| 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          |  |
|                               |  |
| Team meeting (THU 12:30)      | https://tu-berlin.zoom.us/j/62699058224?pwd=alFUMG4zdlNWUVAxNTlwMGRSdWJIZz09 |
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| 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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| 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  | Eric Schneider           |
|                         | Build something we can be proud of, something useful, maintainable and beautiful             | 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        |
|                         | Being late is not acceptable   |                          |
| Working norms           | 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)  |                          |

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

| Term | Definition |
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|                | 0        | Factorial Name  | Est. Size | Est. Size | Real Size | Real Size | Burn- |
|----------------|----------|---|-----------|-----------|-----------|-----------|-------|
| Theme          | Sprint   | Feature Name  | (Feature) | (Sprint)  | (Feature) | (Sprint)  | Down  |
|                | 03       |   |           | 27        |           | 26        | 63    |
| 2              |          | Upload a file to nextcloud via Website                                | 3         |           | 5         |           |       |
|                |          | Login to nextcloud  | 4         |           | 13        |           |       |
|                |          | Basic first webview for Teams tab                                     | 5         |           | 3         |           |       |
|                |          | Show Basic User Information in Teams App Tab                          | 6         |           |           |           |       |
|                |          | Create a basic Project Skeleton                                       | 9         |           | 5         |           |       |
|                | Sprint ( |   |           | 29        |           | 37        | 37    |
| 5              |          | Frontend & Nextcloud Deployment                                       | 8         |           | 8         |           |       |
| 3              |          | Show nextcloud information in webview similar to sharepoint           | 8         |           | 13        |           |       |
|                |          | Show Nextcloud files  | 5         |           | 8         |           |       |
|                |          | Single Sign-On for Nextcloud through Microsoft Azure Active Directory | 8         |           | 8         |           |       |
|                | Sprint ( |   |           | 34        |           | 0         | (     |
|                |          | Edit a filename on Nextcloud from webview                             | 5         |           |           |           |       |
| 9              |          | Upload Button currently not working                                   | 3         |           |           |           |       |
| _              |          | Open directories on the webview                                       | 8         |           |           |           |       |
| 2              |          | Download a File on Nextcloud from webview                             | 5         |           |           |           |       |
|                |          | Delete a single file/folder on Nextcloud from webview                 | 5         |           |           |           |       |
| 3              |          | Add a configuration page to the Teams Tab Addon                       | 8         |           |           |           |       |
| 80<br>60<br>40 | 70011    |   |           |           |           |           |       |
| 20             |          |   |           |           |           |           |       |
|                | Sprint 0 | 3 Sprint 04 Sprint 05   |           |           |           |           |       |
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| # | Theme | Goal | Feature Name | Est. Size<br>(Feature) | Est. Size<br>(Sprint) | Real Size<br>(Feature) | Real Size<br>(Sprint) | Burn-<br>Down |
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| Sprint | Status   | Source          | Impediment  | Resolution                                |
|--------|----------|-----------------|---|---|
|        | Resolved | Petrov, Momchil | 3 people dropped out (2 POs and 1 SD)   | A new person joined our team              |
| 3      | Resolved | Schneider, Eric | Industry partner didn't join a scheduled meeting, not excellent communication | We are now in a team chat with the client |
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| # | Theme | Goal | Feature Name | Est. Size (Feature) | Est. Size<br>(Sprint) | Real Size<br>(Feature) | Real Size<br>(Sprint) | Burn-<br>Down |
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| # | 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                                     |
| 2 | The code builds without errors or if there are any -<br>they are noted down and clearly communicated with<br>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<br>different devices and works consistently for the rest of<br>the team | All of the work - regular and irregular from the homework is done            | The documentation is up-to-date   |
| 4 |  | 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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| 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 |
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| 1   | Context   | Name                                  | Version | License | Comment |
|---|---|---------------------------------------|---------|---------|---------|
|   | SDK for interacting with Teams                                |                                       |         |         |         |
| https://www.npmjs.com/package/@microsoft/teams-js | inside the Teams Tab App                                      | Microsoft Teams JavaScript client SDK | 1.11.0  | MIT     |         |
|   | Framework for reactive page                                   |                                       |         |         |         |
| https://vuejs.org/                                | rendering   | <u>Vue.js</u>                         | 3.x     | MIT     |         |
|   | Library for interacting with nextcloud via the WebDAV         |                                       |         |         |         |
| https://www.npmjs.com/package/webdav              | protocol  | webdav                                | 4.7.0   | MIT     |         |
| https://github.com/axios/axios                    | library for ajax requests                                     | axios                                 | 0.24.0  | MIT     |         |
|   | polyfill library for ECMAScript<br>Features and cross browser |                                       |         |         |         |
| https://www.npmjs.com/package/core-js             | compatibility   |                                       | 3.6.5   | MIT     |         |
|   | library for state management                                  |                                       |         |         |         |
| 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://getbootstrap.com/                         | CSS libary for styling elements                               | Bootstrap                             | 4.3.1   | MIT     |         |
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| Last Name | First Name | Value |      |                  |  |
|-----------|------------|-------|------|------------------|--|
| Petrov    | Momchil    | 5     |      |                  |  |
| Moskov    | Todor      |       | 5.00 | OK               |  |
| Balink    | Robert     | 5     | 5.00 | UN               |  |
| Metodieva | Zlatina    |       |      |                  |  |
| Schneider | Eric       | 5     | 0    | No size          |  |
|           |            |       | 1    | Trivial size     |  |
|           |            |       | 2    | Small size       |  |
|           |            |       | 3    | Medium size      |  |
|           |            |       | 5    | Large size       |  |
|           |            |       | 8    | Very large size  |  |
|           |            |       | 13   | Too large (size) |  |
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