

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

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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

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

Signed by	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	34	71	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	71
2	Project setup	Design framework and build software bases		18	94	14	57
3	Login and registration setup	Continue project setup and get started on login and registration functions		27	67	26	31
4	Overview page design	Continue project setup and block out overview page		16	51	14	17
5	Main booking pages design	Finish login and registration and block out main booking pages		17	34	17	0
6	All main pages design	Finish blocking out main pages and start adding user functions		34	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	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	

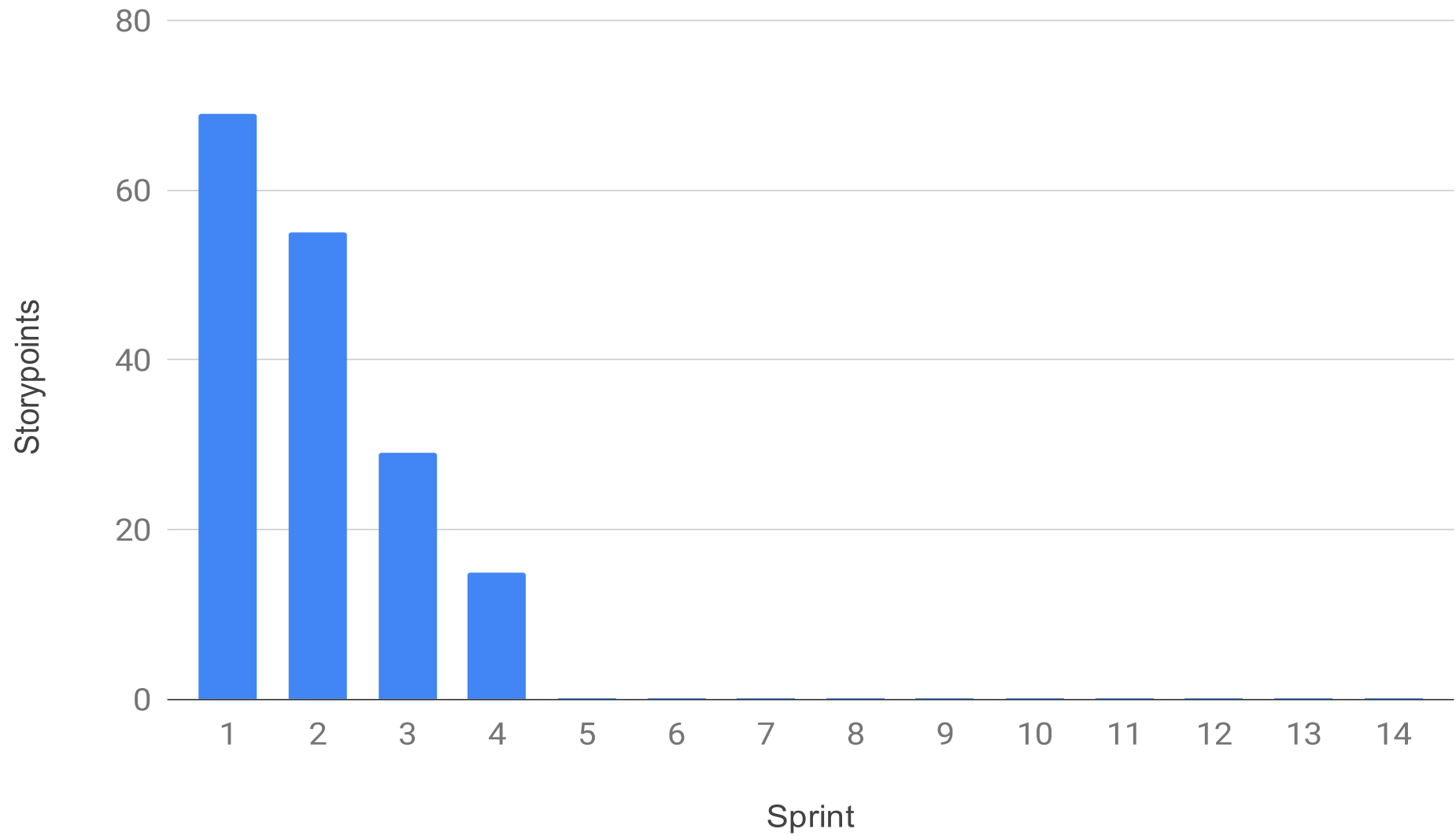
5	Main booking pages design	Finish login and registration and block out main booking pages					
			Booking overview backend	5		5	
			Add admin	5		5	
			Resource booking UI	5		5	
			Booking overview UI	2		2	
6	All main pages design	Finish blocking out main pages and start adding user functions					
	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

