AMOS Project 3 - Planning Documents

Project Data

Project Name	
Production system (if any)	
Test system (if any)	 
, ,,	
GitHub repository	amosproj/amos2021ws03-teams-to-nextcloud (github.com)
GitHub kanban board (project)	
Team T-shirt (white)	
Team T-shirt (black)	https://www.shirtinator.de/loadBasket/CpCGgQ3VK86
Additional materials	
- (- (- (- (- (- (- (- (- (- (- (- (- (-	1 (1
Team meeting (THU 12:30)	https://tu-berlin.zoom.us/j/62699058224?pwd=alFUMG4zdlNWUVAxNTlwMGRSdWJlZz09

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Project Team

Last Name	First Name	GitHub User Name	Email Address
Petrov	Momchil	Smoothex	m.petrov@campus.tu-berlin.de
Moskov	Todor	todormoskov	todor.moskov96@gmail.com
Balink	Robert	rbalink	robert.balink@gmail.com
Metodieva	Zlatina	zlatinametodieva	z.metodieva@campus.tu-berlin.de
Schneider	Eric	tailoric	eric.schneider@campus.tu-berlin.de

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Team Contract

Goals	Learn the process of agile development	Team contract signed by:
	Have an enjoyable experience working together as a team	Momchil Petrov
	Fullfill the clients wants to the best of our ability Build something we can be proud of, something useful, maintainable and beautiful	Eric Schneider Robert Balink
Meeting norms	Two daily-like meetings in a week (apart from the mandatory one on Thursday)	Todor Moskov
	Meetings are mandatory	Zlatina Metodieva
Working norms	Being late is not acceptable Decisions will be made collectively	
	Give constructive criticism, but also be able to face criticism yourself	
	Everyone works independently or in pairs	
Coordination norms	Product Owner leads the team meetings	
	We allocate assignments together	
Communication norms	Every team member checks the WhatsApp Group at least once a day	
	Respond to a message within a work-day	
Consideration norms	Handle disagreements in direct discussions, involve the whole team if no solution was found.	
Cont. improvement norms	Track progress via Kanban board.	
	We evaluate the work of others based on the quality of the job done	
Rewards	Live team building as a reward	
Sanctions	Do a small workout routine (5 push-ups / 10 squats)	

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Role Assignments

#	Meeting Day	Comment	Coach	Product Owner	Software Developer	Release Manager	Scrum Master
1	2021-10-21	Both POs and one SD left	Yes	Coach	Everyone else	N/A	Coach
2	2021-10-28		Yes	Miftari, Ada	Everyone else	N/A	Coach
3	2021-11-04		Yes	Petrov, Momchil	Everyone else	N/A	Coach
4	2021-11-11		Yes	Balink, Robert	Everyone else	Moskov, Todor	Coach
5	2021-11-18		Yes	Schneider, Eric	Everyone else	Metodieva, Zlatina	Coach
6	2021-11-25		Yes	Metodieva, Zlatina	Everyone else	Schneider, Eric	Coach
7	2021-12-02	Mid-project release due	Yes	Moskov, Todor	Everyone else	Balink, Robert	Coach
8	2021-12-09		Yes	Petrov, Momchil	Everyone else	Schneider, Eric	Metodieva, Zlatina
9	2021-12-16		Yes	Metodieva, Zlatina	Everyone else	Balink, Robert	Schneider, Eric
10	2022-01-13		Yes	Metodieva, Zlatina	Everyone else	Balink, Robert	Petrov, Momchil
11	2022-01-20			Balink, Robert	Everyone else	Metodieva, Zlatina	Schneider, Eric
12	2022-01-27			Schneider, Eric	Everyone else	Metodieva, Zlatina	Petrov, Momchil
13	2022-02-03		Yes	Petrov, Momchil	Everyone else	Schneider, Eric	Balink, Robert
14	2022-02-10	Demo day / final release		Everyone else	Everyone else	Everyone else	Everyone else
15	2022-02-17	Project retrospective due		Everyone else	Everyone else	Everyone else	Everyone else

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Product Goal

## **Product Vision**

The product is a Microsoft Teams tab, which provides a similar web interface to the pre-built Sharepoint functionality. The interface will handle the authentification of the users making sure that the connection between the two services (MS Teams and NextCloud) is secure and stable. The application aims to serve as a back-up, so that Microsoft Sharepoint is not a single point of failure. Additionally, it enables the user to use an open-source software solution for data management, which may be especially attractive for German clients, since NextCloud is developed in Germany. Our plugin aims to achieve transparency between a client and a service, so that the user knows how his data is handled - something that's missing in a closed source solution like Microsoft Sharepoint.

