

| | |
|-----------------------------|---|
| This Doc | http://goo.gl/x2b3L |
| Live Service | |
| Code repository | https://github.com/fachexot/AMOS-SoftwareForge |
| Additional materials | |
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| | |
| | |
| | |
| Caption | |
| Red Font | Risk feature |
| | |
| | |
| | |
| | |
| User story counter: | 66 |

| Zeitraum | Scrum Master | Release Manager |
|---------------------|--------------|-----------------|
| 17.04.13 - 24.04.13 | Marvin | Denis |
| 24.04.13 - 01.05.13 | Denis | Flo |
| 01.05.13 - 08.05.13 | Flo | Konstantin |
| 08.05.13 - 15.05.13 | Konstantin | Denis |
| 15.05.13 - 22.05.13 | Taner | Flo |
| 22.05.13 - 29.05.13 | Denis | Konstantin |
| 29.05.13 - 05.06.13 | Flo | Denis |
| 05.06.13 - 12.06.13 | Marvin | Flo |
| 12.06.13 - 19.06.13 | Taner | Konstantin |
| 19.06.13 - 26.06.13 | Marvin | Denis |
| 26.06.13 - 03.07.13 | Taner | Flo |
| 03.07.13 - 10.07.13 | Flo | Konstantin |
| 10.07.13 - 16.07.13 | Konstantin | Denis |

Software Forge Overlay

The Forge Overlay Software will enable to use Microsoft's Team Foundation Server (TFS) as source code repository. It will be able for all users to see all projects, which are running at the TFS. Furthermore users can join and follow projects. The Overlay will provide a project Wiki and a forum.

(As a second project an Open Source license management system is going to be implemented. The management tool should enable users to see at which Open Source licenses their projects are running. Users who copy codes from other OS projects will see which license they have to use. Furthermore, it will be able to see the history of licenses which have been used in the code, so that a wrong use of licenses will be avoided.)

| | | | | | |
|-----------------|--|------------------------|--------------------|------------------|--------------------|
| Release | 1 | | | | |
| No Sprints | 6 | | | | |
| Due Date | 30.05.2013 | | | | |
| | | | | | |
| Sprint # | Theme | User Stories | Est. Effort | Burn-Down | Real Effort |
| 0 | | | | 139 | |
| 1 | Technology Decisions | 1, 2, 3, 4 | 16 | 123 | 18 |
| 2 | Environment Setup | 6, 7, 8, 21, 23, 26 | 29 | 94 | 25 |
| 3 | Basic Project Admin | 9, 10, 27 | 21 | 73 | 26 |
| 4 | Basic System Admin & Startpage | 12, 14, 24, 25, 36 | 24 | 49 | 24 |
| 5 | Basic User Management | 7, 28, 29, 31 | 23 | 26 | 24 |
| 6 | Basic User Management | 32, 42, 65, 43, 66 | 26 | 0 | |
| Total | | | 139 | | 117 |
| | | | | | |
| Release | 2 | | | | |
| No Sprints | 7 | | | | |
| Due Date | 06.06.2013 | | | | |
| | | | | | |
| Sprint # | Theme | User Stories | Est. Effort | Burn-Down | Real Effort |
| 1 | User Management & Startpage | 35, 30, 45, 34, 13 | 27 | | |
| 2 | News Feed & Basic Search Functions | 37, 38, 15, 16 | 26 | | |
| 3 | Search Functions & Project Administration | 17, 18, 33, 2, 5, 40 | 26 | | |
| 4 | Code Administration, Bug Tracker and Code View | 41, 44, 45, 46, 47, 55 | 26 | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| Total | | | 105 | | |

| # | Effort | Category | Short Name | Item Description | Acceptance Criteria | PO |
|----|--------|------------------------|---------------------------|---|--|---------------|
| 35 | 3 | Project Administration | Project Owner declaration | As a Project Owner, I can declare another Contributor to be a Project owner. The Contributor has to apply the declaration. | A Project Owner is able to declare other Contributors of his project to Project Owners. They are asked, if they apply that declaration. If not, they stay in Contributor role. The Project Owner is informed about this decision. | Taner, Marvin |
| 30 | 8 | User Management | Contributer rights | As a Contributor, I can view, checkout and contribute to a project. Explanation of user roles are found in: http://goo.gl/vAVZ8 . | A user that is Contributor of a project can checkout and checkin to a project. | Taner, Marvin |
| 45 | 5 | User Management | Contributer check out | As a Contributor, I can can checkout in a Project, so am able to bring my programm code and and documentation in a project. | Every Contributor must be able to checkout in a project. | Taner, Marvin |
| 34 | 3 | Project Administration | Project leaving | As a Project Owner , I cannot leave my project as long as I am the only Project owner of the project, so that a project always has an owner. | When Project Owner tries to leave one of his projects, where he/she is the only Project owner, leaving must not be possible. | Taner, Marvin |
| 13 | 8 | Startpage | Dashboard: News | As a user, I can see a project newsfeed at my dashboard, so that I stay informed about different news on projects I am working on. A news line in the newsfeed consists of max. 100 characters and is a link to the News page, where it is completely verbalised. | The Newsfeed in the dashboard is implemented and shows a limited list of recent news. When the number of recent news exceeds the limit only the most recent news are shown. A "All News..." link leads to a News page, where all news are listed in chronological order. | Taner, Marvin |
| 37 | 3 | News | News Line: Recent Commits | As a Contributor, I can see recent commits on projects on the newsfeed. Such a News Line contains the ID, Date and Contributor name of the commit. | When a Contributor commits new content to a project, all contributors of that project get a News Line of that commit in their Newsfeed. | Taner, Marvin |