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
Release							
	Total			110	34	69	0
Sprints							
1	Project kick-off	Agree on team contract, design logo and tshirt and meet with industry partner for the first time		0	110	0	69
2	Project setup	Design framework and build software bases		18	92	14	55
3	Login and registration setup	Continue project setup and get started on login and registration functions		25	67	26	29
4	Overview page design	Continue project setup and block out overview page		16	51	14	15
5	Main booking pages design	Finish login and registration and block out main booking pages		17	34	15	0
6	All main pages design	Finish blocking out main pages and start adding user functions		34	0	0	0
7	Add main functions	Further important functions necessary for the system		0	0	0	0
8	Resource and 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 initial 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	

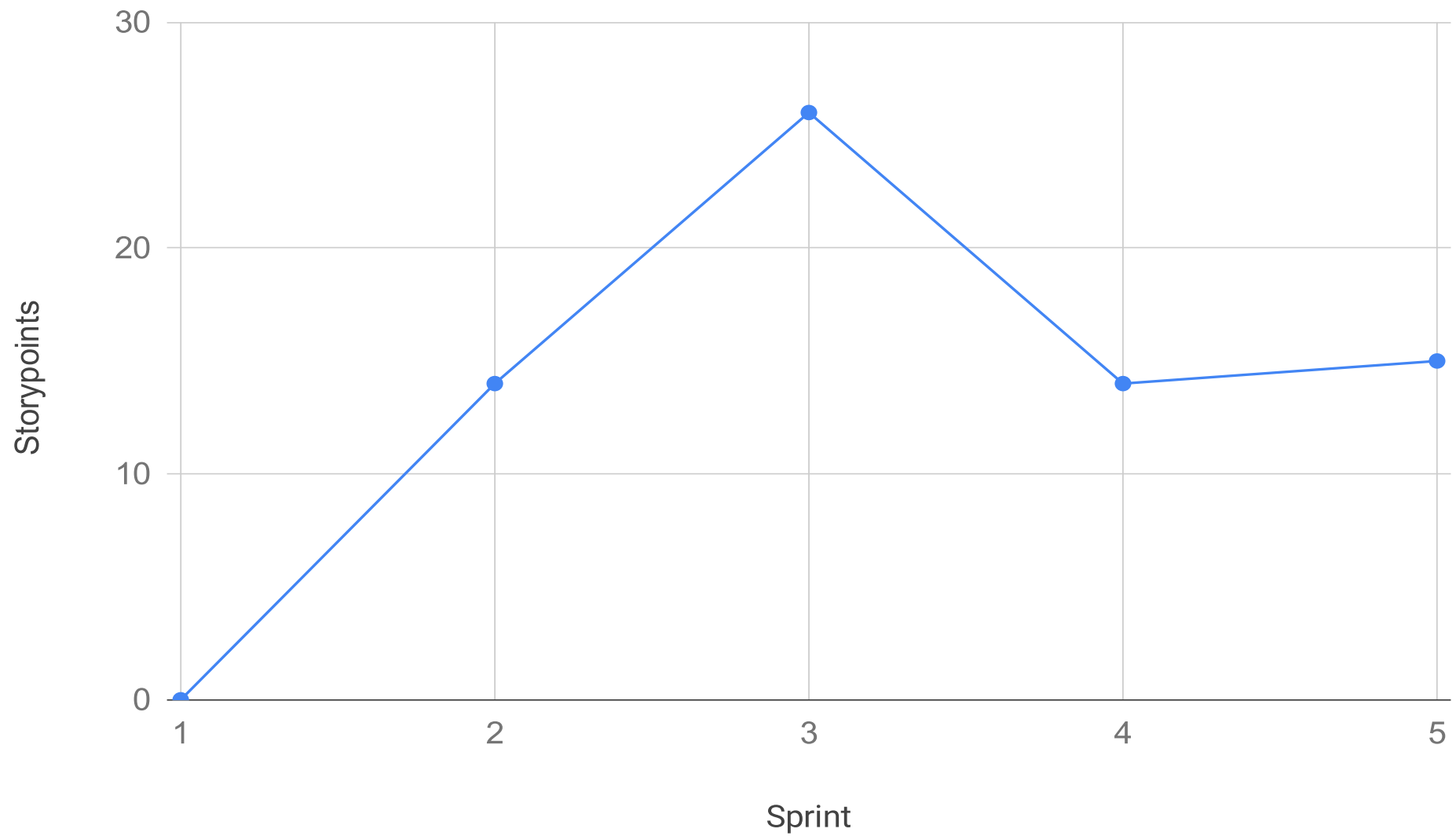
Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
			Logout function	2		1	
			Registration section UI	2		2	
			Login section UI	2		2	
			Registration function	5		5	
			Login function	3		3	
4	Overview page design	Continue project setup and get started on login and registration 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			
6	All main pages design	Finish blocking out main pages and start adding user functions					
			Resource management UI	5			
			User management UI	8			
			Connect FE and BE for login+registration funtion	5			
			Personal desk booking page UI	5			
			Optimize dark mode	1			
			Git commit pipeline	5			
			Connect FE and BE for bookings on overview page and bookings overview page	5			
7	Add main functions	Further important functions necessary for the system					
			Move navigation bar to the side				
			Personal desk booking - search function				
			Resource booking - book function				
			User data endpoint				
8	Resource and approve functions	Add functions for adding resources and quick user approval for the admin					
			Approve/Decline user				
			Add desk				
			Add room				
			Add floor				
			Add building				
			"Approve all" button				

