

<b>Project Name</b>	Deskstar- Shared Desk Management
<b>New Online Team Meeting</b>	<a href="https://fau.zoom.us/j/63146569256">https://fau.zoom.us/j/63146569256</a>
<b>Industry partner meeting</b>	<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDcxZjQwZWltZmVhMC00OGE5LWE3ODEtNzA2NzYzN2Q2NWYx%40thread.v2/0?">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDcxZjQwZWltZmVhMC00OGE5LWE3ODEtNzA2NzYzN2Q2NWYx%40thread.v2/0?</a>
<b>Teamevent (20.12.2022 - 19:00)</b>	<a href="https://fau.zoom.us/j/67736491695">https://fau.zoom.us/j/67736491695</a>
<b>Workshop (12.01.2023 at 18:00)</b>	<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_YjQxY2YzMTetODliMy00ZDA5LTkxYzktZGY1ZGU2YjNkOTU4%40thread.v2/0?">https://teams.microsoft.com/l/meetup-join/19%3ameeting_YjQxY2YzMTetODliMy00ZDA5LTkxYzktZGY1ZGU2YjNkOTU4%40thread.v2/0?</a>
<b>Production system (if any)</b>	tbd
<b>Test system (if any)</b>	tbd
<b>GitHub repository</b>	<a href="https://github.com/amosproj/amos2022ws05-shared-desk-mgmt">https://github.com/amosproj/amos2022ws05-shared-desk-mgmt</a>
<b>GitHub old feature board</b>	<a href="https://github.com/users/qy21gafy/projects/1">https://github.com/users/qy21gafy/projects/1</a>
<b>GitHub impediments backlog</b>	<a href="https://github.com/users/alexKoltman/projects/1">https://github.com/users/alexKoltman/projects/1</a>
<b>Team T-shirt(male, white)</b>	<a href="https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/e8796f55-a624-4411-be2d-19c5fc40fe60">https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/e8796f55-a624-4411-be2d-19c5fc40fe60</a>
<b>Team T-shirt(female, white)</b>	<a href="https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/ee000be6-db62-466b-8737-b83ec3d94fee">https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/ee000be6-db62-466b-8737-b83ec3d94fee</a>
<b>Team T-shirt(male,black)</b>	<a href="https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/bfc198a7-16be-4053-947c-b96cfdba9037">https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/bfc198a7-16be-4053-947c-b96cfdba9037</a>
<b>Team T-shirt(female, black)</b>	<a href="https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/b07bb9aa-eb45-4b7f-99db-b3d2ce39ff7f">https://www.shirtinator.de/t-shirts/gestalten/t-shirt-bedrucken#/load/share/b07bb9aa-eb45-4b7f-99db-b3d2ce39ff7f</a>
<b>Additional materials</b>	<a href="https://www.planitpoker.com/board/#/room/df52fab68b324d348cced03a4527051d">https://www.planitpoker.com/board/#/room/df52fab68b324d348cced03a4527051d</a>

