

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

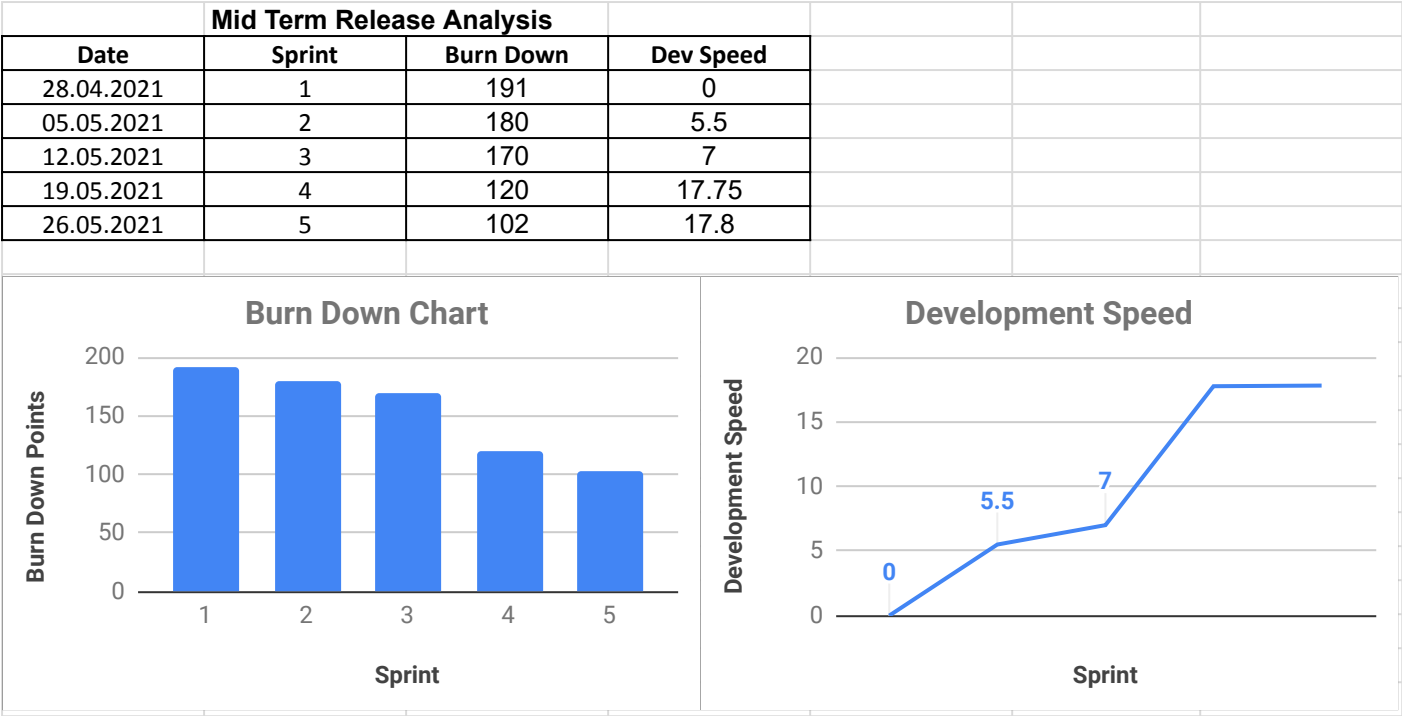
Last Name	First Name	GitHub User Name	Email Address
Harutyunyan	Nick (coach)	nickharutyunyan	nikolay.harutyunyan@fau.de (for Zoom) / nikolay.harutyunyan@gmail.com (Discord)
Wohlwend	Christoph	WohlwendGitHub	c.wohlwend@gmx.de / chris.wohlwend@gmail.com / christoph.cw.wohlwend@studium.fau.de
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<b>Goals</b>	Fulfilling all business requirements with few or no defects with final user acceptance criteria
<b>Meeting norms</b>	Regular frequent meetings. Mandatory for everyone to join in time. Wednesday 12:30 - 01:45 PM (Mandatory meeting).
<b>Working norms</b>	Every member has a defined responsibility. Every member can collaborate/help others as well.
<b>Coordination norms</b>	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
<b>Communication norms</b>	Discord. Group communication. Team members are expected to respond promptly. Acknowledge messages with in one or two hours.
<b>Consideration norms</b>	Side conversations are allowed as required. Decisions are finalized based on team's overall agreement (via. group voting etc)
<b>Cont. improvement norms</b>	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.
<b>Rewards</b>	Completion of big tasks as per acceptance criteria.
<b>Sanctions</b>	Team member needs to do 30 push ups as a punishment on camera
<b>Signatures</b>	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	Veera Karri	Lukas Böhm
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
3	Backend	Query a gitlab repository	To get details of a repository and display in the dashboard	3	3	5	5	
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	
11	Backend	JPA Objects	JPA objects to store linting results in a persistent data base	3	3	3	3	
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	
36	Backend	Cleanliness - Project description - Backend	To check the whether the project description exists or not	2	2	1	1	
39	Backend	Cleanliness - Project Avatar - Back end	To check the whether the project avatar check provided by the front end is added or not	1	1	2	2	
40	Backend	Severity of Checks	To display the severity of the check	1	1	2	2	
42	Backend	JSON file update	To assign the severity level, description as well as the error message	2	2	3	3	
45	Backend	Check - Squash commits are not allowed	To ensure squash commits are not allowed	2	2	2	2	
46	Backend	Additional Check - README.md-	To check whether README.md file contains atleast one link at a specified URL area	3	3	3	3	
47	Backend	Additional Check - Badges	To check whether atleast one badge exist either in the README.md file or in the badge bar (at the top of the project)	2	2	1	1	
48	Backend	Additional Check - CONTRIBUTING.md-	to check whether CONTRIBUTING.md file contains link to other CONTRIBUTING.md file and display a warning message " CONTRIBUTING.md file does contain link to other CONTRIBUTING.md file" based on the check Acceptance criteria	2	2	3	3	