Sprint	Theme	Goal	Feature Name	Est. Size	Est. Remaining	Real Size	Real Remaining
9	Resource and booking management	Add more options to manage the booking and resources, such as deleting and editing					
			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 initial registration					
			Delete user				
			Edit user				
			User profile				
			Initial admin registration				
			Last admin cannot delete access				
11	Design and further functionalities	Improve the design of the UI and add more functions					
			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				
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					
			Clean up UI and improve design				
			Homepage UI				

Real Burn-Down



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	Nextjs Frontend	react-datetime-picker	4.1.1	MIT	
14	Nextjs Frontend	react-dropdown	1.11.0	MIT	
15					
16	Docker	Docker	20.10	Apache License 2.0	
17					
18	.NET Backend	Microsoft.AspNetCore.Authentication	2.2.0		https://raw.githubusercontent.com/aspnet/AspNetCore/2.2.0/LICENSE.txt
19	.NET Backend	Microsoft.AspNetCore.Authentication.JwtBearer	6.0.10	MIT	https://licenses.nuget.org/MIT
20	.NET Backend	Microsoft.EntityFrameworkCore	6.0.10	MIT	https://licenses.nuget.org/MIT
21	.NET Backend	Microsoft.EntityFrameworkCore.Design	6.0.10	MIT	https://licenses.nuget.org/MIT
22	.NET Backend	Microsoft.EntityFrameworkCore.InMemory	6.0.10	MIT	https://licenses.nuget.org/MIT
23	.NET Backend	Microsoft.EntityFrameworkCore.SqlServer	6.0.10	MIT	https://licenses.nuget.org/MIT
24	.NET Backend	Microsoft.EntityFrameworkCore.Tools.DotNet	2.0.3	Apache-2.0	https://raw.githubusercontent.com/aspnet/Home/2.0.3/LICENSE.txt
25	.NET Backend	Microsoft.NETCore.App	2.2.8		https://github.com/dotnet/core-setup/blob/master/LICENSE.txt
26	.NET Backend	Npgsql.EntityFrameworkCore.PostgreSQL	6.0.7	PostgreSQL	https://licenses.nuget.org/PostgreSQL
27	.NET Backend	Npgsql.EntityFrameworkCore.PostgreSQL.Design	1.1.0		https://raw.githubusercontent.com/npgsql/npgsql/1.1.0/LICENSE.txt
28	.NET Backend	Swashbuckle.AspNetCore	6.2.3	MIT	https://licenses.nuget.org/MIT
29					
30	.NET Backend Test	coverlet.collector	3.1.2	MIT	https://licenses.nuget.org/MIT
31	.NET Backend Test	Microsoft.NET.Test.Sdk	17.1.0	LICENSE_NET.txt	https://www.nuget.org/packages/Microsoft.NET.Test.Sdk/17.1.0
32	.NET Backend Test	Moq	4.18.2		https://raw.githubusercontent.com/moq/moq4/main/LICENSE.txt
33	.NET Backend Test	NUnit	3.13.3	LICENSE.txt	https://www.nuget.org/packages/NUnit/3.13.3/License.txt
33	.NET Backend Test	NUnit.Analyzers	3.3.0	license.txt	https://www.nuget.org/packages/NUnit.Analyzers/3.3.0/License.txt
33	.NET Backend Test	NUnit3TestAdapter	4.2.1	MIT	https://licenses.nuget.org/MIT

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