## **Project Mission**

Using the Teams to NextCloud plugin will provide the user with an alternative to the already built-in Sharepoint plugin for storing and managing data inside of Teams. Users will be able to upload, download, modify data that is stored in NextCloud from inside of Teams as this is a core functionality of data management software. Additionally, our plugin will enable the users to bind a shared folder to a specific channel, so that only the members of this channel will be able to see it and work on it.

The reason of existence of the envisioned product (beyond this project).

The mission of this particular project (in the context of the product vision).

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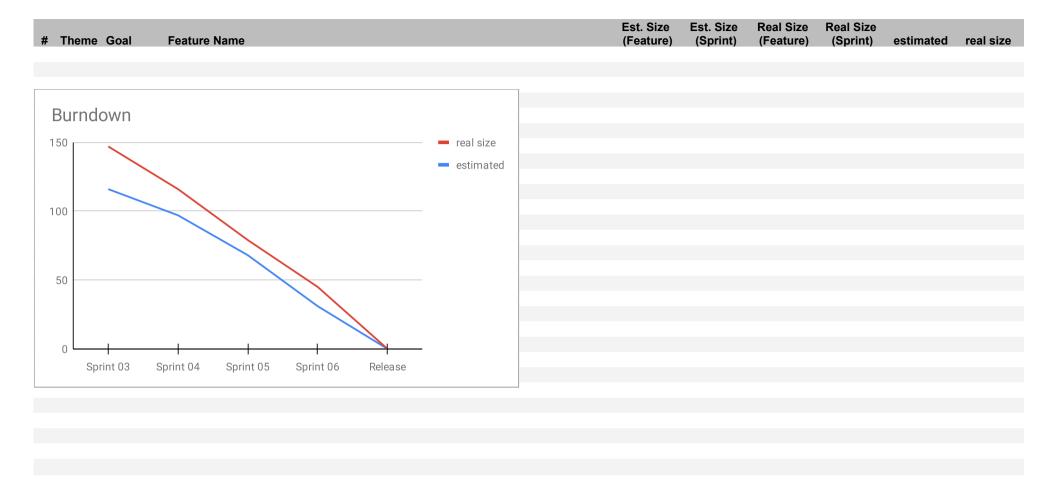
Product Glossary

Term	Definition

# Theme Go	oal Feature Name orint 03	Est. Size (Feature)	Est. Size (Sprint) 19	Real Size (Feature)	Real Size (Sprint) 31	estimated 116	real size
2	Upload a file to nextcloud via Website	3		5			
3	Login to nextcloud	3		13			
4	Basic first webview for Teams tab	3		3			
5	Show Basic User Information in Teams App Tab	5		5			
8	Create a basic Project Skeleton	5		5			
Sp	print 04		29		37	97	116
25	Frontend & Nextcloud Deployment	8		8			
13	Show nextcloud information in webview similar to sharepoint	8		13			
1	Show Nextcloud files	5		8			
10	Single Sign-On for Nextcloud through Microsoft Azure Active Directory	8		8			
Sp	print 05		37		34	68	79
6	Edit a filename on Nextcloud from webview	5		5			
7	Open directories on the webview	8		8			
9	Delete a single file/folder on Nextcloud from webview	5		5			
23	Add a configuration page to the Teams Tab Addon	8		5			
34	Remove sync button	1		1			
30	Login state invalid after page reload	5		5			
14	Delete multiple files/folders on Nextcloud from webview	5		5			
Sp	print 06		31		45	31	45
29	Upload Button currently not working	3		13			
12	Download a File on Nextcloud from webview	5		8			
35	Open file/folder in Nextcloud	5		5			
36	Create new folder from webview	8		8			
37	Checkbox for selecting all items in the webview	5		3			
15	Download multiple files on Nextcloud from webview	5		8			
Re	elease					0	0

