

<b>Project Name</b>	Deskstar- Shared Desk Management
<b>Online team meeting</b>	<a href="https://fau.zoom.us/j/67736491695">https://fau.zoom.us/j/67736491695</a>
<b>Industry partner meeting</b>	<a href="https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDcxZjQwZWltZmVhMC00OGE5LWE3ODEtNzA2NzYzN2Q2NWYx%40thread.">https://teams.microsoft.com/l/meetup-join/19%3ameeting_NDcxZjQwZWltZmVhMC00OGE5LWE3ODEtNzA2NzYzN2Q2NWYx%40thread.</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>

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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		Alex Koltman	
9	2022-12-14	Svenja Strobel, Ardian Palloshi	Everyone else		Alex Koltman	
10	2023-01-11	Svenja Strobel, Ardian Palloshi	Everyone else		Alex Koltman	
11	2023-01-18	Svenja Strobel, Ardian Palloshi	Everyone else		Alex Koltman	
12	2023-01-25	Svenja Strobel, Ardian Palloshi	Everyone else		Alex Koltman	
13	2023-02-01	Svenja Strobel, Ardian Palloshi	Everyone else		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
<p>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.</p>	<p>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.</p>

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Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release							
	Total			112	0	103	0
Sprints							
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
Features							
1	Project kick-off	Agree on team contract, design logo and tshirt and meet with industry partner for the first time					
2	Project setup	Design framework and build software bases					
			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	Continue project setup and get started on login and registration functions					
			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	Overview page design	Continue project setup and block out overview page					
			Docker compose backend	3		3	
			Overview page UI	3		3	
			Overview page bookings backend	5		5	
			Design our software testing procedure	5		3	



<b>5</b>	<b>Main booking pages design</b>	<b>Finish login and registration and block out main booking pages</b>					
			Booking overview backend	5		5	
			Add admin	5		5	
			Resource booking UI	5		5	
			Booking overview UI	2		2	
<b>6</b>	<b>All main pages design</b>	<b>Finish blocking out main pages and start adding user functions</b>					
			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	

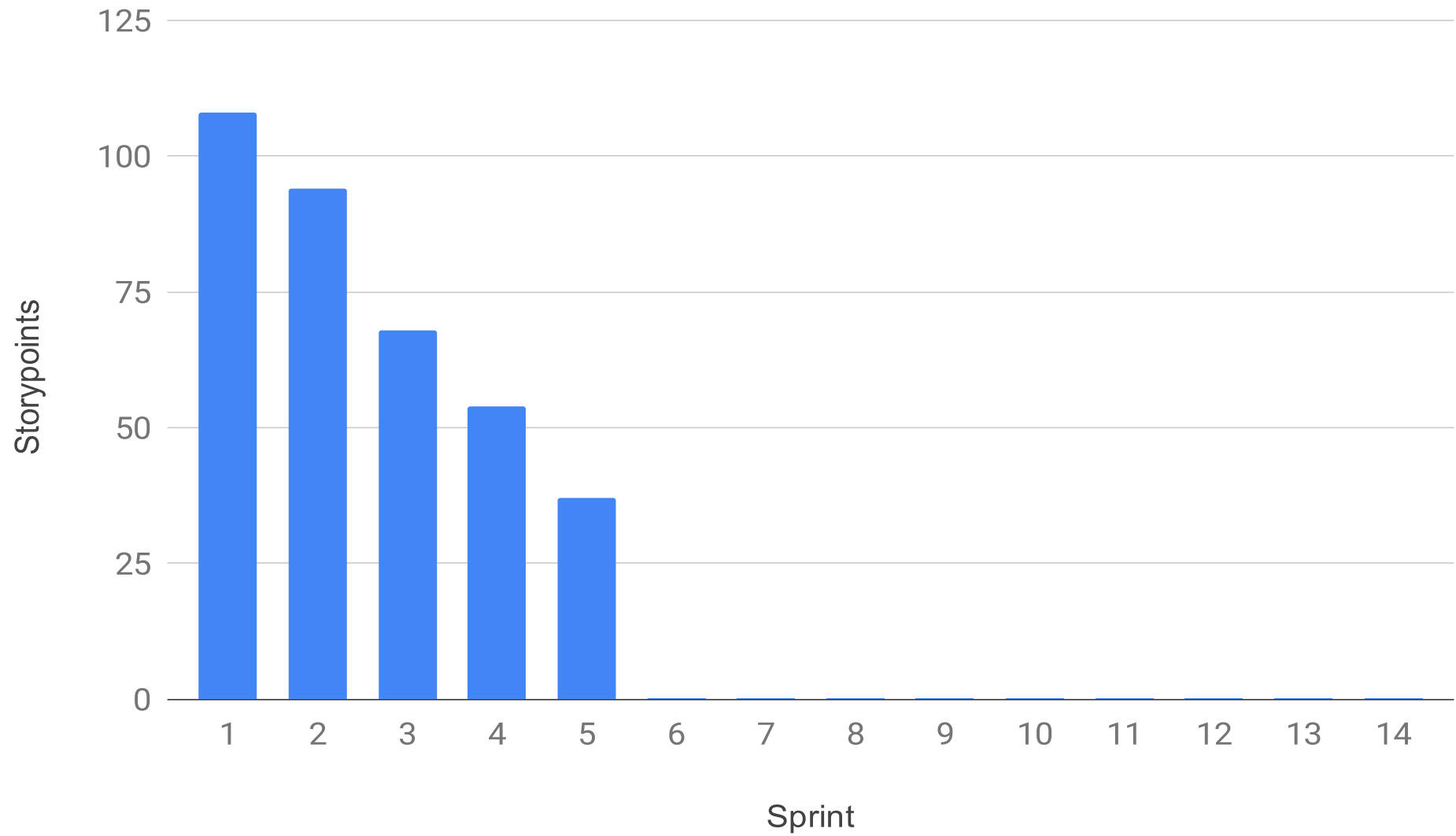
Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release							
	Total			139	29	108	0
Sprints							
1	Project kick-off	Agree on team contract, design logo and tshirt and meet with industry partner for the first time		0	139	0	108
2	Project setup	Design framework and build software bases		18	121	14	94
3	Login and registration setup	Continue project setup and get started on login and registration functions		25	96	26	68
4	Overview page design	Continue project setup and block out overview page		16	80	14	54
5	Main booking pages design	Finish login and registration and block out main booking pages		17	63	17	37
6	All main pages design	Finish blocking out main pages and start adding user functions		34	29	37	0
7	Add main functions	Further important functions necessary for the system		29	0	0	0
8	Resource and improved approve functions	Add functions for adding resources and quick user approval for the admin		0	0	0	0
9	Resource and booking management	Add more options to manage the booking and resources, such as deleting and editing		0	0	0	0
10	User management	Add features to edit the users in the system and prevent errors as well as improved registration		0	0	0	0
11	Design and further functionalities	Improve the design of the UI and add more functions		0	0	0	0
12	Advanced functionalities	Add functions that would be helpful for the admin and system		0	0	0	0
13	Final functionalities	Add the final features		0	0	0	0
14	UI improvement	Improve and update the UI		0	0	0	0
Features							
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	

