

Project Name	ACIDIC - Autonomous Continuous Inner-source Development and Integrity Checker
Production system (if any)	Docker: https://hub.docker.com/u/amoslinter
Test system (if any)	Local/Docker: https://hub.docker.com/u/amoslinter
GitHub repository	https://github.com/amosproj/amos-ss2021-is-project-linter
GitHub kanban board (project)	https://github.com/amosproj/amos-ss2021-is-project-linter/projects/1
Team T-shirt (white)	Yes
Team T-shirt (black)	No
Additional materials	T-Shirt Link: https://www.shirtinator.de/loadBasket/GZ7K_ZV95U2

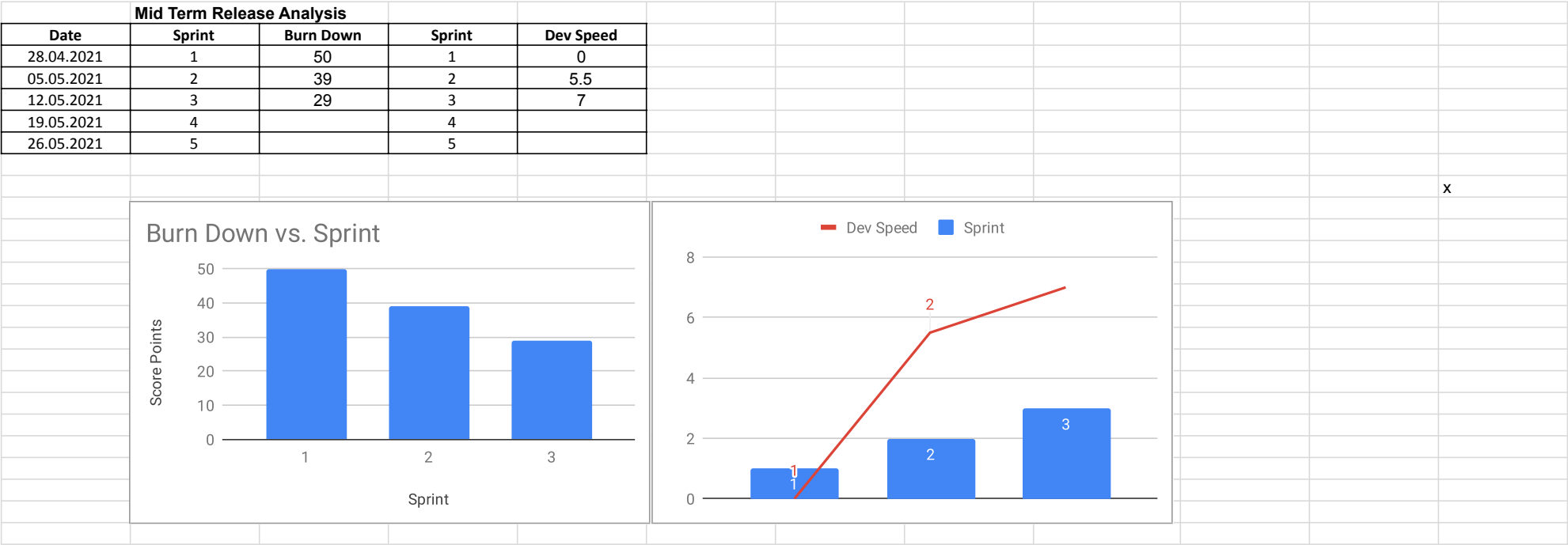
Last Name	First Name	GitHub User Name	Email Address
Harutyunyan	Nick (coach)	nickharutyunyan	nikolay.harutyunyan@fau.de (for Zoom) / nikolay.harutyunyan@gmail.com (Discord)
Wohlwend	Christoph	WohlwendGitHub	c.wohlwend@gmx.de / chris.wohlwend@gmail.com / christoph.cw.wohlwend@studium.fau.de
Groth	Patrick	patrickgroth	patrick.groth@logatik.de / patrick.groth@fau.de
Böhm	Lukas	lukasbm	boehm-lukas@outlook.de / lukas.l.boehm@gmail.com / lukas.l.boehm@fau.de
Pfister	Jonas	zokto	jonas.pfister@fau.de
Karri	Veera Venkata Satyanarayana	karri2909	veera.karri@fau.de
Neuerer	Christian	Auron2402	christian.neuerer@fau.de
Asani	Amir	AmirAsani	amir.asani@fau.de
Krieg	Nicolas	nico-628	nicolas.krieg@fau.de