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Mid-Project Release Tracking



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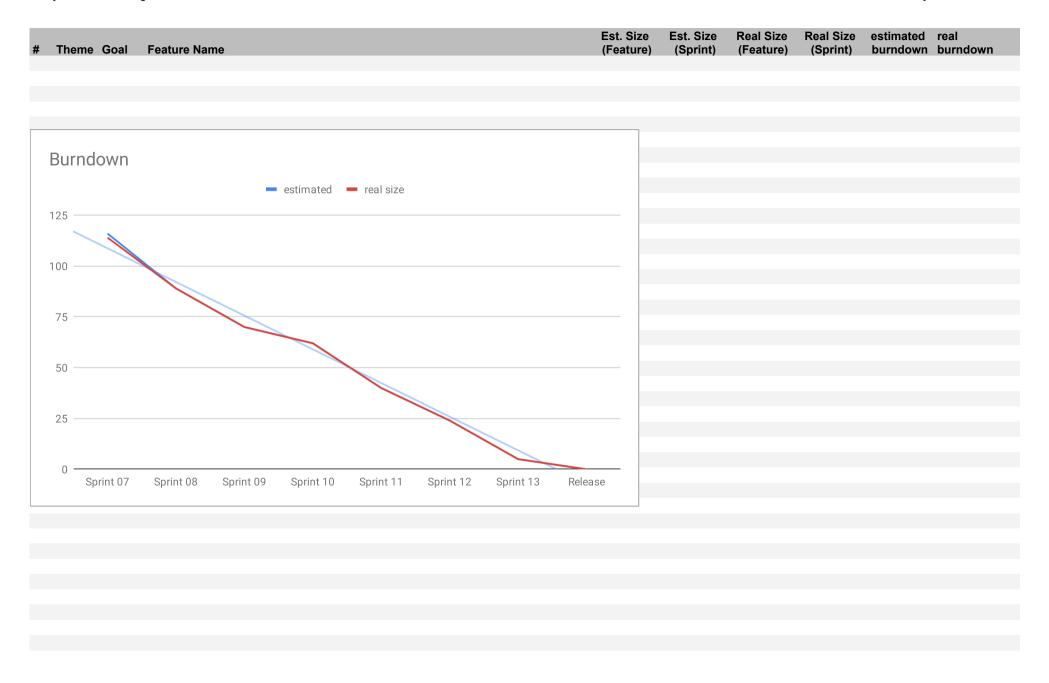
Impediments Backlog

Sprint	Status	Source	Impediment	Resolution
2	Resolved	Petrov, Momchil	3 people dropped out (2 POs and 1 SD)	A new person joined our team
			Industry partner didn't join a scheduled meeting, not	
3	Resolved	Schneider, Eric	excellent communication	We are now in a team chat with the client
8	Resolved	Metodieva, Zlatina	log4j exploit stopped our production server for now, we need to check if we are safe	Zlatina went through the production setup and made sure that we are safe

# The	me Goal Sprint	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	Real Size (Sprint)	estimated burndown	
	O7			23		25	116	114
38		Deselecting all currently selected items	3		2			
51		File list selection similar to SharePoints	5		5			
47		Show the progress bar on delete	3		3			
48		Rename through a modal	5		8			
63		Arrows indicating sorting	5		5			
59		Incorrect creation of folders	1		1			
58		Incorrect opening of directories in Nextcloud	1		1			
53		Sortable file list	5		5			
	Omminst (	00		16		19	89	89
49	Sprint	Action images hardcoded in the actions	3	16	3		69	69
50		File list with icons	3		3			
54		File list with resizable columns	5		5			
11		Link-sharing on Nextcloud from webview	5		8			
		Link Sharing of Nextoloda from Webview	J		J			
	Sprint			16		8	70	70
71		Continuous Integration	8		5			
72		Check production environment for log4jshell	8		3			
	Sprint	10		23		22	62	62
79	-	Copy link button currently not working in Teams	5		5			
68		Deselect button pushed to the right	5		5			
76		Files table appears not properly aligned	5		3			
77		File icons too big	3		1			
64		Round checkboxes	5		8			
	Sprint	11		18		16	40	40
83	Spriit	Error handling for LogIn button	5		3		10	
			3		3			
85 86		Font size scaled down Address bar in bold text	3 2		3 2			

