Sprint Retrospective, Iteration #5

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task (in hours)	Actual effort per task	Done	Notes
As a developer I want my agent to be able to utilize percepts and functions required for its business plan	Create a good schema for merging the context branch of the eishub/tygron repository to our repository without conflicting a lot	Joshua	Joshua	2	1.5	Yes	
	Implement percepts and actions into the connector	Marco	Marco	10	14	Tonight	
			Joshua		3		
	Maintain the environment and implement wishes from the people assigned to working on the bot	Joshua	Marco	10	5	Yes	
			Joshua		0		
	Determine actions to be implemented for the agent	Lisette	Lisette	4	2	Yes	Can still be elaborated
			Ronald		4		
As a housing corporation agent I want to be able to use indicator metrics So that I can evaluate my performance	Create metrics usable for the agent	Matthijs	Matthijs	10	4	No	Time was put mainly into the agent itselft since it had a higher priority
As a client I want an agent that executes actions so that I know progress is being made

As a developer I want an agent that has basic funticonality so that I know what is lacking in the environment | Implement strategy for buying and selling land | Lisette | Lisette | 10 | 8 | No | The percepts we needed (the available land and indicators for the appeal of the location) were not there yet to use. However we did do some research and worked out what we wanted for our strategy: if we have enough money, and the location is nice enough (compare to our tresholds), we want to buy land. If land we own falls beneath our limit we want to sell it. |
| | | | Ronald | | 3 | | |
| | Implement strategy for building and demolishing buildings | Ronald | Matthijs | 10 | 8 | No | Not implemented due to lacking environment, however hypothetical strategies have been documented and prerequisitions have been worked out.

Not implemented due to lacking environment, however hypothetical |
			Ronald		5		
			Lisette		2		
	Implement strategy for upgrades	Matthijs	Matthijs	10	8	No	

			Joshua		3		
Miscellaneous	Go to Tygron	Marco	Marco, Ronald	4	4	Yes	
	Sprint Plan & Sprint Retrospective	Lisette	Marco, Matthijs, Ronald, Joshua, Lisette	4	4	Yes	
	Architecture Design	Marco	Marco, Ronald, Lisette	3	3 (by Marco and Lisette)	Yes	
	Evening Meetings over Discord Voice Chat	Nobody	Marco	5	2	Yes	The meetings for Tuesday and Wednesday were skipped. Meetings were on Monday and Thursday.
			Matthijs		2		
			Ronald		2		
			Joshua		1		
			Lisette		0		
	Fixing failing Travis builds	Joshua	Joshua	0	3	Yes	
	Connecting to SIG	Joshua	Joshua	0	1	Yes	
Tasks which were not explicitly added to the retrospective	Handle percepts for the agents	Ronald	Ronald	0	4	Yes	Was not originally planned in the backlog but was a required task for other tasks.

Main Problems Encountered

Problem 1

Description: Lisette: I had some problems with git and GOAL in eclipse

Reaction:

Lisette: I could not update GOAL for a while, so I had to upgrade my eclipse to the newest version. Then the GOAL agent did not work (it did work before). I am not very good with git or GOAL so eventually Marco helped me fix my problems (turns out I did not have maven correctly installed and some other issues (some problems with the environment as well)). Now I know that this is not an excuse for not spending enough hours on the project but I did want to mention that trying to fix all this did waste some of my time (and of Marco's). At least now everything is working so I am positive about the next sprint and I will do my best to catch up on the hours I missed.

Problem 2

Description: Members did not spend the required amount of time for the project.

Reaction:
When we sat down with the TA's we discussed the current problems with less time spent on the project and we came to realize that we really need to change this in order to be able to pass this course. After that meeting with the TA's we thorougly talked about this and we all agreed that we are going to put more effort in this course and communicate more with eachother.

Problem 3

Description: Some members have not commited enough code.

Reaction:
Because it is important for all members to code we started by trying to get people up to date with everything so they at least understand all code which they previously didn't. Everyone now also has an up to date repository and should be able to contribute code.

Problem 4

Description: The retrospective did not account for hours individualy.

Reaction:
We made the mistake of sharing hours in the earlier sprints which made it look like everyone contributed more than they actually did, this is a mistake because this misrepresented the state of our team to the SA's and to ourselves. from this week onward we will change our retrospective in a way that you can see individual hours contributed to the task.

Problem 5

Description: Code has not reached high enough test coverage.

Reaction:
Our team has not made any sufficient tests for their contributions to the code, because testing is an important part of making code we are setting a new standard to the code writing by directly working towards 80% test coverage.

Problem 5

Description: Not all members showed up for frequently for daily meetings. It caused us to encounter problems much later than we could conveniently solve them.

Reaction:
We initially intended to have daily meetings to be able to quickly react on problems inside the team. But due to some members frequently not showing up on these meetings we had to cancel some meetings. Problems we encountered too late, have been discussed with the TA's and will be solved for next sprint.

Adjustments for the next Sprint

Joshua: I will schedule at least the amount of hours assigned to me in my calendar for the following week, to fix the problem I have been having with scheduling and finding time to work on the project.