Goals	Fulfilling all business requirements with few or no defects with final user acceptance criteria
Meeting norms	Regular frequent meetings. Mandatory for everyone to join in time. Wednesday 12:30 - 01:45 PM (Mandatory meeting).
Working norms	Every member has a defined responsibility. Every member can collaborate/help others as well.
Coordination norms	Product owners are Scrum masters initially. Software developers also act as scrum masters on rotational basis. Scrum master moderates the team meetings/allocates assignments/lead team meetings
Communication norms	Discord. Group communication. Team members are expected to respond promptly. Acknowledge messages with in one or two hours.
Consideration norms	Side conversations are allowed as required. Decisions are finalized based on team's overall agreement (via. group voting etc)
Cont. improvement norms	Track the progress of tasks in scrum board. Team members are expected to update the status promptly with comments. Contructive feedback on each others coding style to maintain uniformity in the code.
Rewards	Completion of big tasks as per acceptance criteria.
Sanctions	Team member needs to do 30 push ups as a punishment on camera
Signatures	Lukas Böhm, Christian Neuerer, Christoph Wohlwend, Nicolas Krieg, Amir Asani, Jonas Pfister, Patrick Groth, Veera Karri

#	Meeting Day	Comment	Coach	Product Owner	Software Developer	Scrum Master	Release Manager
1	2021-04-14	Project Initiation	Yes	Patrick Groth/Veera Karri	Everyone else	Veera Karri	Lukas Böhm
2	2021-04-21		Yes	Patrick Groth/Veera Karri	Everyone else	Veera Karri	Lukas Böhm
3	2021-04-28			Patrick Groth/Veera Karri	Everyone else	Veera Karri	Lukas Böhm
4	2021-05-05		Yes	Patrick Groth/Veera Karri	Everyone else	Veera Karri	Lukas Böhm
5	2021-05-12			Patrick Groth/Veera Karri	Everyone else	Veera Karri	Lukas Böhm
6	2021-05-19		Yes	Patrick Groth/Veera Karri	Everyone else	Veera Karri	Lukas Böhm
7	2021-05-26	Mid-term due	Yes	Patrick Groth/Veera Karri	Everyone else		
8	2021-06-02			Patrick Groth/Veera Karri	Everyone else		
9	2021-06-09			Patrick Groth/Veera Karri	Everyone else		
10	2021-06-16		Yes	Patrick Groth/Veera Karri	Everyone else		
11	2021-06-23			Patrick Groth/Veera Karri	Everyone else		
12	2021-06-30			Patrick Groth/Veera Karri	Everyone else		
13	2021-07-07		Yes	Patrick Groth/Veera Karri	Everyone else		
14	2021-07-14	Demo day!		Patrick Groth/Veera Karri	Everyone else		
15	2021-07-21	Retrospective		Patrick Groth/Veera Karri	Everyone else		

#	Theme	Feature Name	Goal	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	Burn-Down
5	Back end	REST API	To query the linting state of the projects	5	5	3	3	
6	Front End	Feature to enter link to repository in the front end screen	In order for backend to check the repository entered in front end screen	3	3	3	3	-3
7	Backend	Crawler	To check the repository from the front end for criteria being defined later	5	5	1	1	
12	Front end	Visibility Check	To check in the database if the visibility of the project is public and display the result	0	0	0	0	
13	Backend	Visibility Check	To check if the visibility of a project given by the frontend is set to "public" and store the result in the database	0	0	0	0	
14	Front end	Merge Request Activation Check	"Merge Requests" in settings should be activated/enabled "Everyone with access" should be allowed to use "Merge Requests"	3	3	3	3	
15	Backend	Merge Request Activation Check	"Merge Requests" in settings should be activated/enabled. "Everyone with access" should be allowed to use "Merge Requests"	3	3	2	2	
16	Front end	Forking Activation Check	"Forking" in settings should be activated/enabled "Everyone with access" should be allowed to use "Forking"	0	0	0	0	
17	Backend	Forking activation check	"Forking" in settings should be activated/enabled "Everyone with access" should be allowed to use "Forking"	2	2	2	2	
18	Front end	Issues Activation Check	"Issues" in settings should be activated/enabled "Everyone with access" should be allowed to use "Issues"	0	0	0	0	
19	Backend	Issues Activation Check	"Issues" in settings should be activated/enabled "Everyone with access" should be allowed to use "Issues"	2	2	1	1	
20	Front end	Yaml / XML configuration file	To edit a yaml/xml file to edit what checks should be displayed to the user.	2	2	2	2	
21	Backend	Mandatory Files Check	To check whether the files (README.md, CONTRIBUTING.md, MAINTAINERS.md) are included	0	0	1	1	
27	Database	Database Change	To store information of each test result in a object linked to lintingResult	2	2	2	2	
32	Front end	Show when a requested repository is not found	To see an error if my entered URL is wrong so that i can check if the entered URL is correct	1	1	1	1	
33	Backend	Visibility Check - Request access	To check the whether the "Request Access" provided by the front end is enabled or not and store the result in the database.	2	2	1	1	
35	Backend	Visibility Check	To check the whether the Gitlab wiki pages feature (provided by the front end) is enabled or not and store the result in the database	2	2	1	1	