Last Name	First Name	GitHub User Name	Email Address
Lang	Felix	xilef45	felix.l.lang@fau.de
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#	Meeting Day	Product Owner	Software Developer	Release Manager	Scrum Master	Comment
1	2022-10-19	Svenja Strobel, Ardian Palloshi	Everyone else	N/A	Alex Koltman	
2	2022-10-26	Svenja Strobel, Ardian Palloshi	Everyone else	Stefan Pfahler, Philipp Woerndle	Alex Koltman	
3	2022-11-02	Svenja Strobel, Ardian Palloshi	Everyone else	Stefan Pfahler, Philipp Woerndle	Alex Koltman	
4	2022-11-09	Svenja Strobel, Ardian Palloshi	Everyone else	Jan Tiegges, Moritz Reich	Alex Koltman	
5	2022-11-16	Svenja Strobel, Ardian Palloshi	Everyone else	Jan Tiegges, Moritz Reich	Alex Koltman	
6	2022-11-23	Svenja Strobel, Ardian Palloshi	Everyone else	Fiona Sternberg, Felix Lang	Alex Koltman	
7	2022-11-30	Svenja Strobel, Ardian Palloshi	Everyone else	Fiona Sternberg, Felix Lang	Alex Koltman	Mid-term due
8	2022-12-07	Svenja Strobel, Ardian Palloshi	Everyone else	Philipp Woerndle, Eddy Hakimi	Alex Koltman	
9	2022-12-14	Svenja Strobel, Ardian Palloshi	Everyone else	Philipp Woerndle, Eddy Hakimi	Alex Koltman	
10	2023-01-11	Svenja Strobel, Ardian Palloshi	Everyone else	Fiona Sternberg, Felix Lang	Alex Koltman	
11	2023-01-18	Svenja Strobel, Ardian Palloshi	Everyone else	Fiona Sternberg, Felix Lang	Alex Koltman	
12	2023-01-25	Svenja Strobel, Ardian Palloshi	Everyone else	Jan Tiegges, Moritz Reich	Alex Koltman	
13	2023-02-01	Svenja Strobel, Ardian Palloshi	Everyone else	Jan Tiegges, Moritz Reich	Alex Koltman	
14	2023-02-08	Svenja Strobel, Ardian Palloshi	Everyone else		Alex Koltman	Demo day!
15	2023-02-15	Svenja Strobel, Ardian Palloshi	Everyone else		Alex Koltman	Retrospective

<b>Goals</b>	<ul style="list-style-type: none"> <li>• Create a web platform for shared desk management</li> <li>• Development of a prototype in the given project environment</li> <li>• Ease the process of booking desks for users</li> <li>• Achieve high grades</li> </ul>
<b>Meeting norms</b>	<ul style="list-style-type: none"> <li>• Arrive on time</li> <li>• Respect each other</li> <li>• Don't intentionally interrupt each other</li> <li>• Keep your camera on</li> <li>• Be actively involved in questions and uncertainties</li> <li>• Don't do work during the meeting</li> </ul>
<b>Working norms</b>	<ul style="list-style-type: none"> <li>• Respect the role (tasks should be given only according to your role)</li> <li>• Minimize procrastination</li> <li>• Have fun</li> </ul>
<b>Coordination norms</b>	<ul style="list-style-type: none"> <li>• Seek help on time when having difficulties</li> <li>• Be transparent</li> </ul>
<b>Communication norms</b>	<ul style="list-style-type: none"> <li>• Use Whatsapp for communication</li> <li>• Group e-mail</li> <li>• Be nice</li> <li>• Connect with each other out of the weekly meeting schedule</li> <li>• Language : Primary in English</li> </ul>
<b>Consideration norms</b>	<ul style="list-style-type: none"> <li>• Respect different knowledge levels</li> <li>• Equality</li> <li>• Every idea has equal weight and is worth mentioning</li> <li>• Don't make changes or decisions without discussing with the team</li> </ul>
<b>Cont. improvement norms</b>	<ul style="list-style-type: none"> <li>• Feedback</li> <li>• Re-check code</li> <li>• Pair programming</li> <li>• Take time to read the topics and make sure you understand the task</li> </ul>
<b>Rewards</b>	<ul style="list-style-type: none"> <li>• Physical meet up for big celebrations</li> <li>• Virtual party</li> </ul>
<b>Sanctions</b>	<ul style="list-style-type: none"> <li>• Do pushups or sing if you are late</li> <li>• Discuss what went wrong and try to learn from it</li> <li>• Wear a Halloween costume during the team meeting</li> </ul>

<b>Signed by</b>	Svenja Strobel, Fiona Sternberg, Felix Lang, Ardian Palloshi, Alex Koltman, Moritz Reich, Eddy Hakimi, Stefan Pfahler, Philipp Wörndle, Jan Tiegges

Product Vision	Project Mission
As a mix of homeoffice and working in the office is becoming more popular, many companies are reducing the number of desks in the workplace to save money. Deskstar allows employees to book desks from home to make sure they have a workplace available when traveling to the office. This way unnecessary trips are avoided when no desks are available and companies can find out in which areas more bookable resources are needed. Our service thus makes the lives of companies and their employees easier regarding novel hybrid working spaces.	Our project mission is to create a prototype version of a shared desk management system in the given timeframe as a web application supporting the most important requirements of our industry partner. Our system will cover basic booking functionalities for users as well as resource and user management for admins. To meet this goal, we will maintain a strong relationship within the team and with the industry partner and work together in a friendly atmosphere.

