Project Name	Software Oscilloscope - SOSCI
Online team meeting	https://fau.zoom.us/j/67295942185
Production system (if any)	...
Test system (if any)	...
	amosproj/amos2022ws03-software-oscilloscope (github.com)
GitHub repository	
GitHub feature board	https://github.com/users/dev3225/projects/1
GitHub impediments backlog	https://github.com/users/rbalink/projects/1
Team T-shirt (white)	https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/ceb4e341-f0a7-43d0-acb6-0797a9c22c46
Team T-shirt (black)	https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/1a23db31-0983-43b3-a0b5-d19819f941d5
Additional materials	...

Last Name	First Name	GitHub User Name	Email Address
Degen	Jan	jandegen	jan.degen@fau.de
Tolksdorf	Leander	leandertolksdorf	leander.tolksdorf@fu-berlin.de
Schöckel	Marcel	motschel123	marcel.schoeckel@fau.de
Kramer	Philipp	PhlppKrmr	philipp.kramer@fau.de
Kolbenschlag	Nicolas	nicolaskolbenschlag	nicolas.kolbenschlag@fau.de
Münch	Ingrid	rabbit-zero	ingrid.mi.muench@fau.de
Jelodari	Saber	sjelodari	saber.jelodari@fau.de
Wächtler	Jens	jenswaechtler	jens.f.waechtler@fau.de
Kasthuri Umashankar	Dev Darshan	dev3225	dev.umashankar@fau.de
Jünemann	Leon	leon-juenemann	leon.juenemann@campus.tu-berlin.de
Balink	Robert	rbalink	robert.balink@campus.tu-berlin.de

#	Meeting Day	Product Owner	Software Developer	Release Manager	Scrum Master	Comment
1	2022-10-19	Dev, Saber	Jan, Leander, Jens, Marcel, Philipp, Nicolas, Ingrid, Leon		Robert	Decided on name: SOSCI. Logo as homework Filled out Team contract Decision about rotating team meeting moderator postponed due to required input friom Mr. Riehle Team members should proactivly engage in issue assignments. The skill matrix will be used for identifiying issue assignments, but the team agreed that everybody can take up an issue on interest Standup mails will be sent flexibel and individually The team agreed on notifiying the each other in case of issues of any kind Scope of sprint: Team Contract Team Logo GitHub projects (Feature & Impediment) boards Team T-Shirt
2	2022-10-26	Dev, Saber	Jan, Leander, Jens, Marcel, Philipp, Nicolas, Ingrid, Leon	Jens Wächtler	Robert	Sprint 01 deliverables reviewed. Sprint 02 issues discussed and assigned.
3	2022-11-02	Dev, Saber	Jan, Leander, Jens, Marcel, Philipp, Nicolas, Ingrid, Leon	Marcel Schöckel	Robert	
4	2022-11-09	Dev, Saber	Jan, Leander, Jens, Marcel, Philipp, Nicolas, Ingrid, Leon	Jan Degen	Robert	
5	2022-11-16	Dev, Saber	Jan, Leander, Jens, Marcel, Philipp, Nicolas, Ingrid, Leon	Leander Tolksdorf	Robert	
6	2022-11-23	...	...	...	COACH student	
7	2022-11-30				COACH student	Mid-term due
8	2022-12-07				COACH student	
9	2022-12-14				COACH student	
10	2023-01-11				COACH student	
11	2023-01-18				COACH student	
12	2023-01-25				COACH student	
13	2023-02-01				COACH student	
14	2023-02-08				COACH student	Demo day!
15	2023-02-15				COACH student	Retrospective

Goals	Satisfy the client Develop a working application Each team member is learning and taking benefit from the project Maintaining a happiness index above 1
Meeting norms	12:30(Wednesday) Zoom; https://fau.zoom.us/j/67295942185
Working norms	- We help each other - Everyone feels responsible for the product - We try to keep happiness high - We always do code reviews - We create a solid CI/CD pipeline - We assign issues according to the skill matrix
Coordination norms	- We use Zoom for wednesday's team meetings, - Discord for internal communication and - GitHub for tasks and issues - We pick issues proactively and agree on assignments in the team
Communication norms	- Whenever there's **any** problem, we communicate it with the team - We interact politely and respectfully with each other - We have rotating moderators and protocol writers for each meeting - We write protocols of all meetings
Consideration norms	- When disagreeing, we use voting for decisions - We consider
Cont. improvement norms	- We do retros
Rewards	- We celebrate
Sanctions	- 1 pushup / minute

Signature	- Jens Wächtler - Leon Jünemann - Leander Tolksdorf - Nicolas Kolbenschlag - Marcel Schöckel - Jan Degen - Philipp Kramer - Ingrid Münch - Dev Darshan Kasthuri Umashankar - Saber Jelodari - Robert Balink

Product Vision	Project Mission
The objective of SOSCI is to enable users of oscilloscope a way to gain access to all the features and possibilities through a software that can be done through a hardware oscilloscope and beyond. Our vision is to create a method that would better everyday life of engineers.	To organize features of an oscilloscope and processing of information and make it possible for the user to access it through a webpage. To continuously raise the level of experience of the customer with use of current technologies and maximize the output of our customer. Using SOSCI application for displaying sensor data on the frontend.