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
			Logout function	2		1	
			Registration section UI	2		2	
			Login section UI	2		2	
			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			
			Personal desk booking - search function	5			
			Resource booking - book function	8			
			User data endpoint	3			
			Approve/Decline user	5			
			Create testing framework for front end	5			
8	Resource and improved approve functions	Add functions for adding resources and quick user approval for the admin					
			Connect user management to backend				
			Connect resource management to backend				
			Add desk				
			Add room				

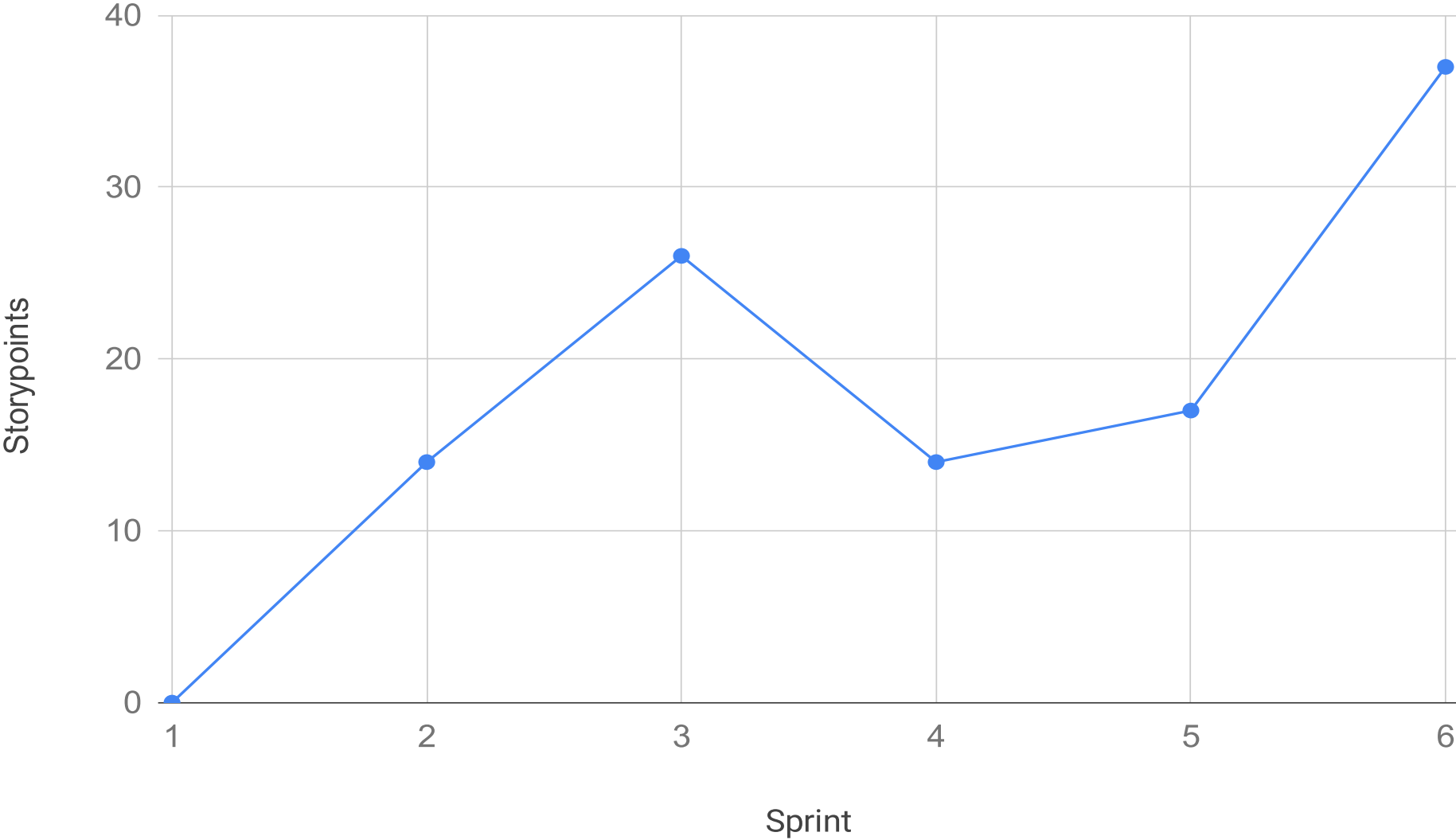
Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
			Add floor				
			Add building				
			"Approve all" button				
			Refactor bookings				
			Set up email server				
9	Resource and booking management	Add more options to manage the booking and resources, such as deleting and editing					
			Secure admin routes				
			Delete booking				
			Edit resource				
			Delete resource				
			Edit bookings				
			Show all booked and non booked desks				
10	User management	Add features to edit the users in the system and prevent errors as well as improved registration					
			Send email when account is approved/rejected				
			Delete user				
			Edit user				
			User profile				
			Initial admin registration				
			Register with company name instead of ID				
11	Design and further functionalities	Improve the design of the UI and add more functions					
			Last admin cannot delete access				
			Make overview page pretty				
			Recurring bookings				
			Add meeting rooms				
12	Advanced functionalities	Add functions that would be helpful for the admin and system					
			Book for someone else				
			Reports				
			Add groups				
			Verify email address				
13	Final functionalities	Add the final features					
			Contact Support				
			Upload Profile Picture				
			Profile modification				
			Add curent date in the homepage UI				
14	UI improvement	Improve and update the UI					

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