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Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
<b>Release</b>							
	<b>Total</b>			112	0	103	0
<b>Sprints</b>							
1	Project kick-off	Agree on team contract, design logo and tshirt and meet with industry partner for the first time		0	112	0	103
2	Project setup	Design framework and build software bases		18	94	14	89
3	Login and registration setup	Continue project setup and get started on login and registration functions		27	67	26	63
4	Overview page design	Continue project setup and block out overview page		16	51	14	49
5	Main booking pages design	Finish login and registration and block out main booking pages		17	34	17	32
6	All main pages design	Finish blocking out main pages and start adding user functions		34	0	32	0
<b>Features</b>							
1	<b>Project kick-off</b>	<b>Agree on team contract, design logo and tshirt and meet with industry partner for the first time</b>					
2	<b>Project setup</b>	<b>Design framework and build software bases</b>					
			Build software base (front end)	3		3	
			Database design	5		5	
			Software architecture design	5		3	
			Build software base (back end)	5		3	
3	<b>Login and registration setup</b>	<b>Continue project setup and get started on login and registration functions</b>					
			Initialize database	5		5	
			Create a dev environment using docker-compose	3		5	
			Basic homepage UI	3		3	
			Logout function	2		1	
			Registration section UI	2		2	
			Login section UI	2		2	
			Registration function	5		5	
			Login function	5		3	
4	<b>Overview page design</b>	<b>Continue project setup and block out overview page</b>					
			Docker compose backend	3		3	
			Overview page UI	3		3	
			Overview page bookings backend	5		5	
			Design our software testing procedure	5		3	



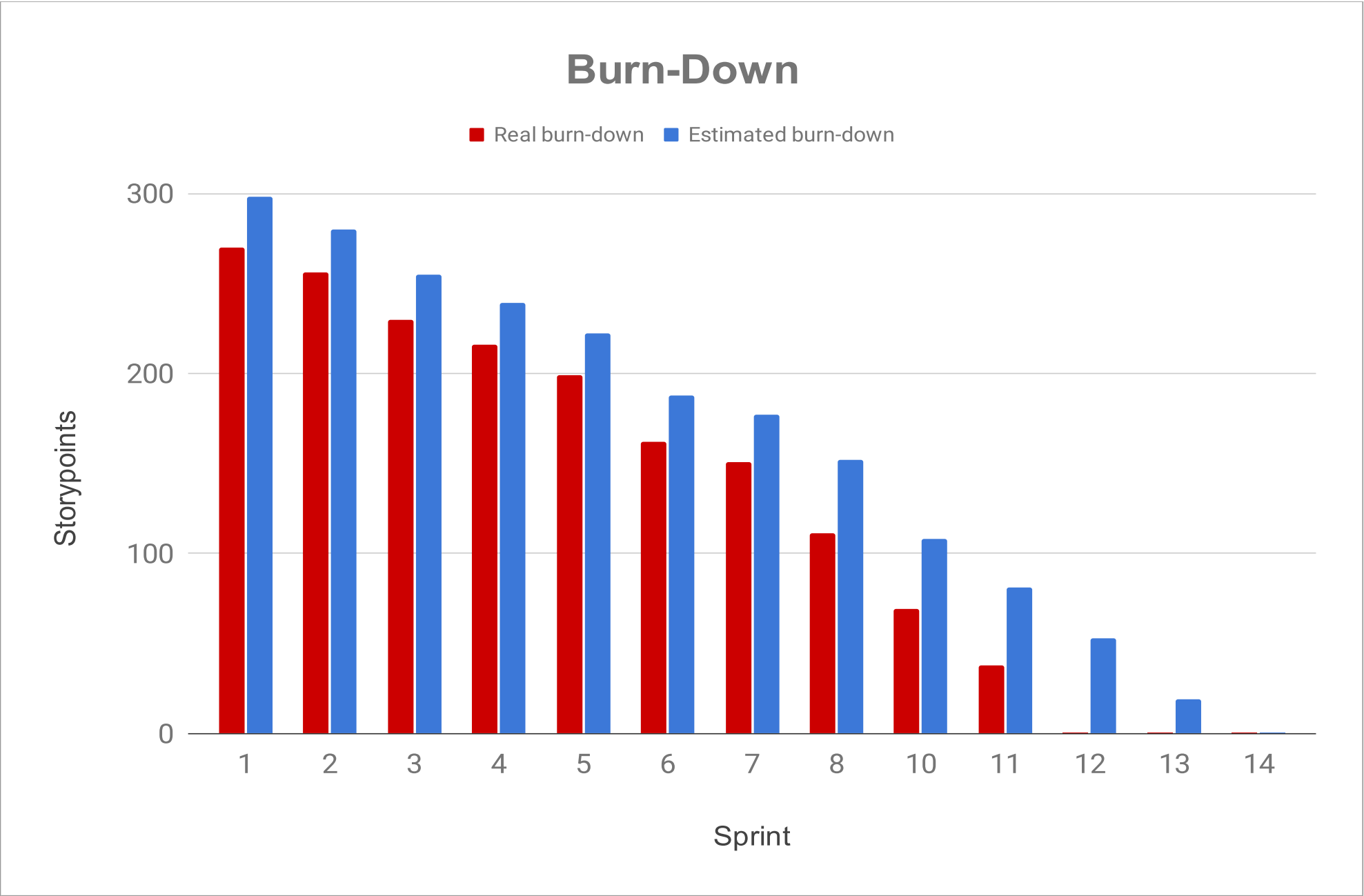
5	Main booking pages design	Finish login and registration and block out main booking pages					
			Booking overview backend	5		5	
			Add admin	5		5	
			Resource booking UI	5		5	
			Booking overview UI	2		2	
6	All main pages design	Finish blocking out main pages and start adding user functions					
			Resource management UI	5		5	
			User management UI	8		5	
			Personal desk booking page UI	5		8	
			Connect FE and BE for login+registration funtion	5		8	
			Optimize dark mode	1		1	
			Git commit pipeline	5		5	
			Connect FE and BE for bookings on overview page and bookings overview page	5		5	

