	Tom	4.0	4.0	yes	
	Make use of indicator percepts to make goals for demolishing	Tom	Tom	4.0	4.0	yes	
	Make use of indicator percepts to make goals for buying and selling land	Harmen	Tom	4.0	2.0	yes	This cannot be fully completed yet because some of the requirements depend on new implementations that have still to be made by Wouter.
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	7.0	0.0	no	This sprint has been halted due to the rush for the demo friday.
			Tom	7.0	0.0		
	Discussing the structure of the new build action with members of the tygron repository (Frank and Wouter)	Nando	Nando	5.0	1.0	yes	After the discussion, we will split the tasks in smaller parts and then we are able to implement the build action
	The new build action should be properly tested.	Nando	Nando	4.0	0.0	No	This sprint could not be finished due to the halting of the "Implement the new build action in the tygron environment" sprint.
As a developer I want the bots to be properly tested, so that we know that the bot is working properly.	Test demolish actions	Harmen	Harmen	1.0	0.0	No	due to lack of time, will be done next week
	Test building actions	Harmen	Jannelie	1.0	1.0	yes	
	Test buying actions	Jannelie	Jannelie	1.0	0.0	No	due to lack of time, will be done next week
	Test selling actions	Jannelie	Jannelie	1.0	0.0	No	due to lack of time, will be done next week
As a developer I want the bot to function in the actual TU-wijk map and not in a test map, so that we can make a nice demo of it.	Re-evaluate the indicators in the TU-wijk map	Jannelie	Jannelie	1.0	1.0	Yes	
	Implement bot functionality in the TU-wijk map	Jannelie	Jannelie	4.0	4.0	Yes	
	Implement nice functionality for a demo. We need to show something fun	Harmen	Harmen	10.0	7.0	yes	Because we couldn't use the custom actions, we needed to work around this. In this way we needed way more time for implementing a demo code.
			Jannelie	8.0	13.0		
			Nando	0.0	5.0		
As a developer I want to have a release, so that the TA is able to see what I have done.	Add a release for this* sprint	Nando	Nando	0.5	0.5	Yes	*Should be previous week. The releases will be made after the sprint deadline

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Extra	Change indicators in tygron project for our stakeholder	Nando	Nando	#N/A	10.0	yes	Changed and add new functionality for the indicators percept. This includes: changing the indicators for the custom indicator issue, fixing previous work done by Jasper and testing this issue.
			Jannelie	#N/A	4.0		
			Harmen	#N/A	2.0		
	Implement custom indicators	Tom	Nando	#N/A	4.0	yes	Implement the indicators in the agent to support the custom indicators in a tygron project.
			Tom	#N/A	4.0		
	Fix travis builds	Nando	Nando	#N/A	4.0	yes	The branch "BeliefZoneLink" had some major issues. See problems
	Add contextenv maven module	Nando	Nando	#N/A	3.0	no	This sprint had been partnered with WhySoSerious. This could create a sprint with no commits for CrashTestDummies because only one implementation will reach the context branch. This has been eventually halted due to the rush to the demo friday.

	Percept handling	Harmen	Harmen	#N/A	11.0	yes	Over time new percepts are added to the environment. These percepts need to be correctly handled and stored.
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Main Problems Encountered

Problem 1: Friday demo rush	
Description:	Because we wanted to have a proper demo on Friday, we were rushing to get this right. We spend a lot of time on the demo. This caused us to have no time for the custom actions task.
Reaction:	We made a simple solution to get around the custom action problem. In this way we could have a proper demo. We were happy with the result we got. This caused us to spend way more time on the demo implementation.

Problem 2: Travis build failure	
Description:	Due to odd problems with the "BeliefZoneLink", time had to be spent to fix the travis build failure. Somehow travis wasn't able to progress after "waiting for first agent", which could be read in the log.txt. Oddly, the command which was used by travis was able to run.
Reaction:	To show that it was indeed ably to run and connect with tygron, a local log.txt had been added and prepend to the log file produced by travis.

Problem 3: Progress of the context	
Description:	Because the project has passed week 5, it has become clear that some ideas of what to implement were good ideas to begin with, but are unrealistic to do due to the lack of time.
Reaction:	Therefor certain ideas are halted after the basics have been implemented, or are planned to not be implemented.

Problem 4: Reviewing	
Description:	A lot of time had been spent reviewing and testing pull request. Those hours were difficult to keep track of.
Reaction:	Hours spent on reviewing and testing had been merged into the tasks that members of our group were already been busy with.

Adjustments for the next Sprint

For the next sprint we know what we should do. Another group will provide the basics for the custom action. In this way we can easily add new custom actions. We also splitted the tasks more specifically so we know exactly what to do. For reviewing, we keep adding the hours needed for this to our own tasks, because we can't write many hours for this.