





Report summary

Epic Goal:

- Manage food and its interaction with ants
- Manage anthill behavior and its interaction with ants

User Story Goal: As a user I want to see the interaction of ants with food and anthill so that I can have visual feedback.

The team successfully delivered a graphic interface where the final user can watch ants eating food and return the their anthill

The simulation can be stopped, paused and restarted.

Epic	Story	Task Description	Assigned to	Priori ty	Estimated Story Points	Actua I Hour s	Current State	Will Demostrat e
MYR-34: Manage food and its evolution DONE	MYR-35: Visualizing food and its evolving DONE	Visualizing food and its decreasing due to ants eating	@simone Golinucci @Linda Guiducci (helper) @Martina Cavallucci (helper)	Mediu m	8	3h *3	Done	Yes
	MYR-36: Create Food state DONE	Create food object and its properties	@simone Golinucci	High	2	2 h	Done	Yes
	MYR-37: Environmen t -> Food DONE	Implement interaction between environment and food	@Linda Guiducci	High	5	6h	Done	Yes

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		• Environment notice that ants eat food						Edit
	MYR-38: Ant -> Food DONE	When ants find food they can eat itAfter eating ant energy increase	@Linda Guiducci	High	3	6h	Done	Yes
MYR-40: Manage anthill behaviur and evolution DONE	MYR-41: Visualizing anthill DONE	 Display simulation entities (ants, obstacle) in view Display entities movement 	@Martina Cavallucci	High	5	3 h	Done	Yes
	MYR-42: Anthill State DONE	State of the anthill and the interaction with the ant	@Matteo Magnini	High	3	8h	Done	Yes
	MYR-43: Anthill -> Environmen t DONE	 Environment aware of anthill Environment interaction between anthill 	@Martina Cavallucci @Matteo Magnini (helper)	High	2	3h * 2	Done	Yes
	MYR-44: Ant go anthill DONE	 Competence for going back home Interaction with anthill 	@Matteo Magnini	Mediu m	8	14 h	Done	Yes
	MYR-15: Gui start/stop/r estart simulation DONE	Simulation can pause, stop and restart	@Martina Cavallucci	High	2	8h	Done	Yes
	Environmen t handles creation and death of entities	User can create and remove ant	@Martina Cavallucci	High	1	4h	In progress	No

Burndown Chart

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