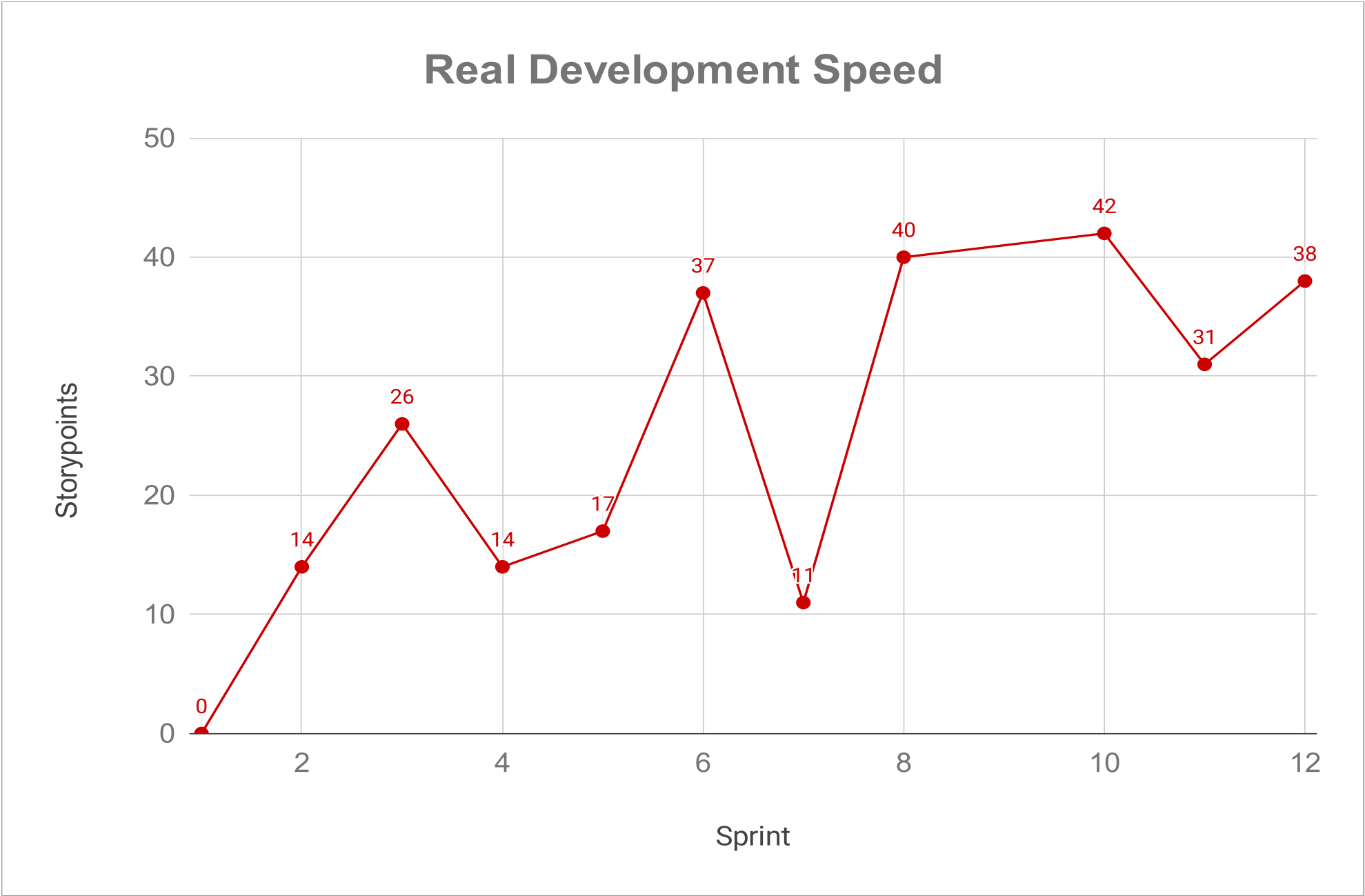
Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
<b>Release</b>							
	<b>Total</b>			298	53	270	0
<b>Sprints</b>							
1	Project kick-off	Agree on team contract, design logo and tshirt and meet with industry partner for the first time		0	298	0	270
2	Project setup	Design framework and build software bases		18	280	14	256
3	Login and registration setup	Continue project setup and get started on login and registration functions		25	255	26	230
4	Overview page design	Continue project setup and block out overview page		16	239	14	216
5	Main booking pages design	Finish login and registration and block out main booking pages		17	222	17	199
6	All main pages design	Finish blocking out main pages and start adding user functions		34	188	37	162
7	Add main functions	Further important functions necessary for the system		11	177	11	151
8	Finish main functions	Finish the main functionalities necessary for the system		25	152	40	111
10	Add resources + general improvements	Add functions to add resources + minor booking improvements + implement basic emails + system clean up		44	108	42	69
11	Complete user and resource management	Add advanced resource management and add edit/delete functions		27	81	31	38
12	Add final necessary features	Add features really necessary for a complete good running system and fix bugs		28	53	38	0
13	Finish final necessary features	Finish the minimum viable product + fix bugs		34	19	0	0
14	Prepare for demo day	Fix bugs, clean up UI, refactoring, clean up the documentation, prepare demo		19	0	0	0
<b>Features</b>							
1	Project kick-off	Agree on team contract, design logo and tshirt and meet with industry partner for the first time					
2	Project setup	Agree on team contract, design logo and tshirt and meet with industry partner for the first time					
			Build software base (front end)	3		3	
			Database design	5		5	
			Software architecture design	5		3	
			Build software base (back end)	5		3	
3	Login and registration setup	Design framework and build software bases					
			Initialize database	5		5	
			Create a dev environment using docker-compose	3		5	
			Basic homepage UI	3		3	
			Logout function	2		1	
			Registration section UI	2		2	
			Login section UI	2		2	