Mid - Term	No Sprints	6					
	Due Date	19.05.2021 - 26.05.2021					
Sprint Review	Sprint	Sprint Theme	User Stories	Est. Size	Real Size	Burn-Down	Dev Speed
21.04.2021	0	-	-			50	
28.04.2021	1	-	-	0	0	50	0
05.05.2021	2	Basic Functionality	6, 20, 15, 5, 7, 27	17	11	39	5.5
12.05.2021	3	Frontend and Backend	21, 12, 18, 16, 32, 14, 13, 33, 19, 17, 35	12	10	29	7
19.05.2021	4			0	0	29	5.25
26.05.2021	5			0	0	29	4.2
	Total			29	21		
Final	No Sprints	7					
	Due Date	14.07.2021					
Sprint Review	Sprint	Sprint Theme	User Stories	Est. Size	Real Size	Burn-Down	
02-06-2021	6					0	
09-06-2021	7			0		0	
16-06-2021	8			0		0	
23-06-2021	9			0		0	
30-06-2021	10			0		0	
07-07-2021	11			0		0	
14-07-2021	12			0		0	
	Total			0	0		



x

Term	Definition
Crawler	The crawler extracts all repositories from a gitlab instance and sends them to the linter
Gitlab instance	
Linter	The linter executes all checks for a repository and saves the results in the database
REST API	The rest api handles the communication between the frontend and the database. It also handles the communication between the frontend and the linter
Fehler	Hohes Schwierig
Warnung	Warning message
Info	Information message
Angular	a TypeScript-based open-source web application framework
Wireframes	A wireframe is a layout of a web page that demonstrates what interface elements will exist on key pages
YAML	a recursive acronym for "YAML Ain't Markup Language", is a human-readable data-serialization language. It is commonly used for configuration files and in applications where data is being stored or transmitted.
XML	It is an extensible markup language file and it is used to structure data for storage and transport
Spring (Boot)	It is an application framework and inversion of control container for the Java platform
Postgres SQL	It is an open-source relational database management system emphasizing extensibility and SQL compliance
Docker	Docker is a set of platform as a service products that use OS-level virtualization to deliver software in packages called containers
Docker-Compose	Docker Compose is a tool for running multi-container applications on Docker defined using the Compose file format
Compose file	It is used to define how the one or more containers that make up your application are configured.
GitLab4J™ API	It provides a full featured and easy to consume Java library for working with GitLab repositories via the GitLab REST API
OpenJDK	OpenJDK is an open-source implementation of the Java Platform, Standard Edition
VueJS	Vue.js is an open-source model–view–viewmodel front end JavaScript framework for building user interfaces and single-page applications

Product Vision	Project Mission
Helping Open-/Inner source initiatives improve their work and raise awareness for great projects.	Developing an awesome app without hating each other afterwards. Having a clear overview over all the different inner source projects within Datev and improve collaboration within the company. The goal is also to give improvement suggestions to maintainers about the quality of their project.

[illegible]

[illegible]

#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
1	Approved by product owner	Demo approved by team	Demo approved by team
2	Code review by release manager	Code review by release manager	User Documentation
3	50% test coverage	50% test coverage	Guide on deploying the application
4		Approved by product owner	Code Documentation
5		Deployable via docker	70% test coverage
6			Code review by release manager
7			Apporved by product owner
8			Deployable via docker
9			User acceptance testing
10			Approved by customer

Type	Link / reference
Overview README	https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/README.md
Server README	https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/server/README.md
Frontent README	https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/angular-frontend/README.md
Full Documentation	https://github.com/amosproj/amos-ss2021-is-project-linter/wiki

\	Context	Name	Version	License	Comment
1	Frontend Framework	Angular	11.2.11	MIT	
2	Backend Framework	Spring (Boot)	2.4.5	Apache License 2.0	
3	Backend Database	Postgres SQL	12	PostgreSQL Licence	Similar to MIT
4	Backend runtime	Docker	20.10.6	Apache License 2.0	
5	Backend orchestrator	Docker-Compose	1.29.1	Apache License 2.0	
6	Backend Framework	GitLab4J-API	4.8.0	MIT	
7	Backend testing	JUnit	5	Eclipse Public License	
8	Backend scheduler	awaitility	3.1.2	Apache License 2.0	
9	Testing Database	H2 in-memory database	1.0.200 61217	Eclipse Public License or Mozilla Public License 2.0	
10	Http Testing	HttpClient	4.5.13	Apache License	
11	Java runtime	OpenJDK	11.0.11	GNU GPL v2	with linking exception
12	Frontend UI Components	Angular Material	11.2.12	MIT-like	
13	Frontend Framework	VueJS	2.6.12	MIT	
14	Frontend UI Components	Vuetify		MIT	
15	HTTP client	Axios		MIT	(frontend)
16	Event Bus	Tiny-Emitter		MIT	(frontend)

Last Name	First Name	Value					
Böhm	Lukas	0		0.00	OK		
Groth	Patrick	0					
Wohlwend	Christoph	0					
Pfister	Jonas	0					
Karri	Veera Venkata Satyanarayana	0		0	No effort		
Neuerer	Christian	0		1	Minimal effort		
Asani	Amir	0		2	Small effort		
Krieg	Nicolas	0		3	Medium effort		
				5	Large effort		
				8	Very large effort		
				13	Too large effort		