			Clean up UI and improve design				
			Homepage UI				

## Real Burn-Down



# Real Development Speed



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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					
14					
15					
16	Docker	Docker	20.10	Apache License 2.0	
17	.NET Backend	AutoMapper	12.0.0	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
18	.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>
19	.NET Backend	Microsoft.AspNetCore.Authentication.JwtBearer	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
20	.NET Backend	Microsoft.EntityFrameworkCore	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
21	.NET Backend	Microsoft.EntityFrameworkCore.Design	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
22	.NET Backend	Microsoft.EntityFrameworkCore.InMemory	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
23	.NET Backend	Microsoft.EntityFrameworkCore.SqlServer	6.0.10	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
24	.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>
25	.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>
26	.NET Backend	Npgsql.EntityFrameworkCore.PostgreSQL	6.0.7	PostgreSQL	<a href="https://licenses.nuget.org/PostgreSQL">https://licenses.nuget.org/PostgreSQL</a>
27	.NET Backend	Npgsql.EntityFrameworkCore.PostgreSQL.Design	1.1.0		<a href="https://raw.githubusercontent.com/npgsql/npgsql.EntityFrameworkCore.PostgreSQL.Design/1.1.0/LICENSE.txt">https://raw.githubusercontent.com/npgsql/npgsql.EntityFrameworkCore.PostgreSQL.Design/1.1.0/LICENSE.txt</a>
28	.NET Backend	Swashbuckle.AspNetCore	6.2.3	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
29					
30	.NET Backend Test	coverlet.collector	3.1.2	MIT	<a href="https://licenses.nuget.org/MIT">https://licenses.nuget.org/MIT</a>
31	.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>
32	.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">https://www.nuget.org/packages/NUnit.Analyzers/3.3.0</a>
33	.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

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