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
			Registration function	5		5	
			Login function	3		3	
4	Overview page design	Continue project setup and get started on login and registration functions					
			Docker compose backend	3		3	
			Overview page UI	3		3	
			Overview page bookings backend	5		5	
			Design our software testing procedure	5		3	
5	Main booking pages design	Finish login and registration and block out main booking pages					
			Booking overview backend	5		5	
			Add admin	5		5	
			Resource booking UI	5		5	
			Booking overview UI	2		2	
6	All main pages design	Finish blocking out main pages and start adding user functions					
			Resource management UI	5		5	
			User management UI	8		5	
			Connect FE and BE for login+registration funtion	5		8	
			Personal desk booking page UI	5		8	
			Optimize dark mode	1		1	
			Git commit pipeline	5		5	
			Connect FE and BE for bookings on overview page and bookings overview page	5		5	
7	Add main functions	Further important functions necessary for the system					
			Move navigation bar to the side	3		3	
			User data endpoint	3		3	
			Create testing framework for front end	5		5	
8	Finish main functions	Finish the main functionalities necessary for the system					
			Connect user management to backend	3		3	
			Connect resource management to backend	3		3	
			Refactoring backend and frontend	5		8	
			Personal desk booking - search function	3		8	
			Resource booking - book function	3		8	
			Approve/Decline user	5		5	
			"Approve all" button	3		5	
9/10	Add resources + general improvements	Add functions to add resources + minor booking improvements + implement basic emails + system clean up					
			Add desk	8		8	