78 98 102 107 108 109	Download a single and multiple folders on Nextcloud from webview  rint 12  Configuration page redirecting to user folder when logged in Progress bar on download	<b>(Feature)</b> 5	(Sprint)	( <b>Feature</b> ) 5	(Sprint)	burndown	
98 102 107 108	Configuration page redirecting to user folder when logged in Progress bar on download	5	14				
98 102 107 108	Configuration page redirecting to user folder when logged in Progress bar on download	5	14				
98 102 107 108	Configuration page redirecting to user folder when logged in Progress bar on download	5			19	24	2
107 108		•		5			
108		2		2			
	Wrong checkbox alignment and status in empty folder	3		3			
109	Empty table as upload field	3		3			
.00	Fast double clicking on folders pushes them multiple times on the address bar	1		1			
0			6		5	5	
113	rint 13 Clean up repo	3	6	2	5	5	
114							
115	Add repo description Finalize user, (technical) design, and build/deploy documentation	0		0			
84	Github page documentation	3		3			
	elease	<u> </u>	0	3	0	0	

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Final Project Release Plannning

#	Theme Goal	Feature Name	Est. Size (Feature)	Est. Size (Sprint)	Real Size (Feature)	estimated burndown	

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Definition of Done

#	Feature Definition of Done	Sprint Release Definition of Done	Project Release Definition of Done
1	Code is reviewed and merged to main by RM (or at least a different person from the one, who has implemented it)	Most of the tasks that were assigned at the beginning of the sprint are done	The release plan is filled in correctly
	The code builds without errors or if there are any - they are noted down and clearly communicated with the team	The sprint release candidate is properly tagged	All of the licences are listed in the bill of materials
3	A feature is to be implemented so that it is scalable on different devices and works consistently for the rest of the team		The documentation is up-to-date
4	The code goes successfully through the CI pipeline	The documentation is up-to-date	There are no crucial tickets left undone
5		The current state of the project has been demo-ed at the meeting	(Technical) design of the project is finalized
6			The code is properly tagged depending on the release - mid-project or final
7			The code builds without errors, all tests pass

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Documentation

Туре	Link / reference
Deployment & Release	https://github.com/amosproj/amos2021ws03-teams-to-nextcloud/blob/main/Documentation/Deployment.md
SSO configuration	https://github.com/amosproj/amos2021ws03-teams-to-nextcloud/blob/main/Documentation/SSO-Config.md
Adding App to Teams	https://github.com/amosproj/amos2021ws03-teams-to-nextcloud/blob/main/Documentation/AddonToTeams.md
Enabling CORS on NextCloud	https://github.com/amosproj/amos2021ws03-teams-to-nextcloud/blob/main/Documentation/Enabling%20CORS%20on%20NextCloud.md

