

Sprint Retrospective 4

User Story	Task	Assigned To	Estimated Hours	Actual spent hours	Priority	Status	PR	Notes
As a developer I want to enhance the connector with more functionality. To enable myself to create a better agent.								
	Create our own fork of the connector	Stefan	2	2	A	Done		Priority A, since we want to do this ASAP
	Visit Tygron	Stefan	5	5	B	Done		Discuss connector, ask wouter questions
	Visit Tygron	Daan	5	5	B	Done		Priority B, not as important as the fork, but still important to get a better understanding of the connector
	Make buildings percept with more info	Stefan	10	8	C	Done	<u>#2</u> <u>8</u>	Implement the building percept from the issues
	Get access to all projects on a given domain	Stefan	N/A	8		Done	<u>#2</u> <u>7</u>	Everyone can now access all projects on the domain. As long as it's specified in the mas2g

	Implement more functionality*	Timo	10	5	C	Done	We have to discuss what other groups are going to implement for the connector before we can define our connector tasks more specific.
	Implement more functionality*	Daan	5	4	D	Done	All group members should do at least some implementation to get some feeling for the connector and how goal relates to the connector
	Implement more functionality*	Michiel	5	1	D	Not Done	
	Implement more functionality*	Job	5	1	D	In Progress	Priority D since it's important, but doesn't necessarily has to be finished this week.
	Communicate with other teams about the connector	Michiel	4	3	B	Done	
As a user I want an agent to have a vision with indicators, so that I know what to expect from this agent.							
	Put the indicators from last week into Tygron	Job	5	4	B	Done	Priority B, not as important as the fork, but important that

								we finish this this week so we can focus on the agent.
As an agent When in a simulation I am able to buy ground if I think this is beneficial for me. To construct things that are part of my goals.								
	Define a strategy for the agent to decide if it is necessary to buy land and if so which land.	Daan	10	10	B	Done	#9	This task is done when there's a document that describes it and everybody agrees on it. Priority B, since we need to know what we're missing to enhance to connector where necessary.
	Start implementing the strategy above.	Daan	10	12	C	In Progress		When there are things that we cannot implement, add them to the backlog so we can implement them into the connector.
As an agent When in a simulation I am able to destroy stuff if I think								

this is beneficial for me. To make room for construction or to optimize a certain indicator.								
	Define a strategy for the agent to decide if it is necessary to destroy buildings and if so which building.	Job	10	11	B	Done	#2	This task is done when there's a document that describes it and everybody agrees on it. Priority B, since we need to know what we're missing to enhance to connector where necessary.
	Start implementing the strategy above.	Timo	10	6	C	In Progress		We'll continue this next week
As an agent When in a simulation I am able to build stuff if I think this is beneficial for me. To optimize a certain indicator or to reach a construction goal.								
	Define a strategy for the agent to decide if it is necessary to build stuff and	Michiel	10	7	B	Done	#5	This task is done when there's a document that describes it

	if so, which building							and everybody agrees on it. Priority B, since we need to know what we're missing to enhance to connector where necessary.
	Start implementing the strategy above.	Michiel	10	4	C	In Progress		When there are things that we cannot implement, add them to the backlog so we can implement them into the connector.
As an agent I want to adopt goals according to the indicators so that i can improve my score.								
	Percept indicators to adopt goals.	Stefan	10	2	C	Not Done	#22	This percept is made by another group, I was required to do a code review
	Adopt goals based on indicators	Job	8	0	D	Not Done		The percept wasn't finished yet, we'll continue on this next week
	Coordinate between different stories and different goals/indicators	Timo	8	5	B	In Progress		We'll continue this next week
As an developer								

I want to describe my architecture so that it is clear to people what our architecture is								
	Improve the architecture document	Michiel	3	7	A	Done	#6	A because it is a deliverable
	Extend the architecture document	Michiel	3	2	A	Done	#6	A because it is a deliverable
	Further improve the architecture document	Timo	2	2	A	Done	#6	A because it is a deliverable, double checked all feedback and made some more improvements
As an developer I want to give a demo so that it is clear to people how our agent works at this point								
	Make a plan and a map for a little demo	Job	3	2	A	Done		A because there was a strict deadline for the demo and it was mandatory
	Write code for the demo	Job	7	7	A	Done	#3	
	Give the demo	Everybody	1	1	A	Done		
*We have to discuss what other groups are going to implement for the connector before we can define our connector								

tasks more specific.								
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Main problems encountered

Problem 1

Description: We totally forgot about the Architecture Document which cost us a lot of points for our first software grade.

Reaction: We updated the document this week according to the feedback and made further improvements.

Problem 2

Description: Pull requests weren't handled as fast as they should be between groups.

Reaction: The bot on slack is working again, giving us some fast notifications for new pull request and comments. This should improve the speed a lot.

Problem 3

Description: Communication with other groups, we didn't show up on wednesday since we figured we made some clear arrangements on tuesday, but this wasn't appreciated by the other groups.

Reaction: We'll be present every wednesday from now on, even if it seems unnecessary.

Problem 4

Description: We got stuck on most of the goal implementation because we were still missing percepts. For example there was still no indicator percept, making it very hard to decide on goals.

Reaction: On tuesday we decided with all groups what percepts were needed and implemented most of them the rest of the week.

Adjustments for the next Sprint Plan

Keep the architecture document updated

To make sure we don't forget about the architecture document again in the next sprints we'll add it as a task to every sprint planning from now on. By doing this someone has the responsibility to do it and we will probably not forget about it.

Being present every wednesday

Since it's appreciated by the other groups and we're working at the TU anyway, we're gonna be at the insy-lab every wednesday from now on, and if there is no room we'll clearly communicate this to the other groups and tell them where we can be found if they do need us.

Responding quickly to pull requests by other groups

We decided with all groups to give every pull request a deadline of approximately 24 or 48 hours. After this time it will be merged, even if there is no feedback from other groups. This will speed up the process.