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
			Add room	5		5	
			Add floor	5		5	
			Add desk type	3		3	
			Add building	5		5	
			Add booking pagination	3		3	
			Set up email server	5		5	
			Delete booking	3		3	
			Check if admin route has a checker	2		0	
			Fetch user data from user data endpoint	2		2	
			Send email when account is approved/rejected	3		3	
11	Complete user and resource management	Add advanced resource management and add edit/delete functions					
			Edit user	3		5	
			Delete user	3		3	
			Resource management rooms	3		3	
			Resource management buildings	3		3	
			Resource management floors	3		3	
			Resource management desk type	3		3	
			Edit bookings	5		5	
			Fix start script for production runs	3		5	
			Error in input component	1		1	
12	Add final necessary features	Add features really necessary for a complete good running system and fix bugs					
			Refactoring	8		13	
			Date issues on book a desk	2		2	
			Toast doesn't disappear in Filterbar	1		1	
			Delete resource	8		8	
			Improve registration	3		3	
			Too many errors while registering	0		0	
			Set up production server	3		8	
			Emails not sent when using production server	0		0	
			Error 404 not found when trying to delete user	0		0	
			Archive users	3		3	
13	Finish final necessary features	Finish the minimum viable product + fix bugs					
			Edit resource	8			
			Date time issue edit booking	2			
			Restore deleted resources	8			
			Initial admin registration	3			
			Last admin cannot delete access	2			
			Refactor book a desk experience	8			
			Resource overview does not filter correctly backwards	3			

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
14	Prepare for demo day	Fix bugs, clean up UI, refactoring, clean up the documentation, prepare demo					
			Logged in admins do not lose admin status when it's changed + deleted users aren't kicked out	2			
			Resource overview does not update when resource is added	2			
			Create small dummy database for the demo	2			
			Remove edit function for bookings in the past	2			
			Toast in frontend with name not id	2			
			Clean up UI	2			
			Refactor backend	3			
			Test frontend more	2			
			Exception handling refactoring	2			





