

<b>Project Name</b>	AI Driven Testing
<b>Online team meeting</b>	<a href="https://fau.zoom.us/j/69553438847?pwd=VHGm0oOZ2KvPbbhrGsmX83d4rAuuaT.1">https://fau.zoom.us/j/69553438847?pwd=VHGm0oOZ2KvPbbhrGsmX83d4rAuuaT.1</a>
<b>Production system (if any)</b>	...
<b>Test system (if any)</b>	...
<b>GitHub repository</b>	<a href="https://github.com/amosproj/amos2025ss04-ai-driven-testing">https://github.com/amosproj/amos2025ss04-ai-driven-testing</a>
<b>GitHub feature board</b>	<a href="https://github.com/orgs/amosproj/projects/82/views/2">https://github.com/orgs/amosproj/projects/82/views/2</a>
<b>GitHub imp-squared backlog</b>	<a href="https://github.com/orgs/amosproj/projects/86/views/1">https://github.com/orgs/amosproj/projects/86/views/1</a>
<b>Planning Poker Link</b>	<a href="https://pokerplanning.org/room/05e2b4ba-b452-4c29-8ba0-e9ae23005ce0">https://pokerplanning.org/room/05e2b4ba-b452-4c29-8ba0-e9ae23005ce0</a>
<b>Team T-shirt (white)</b>	<a href="https://www.shirtinator.ch/s/gyMoSd27QOSIIB0wUYQ7XA">https://www.shirtinator.ch/s/gyMoSd27QOSIIB0wUYQ7XA</a>
<b>Team T-shirt (black)</b>	<a href="https://www.shirtinator.ch/s/-GuNOvW5Q2qjHFDZrYILpA">https://www.shirtinator.ch/s/-GuNOvW5Q2qjHFDZrYILpA</a>
<b>black link again since it didnt work for some</b>	<a href="https://www.shirtinator.ch/t-shirts/gestalten/t-shirt-bedrucken#/load/share/f86b8d3a-f5b9-436a-a31c-50d9ad820ba4">https://www.shirtinator.ch/t-shirts/gestalten/t-shirt-bedrucken#/load/share/f86b8d3a-f5b9-436a-a31c-50d9ad820ba4</a>
<b>Additional materials</b>	...
<b>Team mailing list</b>	oss-amos-proj4@lists.fau.de

Last Name	First Name	GitHub User Name	Email Address
Brüggemann	Jonas	JonasBrue	jonas.brueggemann@campus.tu-berlin.de
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Takale	Aditi Vishwas	adititakale01	adititakale01@gmail.com
Alsultan	Moaiad	Moaiadsu	m.alhmadhalsultan@campus.tu-berlin.de

#	Meeting Day	Product Owner		Software Developer	Release Manager	Scrum Master	Comment
		Review	Planning				
1	2025-04-16	both	both	all other	none	Felix	
2	2025-04-23	both	Max	all other	Max	Felix	
3	2025-04-30	Max	Alex	all other	Alex	Felix	
4	2025-05-07	Alex	Max	all other	Jonas	Felix	Build process review
5	2025-05-14	Max	Alex	all other	Lennard	Felix	
6	2025-05-21	Alex	Max	all other	Lisabeth	Felix	
7	2025-05-28	Max	Alex	all other	Tessa	Felix	Mid-term due
8	2025-06-04	Alex	Max	all other	Maximilian	Felix	
9	2025-06-11	Max	Alex	all other	Alexander	Felix	
10	2025-06-18	Alex	Max	all other	Biranavan	Felix	
11	2025-06-25	Max	Alex	all other	Aditi Vishwas	Felix	
12	2025-07-02	Alex	Max	all other	Moaïad	Felix	
13	2025-07-09	Max	Alex	all other		Felix	
14	2025-07-16			all other		Felix	Demo day!
Product owners, software developers, and Scrum Master are set and ideally don't change over time; the critical part is the Release Manager role you need to define here							

<b>Goals</b>	Interpersonal relationship objectives: "To foster an atmosphere of mutual respect and learning, creating a team-spirit"
	Main goal is to create a satisfying project that makes Us, the IP(Industry Partner) and open-source community happy
<b>Meeting norms</b>	Documentation in english and meeting language in German
	Start on time
	Be Polite
	Purpose: Clearly define the goal of the meeting. Preparation: Ensure all participants are well-informed and ready to contribute. Participation: Encourage active engagement from all attendees. Process: Organize the meeting structure and agenda effectively. Progress: Monitor the meeting's progress and ensure it stays on track.
<b>Working norms</b>	Leave the code better than you found it (The Boy Scout Rule)
	Keep it Simple, Stupid (KISS)
<b>Coordination norms</b>	Felix will do the retros + keeping track of meetings
	Alex and Max will take care of the assignments (Backlog Items)
<b>Communication norms</b>	We check Discord at least every day
<b>Consideration norms</b>	Communicate Conflict in Team-Meeting. Help from Felix or Jovana to solve conflicts.
	Respect, active listening, tolerance
<b>Cont. improvement norms</b>	Experimentation spirit and feedback culture
	Burn-Down charts as process tracking
<b>Rewards</b>	Appreciation and praise
<b>Sanctions</b>	Wear the ducky tie
	Post a cute/funny pic of a pet (or similar)
<b>Signatures</b>	
Scrum Master	Felix Lang
Product owner	Maximilian Krug
Product owner	Alexander Lorenz
Software developer	Mohammad Moaiad Alhamdh Alsultan (Moaiad Alsultan)
Software developer	Jonas Brüggemann
Software developer	Lennard Clicqué
Software developer	Birnavan Parameswaran (Biri)
Software developer	Lisabeth Hasse
Software developer	Tessa Heidkamp
Software developer	Aditi Vishwas Takale