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Bill of Materials

SDK for interacting with Teams inside the Teams Tab App Microsoft Teams JavaScript client SDK 1.11.0 MIT  https://www.npmjs.com/package/@microsoft/teams-is inside the Teams Tab App Framework for reactive page rendering Library for interacting with nextcloud via the WebDAV protocol webdav 4.7.0 MIT  https://www.npmjs.com/package/webdav protocol webdav 4.7.0 MIT  https://github.com/axios/axios library for ajax requests polyfill library for ECMAScript Features and cross browser compatibility features and cross browser library for state management inside vue vuex 3.6.5 MIT  https://github.com/vuejs/vuex inside vue vuex vuex 3.6.2 MIT  https://github.com/vuejs/vue-router library for routing to urls in vue vue-router 3.2.0 MIT  https://github.com/developit/mitt Functional event emitter / pubsub Library for creating toasts / https://github.com/Maronato/vue-joastification notifications Vue Toastification thus sirved woment, but the sirved to state for the tips://github.com/moment/moment/  https://github.com/moment/moment/ Date library Moment.js 2.29.1 MIT	l .	Context	Name	Version I	License	Comment
https://vueis.org/ https://www.npmjs.com/package/webdav protocol webdav 4.7.0 MIT https://github.com/axios/axios library for ajax requests polyfill library for ECMAScript Features and cross browser compatibility library for state management inside vue vuex 3.6.5 MIT https://github.com/vueis/vuex library for styling elements https://github.com/vueis/vuer-router library for styling elements https://github.com/developit/mitt Functional event emitter / pubsub https://github.com/developit/mitt Functional event emitter / pubsub https://github.com/Maronato/vue-toastification notifications Vue Toastification https://github.com/moment/moment/ https://github.com/moment						
https://www.npmjs.com/package/webdav protocol webdav 4.7.0 MIT  https://github.com/axios/axios library for ajax requests polyfill library for ECMAScript Features and cross browser compatibility inside vue vuex 3.6.5 MIT  https://github.com/vuejs/vuex inside vue vuex 3.6.2 MIT  https://github.com/vuejs/vuex inside vue vuex 3.6.2 MIT  https://github.com/vuejs/vue-router library for routing to urls in vue vue-router 3.2.0 MIT  https://github.com/developit/mitt Functional event emitter / pubsub https://github.com/developit/mitt Functional event emitter / pubsub https://github.com/Maronato/vue-toastification notifications Vue Toastification 2.0.0 MIT  https://github.com/moment/moment/moment/ Date library Moment.js 2.2.1 MIT	https://www.npmjs.com/package/@microsoft/teams-js		Microsoft Teams JavaScript client SDK	1.11.0	MIT	
Library for interacting with nextcloud via the WebDAV protocol webdav 4.7.0 MIT  https://github.com/axios/axios library for ajax requests axios 0.24.0 MIT  https://www.npmjs.com/package/core-js compatibility Features and cross browser compatibility library for state management inside vue vuex 3.6.2 MIT  https://github.com/vuejs/vuex inside vue vuerouter library for routing to urls in vue https://getbootstrap.com/ CSS libary for styling elements https://github.com/developit/mitt Functional event emitter / pubsub Mitt 3.0.0 MIT  https://github.com/Maronato/vue-toastification https://github.com/moment/moment// Date library Moment.js 2.29.1 MIT						
https://www.npmjs.com/package/webdav protocol webdav 4.7.0 MIT https://github.com/axios/axios library for ajax requests polyfill library for ECMAScript Features and cross browser compatibility com/axios/device vuex 3.6.5 MIT  https://github.com/vuejs/vuex inside vue vuex 3.6.2 MIT  https://github.com/vuejs/vuex library for routing to urls in vue vue-router 3.2.0 MIT  https://github.com/developit/mitt Functional event emitter / pubsub Mitt 3.0.0 MIT  https://github.com/Maronato/vue-toastification notifications Vue Toastification 2.0.0 MIT  https://github.com/moment/moment//  https://github.com/moment/moment// Date library Moment.js 2.29.1 MIT	https://vuejs.org/		<u>Vue.js</u>	3.x I	MIT	
https://github.com/axios/axios library for ajax requests polyfill library for ECMAScript Features and cross browser compatibility library for state management library for routing to urls in vue vue-router library.com/yuejs/vue-router library for styling elements https://github.com/vuejs/vue-router library for styling elements https://github.com/developit/mitt Functional event emitter / pubsub library for creating toasts / https://github.com/Maronato/vue-toastification notifications vue library for count for count in vue vue Toastification lotifications vue vue Toastification vue Vue Toastif						
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Planning Poker

Last Name	First Name	Value			
Petrov	Momchil	3			
Moskov	Todor	3	3.40	NOK	
Balink	Robert	3	3.40	NUN	
Metodieva	Zlatina	5			
Schneider	Eric	3	0	No size	
			1	Trivial size	
			2	Small size	
			3	Medium size	
			5	Large size	
			8	Very large size	
			13	Too large (size)	
				• , ,	