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#	Context	Name	Version	License	Comment
1	Nextjs Frontend	next	13	MIT	
2	Nextjs Frontend	tailwindcss	3.2.1	MIT	
3	Nextjs Frontend	postcss	8.4.18	MIT	
4	Nextjs Frontend	react	18.2.0	MIT	
5	Nextjs Frontend	react-dom	18.2.0	MIT	
6	Nextjs Frontend	nodejs	18.0.0	MIT	
7	Nextjs Frontend	eslint	8.26.0	MIT	
8	Nextjs Frontend	eslint-config-next	13.0.0	MIT	
9	Nextjs Frontend	typescript	4.8.4	Apache License 2.0	
10	Nextjs Frontend	next-auth	4.16	ISC	
11	Nextjs Frontend	daisyui	2.39.0	MIT	
12	Nextjs Frontend	react-icons	4.6.0	MIT	
13	Nextjs Frontend	@headlessui/react	1.7.5	MIT	
14	Nextjs Frontend	react-toastify	9.1.1	MIT	
15	Nextjs Frontend	dayjs	1.11.7	MIT	
16					
17	Docker	Docker	20.10	Apache License 2.0	
18	.NET Backend	AutoMapper	12.0.0	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
19	.NET Backend	Microsoft.AspNetCore.Authentication	2.2.0		<a href="https://raw.githubusercontent.com/aspnet/AspNetCore/2.2.0/LICENSE.txt">https://raw.githubusercontent.com/aspnet/AspNetCore/2.2.0/LICENSE.txt</a>
20	.NET Backend	Microsoft.AspNetCore.Authentication.JwtBearer	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
21	.NET Backend	Microsoft.EntityFrameworkCore	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
22	.NET Backend	Microsoft.EntityFrameworkCore.Design	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
23	.NET Backend	Microsoft.EntityFrameworkCore.InMemory	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
24	.NET Backend	Microsoft.EntityFrameworkCore.SqlServer	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
25	.NET Backend	Microsoft.EntityFrameworkCore.Tools.DotNet	2.0.3	Apache-2.0	<a href="https://raw.githubusercontent.com/aspnet/Home/2.0.3/LICENSE.txt">https://raw.githubusercontent.com/aspnet/Home/2.0.3/LICENSE.txt</a>
26	.NET Backend	Microsoft.NETCore.App	2.2.8		<a href="https://github.com/dotnet/core-setup/blob/master/LICENSE.txt">https://github.com/dotnet/core-setup/blob/master/LICENSE.txt</a>
27	.NET Backend	Npgsql.EntityFrameworkCore.PostgreSQL	6.0.7	PostgreSQL	<a href="https://licenses.nuget.org/PostgreSQL">https://licenses.nuget.org/PostgreSQL</a>
28	.NET Backend	Npgsql.EntityFrameworkCore.PostgreSQL.Design	1.1.0		<a href="https://raw.githubusercontent.com/npgsql/npgsql/1.1.0/LICENSE.txt">https://raw.githubusercontent.com/npgsql/npgsql/1.1.0/LICENSE.txt</a>
29	.NET Backend	Swashbuckle.AspNetCore	6.2.3	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
30					
31	.NET Backend Test	coverlet.collector	3.1.2	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
32	.NET Backend Test	Microsoft.NET.Test.Sdk	17.1.0	LICENSE_NET.txt	<a href="https://www.nuget.org/packages/Microsoft.NET.Test.Sdk/17.1.0">https://www.nuget.org/packages/Microsoft.NET.Test.Sdk/17.1.0</a>
33	.NET Backend Test	Moq	4.18.2		<a href="https://raw.githubusercontent.com/moq/moq4/main/LICENSE.txt">https://raw.githubusercontent.com/moq/moq4/main/LICENSE.txt</a>
33	.NET Backend Test	NUnit	3.13.3	LICENSE.txt	<a href="https://www.nuget.org/packages/NUnit/3.13.3/License.txt">https://www.nuget.org/packages/NUnit/3.13.3/License.txt</a>
33	.NET Backend Test	NUnit.Analyzers	3.3.0	license.txt	<a href="https://www.nuget.org/packages/NUnit.Analyzers/3.3.0/License.txt">https://www.nuget.org/packages/NUnit.Analyzers/3.3.0/License.txt</a>
34	.NET Backend Test	NUnit3TestAdapter	4.2.1	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>

#	Context	Name	Version	License	Comment

Last Name	First Name	Value		#DIV/	#DIV/		
				0!	0!		
Lang	Felix						
Koltman	Alexander						
Pfahler	Stefan						
Strobel	Svenja			0	No size		
Sternberg	Fiona			1	Trivial size		
Palloshi	Ardian			2	Small size		
Reich	Moritz			3	Medium size		
Hakimi	Eddy			5	Large size		
Woerndle	Philipp			8	Very large size		
Tiegges	Jan			13	Too large (size)		