Product Vision	Project Mission
<p>Product Vision</p> <p>We are transforming the landscape of software testing through intelligent, AI-powered automation.</p> <p>Our vision is a future where testing is no longer a bottleneck but a seamless, continuous, and reliable part of the development process. By empowering developers and testers with AI tools that autonomously generate and maintain test cases, we free them from generating the same test cases over and over to instead focus on creative problem-solving and strategic innovation. Our solution supports a future of scalable, secure, and locally controlled quality assurance, driving the next evolution in software development. We envision the role of the programmer to become a curator and innovator of AI generated Code.</p>	<p>Product Mission</p> <p>Deliver a minimum viable product (MVP) of an AI-powered test generation assistant that interacts effectively with real-world software projects. This includes laying the empirical and research groundwork for the idea. From this research we will conclude a MVP, that can analyze simple Python and C++ programs and produce corresponding test cases. Operated through a user-friendly chat interface. The MVP will showcase initial integration with widely used open-source testing frameworks such as Robot Framework, proving the viability of AI-assisted test automation in practical, everyday development environments.</p>

Term	Definition

Sprint #	Sprint goal
1	None
2	None
3	None
4	Laying foundational architecture groundwork
5	Initialize future development area
6	Enhance user value by metricization
7	
8	
9	
10	
11	
12	
13	
14	
15	

Sprint #	Story Points Realized
1	
2	36
3	23
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
	PLEASE CREATE THE VELOCITY CHART ON A NEW TAB USING THE DATA FROM THIS TAB



Sprint	Goal	Feature Name	Est. size	Est. remaining	Real size	Real remaining
Release						
Total			0	0		
Sprints						
1			0	0	0	0
2			0	0	0	0
3			0	0	0	0
...				0		0
Features						
1						
2						
3						
		PLEASE CREATE THE BURNDOWN CHART ON A NEW TAB USING THE DATA FROM THIS TAB				

Sprint	Goal	Feature Name	Est. size	Est. remaining	Real size	Real remaining
Release						
Total			0	0		
Sprints						
1			0	0	0	0
2			0	0	0	0
3			0	0	0	0
...				0		0
Features						
1						
2						
3						
		PLEASE CREATE THE BURNDOWN CHART ON A NEW TAB USING THE DATA FROM THIS TAB				

[illegible]

Type	Link / reference

#	Context	Name	Version	License	Comment
	Python Version for running the main script	Python V	3.11	Python Software Foundation License Version 2	
	Running Ollama via Docker	Docker	28.1.1	Apache License, Version 2.0.	
	Ollama enables running LLMs easily	Ollama	0.6.8	MIT License	
	Running Qwen2.5-Coder via Ollama	Qwen2.5-coder	qwen2.5-coder:3b-instruct-q8_0	Qwen Research License (3B Model only), Apache License 2.0 (others)	
	Running Mistral via Ollama	Mistral	mistral:7b-instruct-v0.3-q3_K_M	Apache License, Version 2.0.	
	Running Deepseek-Coder via Ollama	Deepseek-Coder	deepseek-coder:6.7b-instruct-q3_K_M	Deepseek License Agreement	only used for testing
	Running Phi4-Mini via Ollama	Phi4-Mini	phi4-mini:3.8b-q4_K_M	MIT License	
	Running Gemma via Ollama	Gemma	gemma3:4b-it-q4_K_M	Gemma Terms of Use	only used for testing
	devDependency	pytest	7.4.3	MIT License	used for unit-tests
	Used python library	docker	7.0.0	Apache License, Version 2.0.	
	Used python library	requests	2.28.0	Apache License, Version 2.0.	
	Used python library	tqdm	4.65.0	MIT License	
	Used python library	numpy	1.22.0	BSD License	
	Used python library	pandas	1.3.0	BSD License	
	Used for Code formatting	Black	24.3.0	MIT License	
	Used for Linting	flake8	7.2.0	MIT License	

Last Name	First Name	Value					
Brüggemann	Jonas	5		5.00	OK		
Clicqué	Lennard	5					
Hasse	Lisabeth	5					
Heidkamp	Tessa	5					
Parameswaran	Birnavan	5		0	No size		
Takale	Aditi Vishwas	5		1	Trivial size		
				2	Small size		
				3	Medium size		
				5	Large size		
				8	Very large size		
				13	Too large (size)		
How to play planning poker							
1. Everyone type their number into their value field, don't hit return yet							
2. Someone, perhaps a product owner, count down 3.. 2.. 1..							
3. Then, everyone hit return to submit their value							