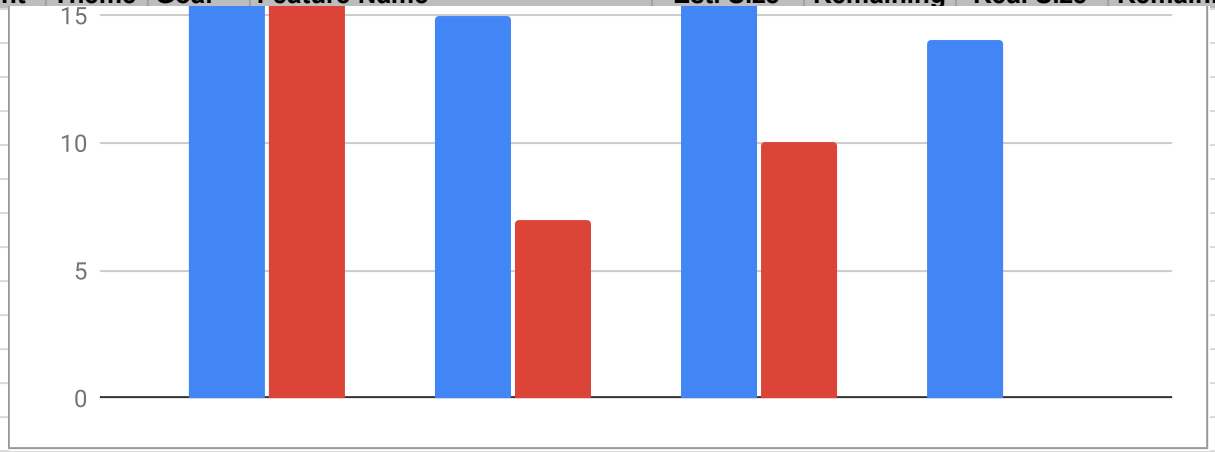
Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release							
	Total			0	0		
Sprints							
1				0	0	0	0
2				0	0	0	0
3				0	0	0	0
...					0		0
Features							
1							
2							
3							

Term	Definition

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release							
	Total			91	91		
Sprints							
1			Get to know eachother and documentation	20	91	18	91
2			Basic UI and architecture setup	15	71	7	73
3			Connect frontend and backend	16	56	10	66
4				14	40		56
5				26			
Features							
1			Create GitHub projects for tracking issues				
			Team contracts				
			Create team logo				
			Role assignment				
2			Create Hello world generator	5		3	
			Create a helloworld page for front-end	5		2	
			Docker setup	5		2	
3			Receive signal	5		5	
			Display cartesian plot	3		5	
			Home page - Basic	1		0	
			Display cartesian plot	3			
			Create UI - Zoom feature	3			
			Create UI - Scroll inside plot				
			Create On/off button	1			

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
4			Documentation - Definition of Done				
			Signal - step function	1		1	
			Signal - cosine wave	2		1	
			Signal - sine wave	2		2	
			Simplifying Docker Configuration	1		1	
			Data signal visualization from the node server	5		5	
			Create layout draft for UI	3		2	
5			Vertical adjustment - Amplitude	3			
			Horizontal adjustment - Time sweep speed	5			
			Build process video	3			
			Scale factor - Horizontal and vertical				
			Amplitude indicator - for each channel	5			
			Vertical positioning - with change in position of zero	3			
			Create UI - Start and Stop button	2			
			Setting up CI/CD	5			

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining



#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
	Feature/Bug/Change has been implemented	Sprint Review completed	All required features are implemented
	Application compiles successfully	Sprint Retrospective completed	User manual is ready
	Code is documented	Pull request into Main branch merged	Technical manual is ready
	Feature/Bug/Change is tested by at least one unit or e2e test	Release candidate has been tagged	No critical bugs
	Tests have been passed without warnings (except "deprecated" warnings)	Every user story fullfills the feature DoD	Demo approved by team
	Changes have been reviewed	All issues are either closed or moved back to the Product Backlog	
	PR has been merged to dev branch	All completed issues have a real size tag	
	New dependencies have been added to bill of materials	Backlog is up to date	
	Software archticture diagram has been updated		
	All acceptance criteria are fullfilled		
	Screenshot is attached to issue		

Type	Link / reference

#	Context	Name	Version	License	Comment
1	generator: used for achieving precise PPS	tokio	1.21.2	MIT License	asynchronous runtime lib for writing network apps in Rust
2	OS	Docker	20.1	Apache 2.0	Container development and product deployment
3	Testing	Cypress	11.0.1	GPLv2	
4	Compiler - Framework	Svelte	3.52.0	GPLv3	
5	Visualization	Three.js	0.146.0	MIT License	Rendering interactive 2D and 3D graphics
6	SAST	Sonarqube	9.2.4 (build 50792)	LGPL v3	Performing code analysis

Last Name	First Name	Value				
Degen	**Jan**	2		**2.13**	**NOK**	
Tolksdorf	**Leander**	2				
Schöckel	**Marcel**	2				
Kramer	**Philipp**	2				
Kolbenschlag	**Nicolas**	2		0	No size	
Münch	**Ingrid**	3		1	Trivial size	
Jünemann	**Leon**	2		2	Small size	
Wächtler	**Jens**	2		3	Medium size	
				5	Large size	
				8	Very large size	
				13	Too large (size)	