<b>Mid - Term</b>	No Sprints	6					
	Due Date	19.05.2021 - 26.05.2021					
<b>Sprint Review</b>	<b>Sprint</b>	<b>Sprint Theme</b>	<b>User Stories</b>	<b>Est. Size</b>	<b>Real Size</b>	<b>Burn-Down</b>	<b>Dev Speed</b>
21.04.2021	0	-	-			191	
28.04.2021	1	Project Preparation and Analysis	-	0	0	191	0
05.05.2021	2	Basic Functionality	6, 20, 15, 5, 7, 27	17	11	180	5.5
12.05.2021	3	Frontend and Backend	21, 12, 18, 16, 32, 14, 13, 33, 19, 17, 35	12	10	170	7
19.05.2021	4	Frontend and Backend	43, 39, 36, 45, 48, 3, 46, 42, 40, 47, 11	55	50	120	17.75
26.05.2021	5	Mid Term Release	54, 59, 55, 60, 41, 57, 58, 26, 53, 49	18	18	102	17.8
	<b>Total</b>			<b>102</b>	<b>89</b>		
<b>Final</b>	No Sprints	7					
	Due Date	14.07.2021					
<b>Sprint Review</b>	<b>Sprint</b>	<b>Sprint Theme</b>	<b>User Stories</b>	<b>Est. Size</b>	<b>Real Size</b>	<b>Burn-Down</b>	
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	
	<b>Total</b>			<b>0</b>	<b>0</b>		



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	<a href="https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/README.md">https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/README.md</a>
Server README	<a href="https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/server/README.md">https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/server/README.md</a>
Frontent README	<a href="https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/angular-frontend/README.md">https://github.com/amosproj/amos-ss2021-is-project-linter/blob/staging/angular-frontend/README.md</a>
Full Documentation	<a href="https://github.com/amosproj/amos-ss2021-is-project-linter/wiki">https://github.com/amosproj/amos-ss2021-is-project-linter/wiki</a>

\	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	1.0.20.061217	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)
17	Frontend Date Library	DayJS	1.10.4	MIT	
18	Software Initializer	dumb-init	1.2.5	MIT	(docker)
19	Graph Visualisation	chart.js	2.9.4	MIT	
20	WebServer and ReverseProxy	nginx	stable	2-clause BSD - like	(docker)

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		