| # | Effort | Category | Short Name | Item Description | Acceptance Criteria | PO |
|----|--------|----------|-----------------------------|---|--|---------------|
| 38 | 5 | News | News Line: New Contributors | As a Contributor, I can see users recently joined to my projects on the newsfeed. Such a News Line contains the date and the Contributor's name. | When a new Contributor joins a project, all contributors of that project get a News Line of that commit in their Newsfeed. | Taner, Marvin |
| 15 | 10 | Search | Search box | As a user, I can search for a project by his name or unique ID. I always see a search box at the top of the screen. I can see every project, even finished or old projects. | Searching function is implemented and provides searching all projects by its name or its unique ID. | Taner, Marvin |
| 16 | 8 | Search | Full-text-search | As a user, I can find projects by typing some descriptive words in the search box, so that I do not need to know the exact name of a project. I can find projects of my interest by their descriptions. | The user is able to type descriptive words in the search box. All projects that contain this input in their project description will be shown. | Taner, Marvin |
| 17 | 5 | Search | Keyword-search | As a user, I can find projects by typing keywords in the search box. So I find projects without their explicit name. | The user is able to find a project by keywords in the search box. | Taner, Marvin |
| 18 | 8 | Search | Developer-search | As a user, I can find every project of a developer by typing his/her name in the search box, so that I do not need to know the projects' names, if I am interested in the work of a certain developer. | The user is able to find all projects of a developer by typing his/her name in the search box. | Taner, Marvin |
| 33 | 8 | Search | Skills search | As a user, I can search for projects by typing my own skills in the search box, so that I am able to find projects where my skills are needed. | The user can typ his own skills into the search box and finds all projects which matches to his competences. | Taner, Marvin |

| # | Effort | Category | Short Name | Item Description | Acceptance Criteria | PO |
|----|--------|------------------------|-------------------------------|---|--|---------------|
| 2 | 1 | Setup | Set up environment: TFS | Set up TFSs, one for each team member and one for releases | TFSs are installed and set up | Taner, Marvin |
| 5 | 1 | Setup | Set up environment: Webserver | Set up Webservers, one for each team member and one for releases | Chosen webserver is installed and set up in each environment | Taner, Marvin |
| 40 | 3 | Project Administration | Auto Joining | As a user, I am automatically joining the projects, which I have created. Also I am automatically the project owner, so that every project has a project owner and at least one project member. | By creating a new project the product creator automatically joins the project and is the project leader. | Taner, Marvin |
| 41 | 5 | Code Administration | Commit list | As a user, I can see all commits (which of have been done in the TFS) of a project, including committing time, comitter and comitting-number, so that I can reconstruct all changes of a project. | When a user opens a project he must be able to see all committs by clicking on "Commits". | Taner, Marvin |
| 44 | 5 | Bug Tracker | Reading Bugs | As a Reader, I can see all bugs of a project. | Bugs must be shown. | Taner, Marvin |
| 45 | 5 | Bug Tracker | Writing Bugs | As a Reader, I can write a new bug report, so that I can report bugs. | | Taner, Marvin |
| 46 | 3 | Bug Tracker | Bug Status | As a Reader, I am able to see, which status a bug has. | Bugs can have the status unsolved, solved, in process. | Taner, Marvin |
| 47 | 3 | Project Functionality | Code View Tab | As a user, I can switch to a Code View tab to look through the project's files. | From a project page, a tab can be visited, where a File Explorer and a Code View Frame is shown. | Taner, Marvin |

| # | Effort | Category | Short Name | Item Description | Acceptance Criteria | PO |
|----|--------|-----------------------|-----------------------|---|---|---------------|
| 55 | 5 | Code View | Branch List | As a Reader, I can get to a list of the project's branches, so that I can select the one, whose state I want to explore in the Code View Tab. | A list of branches is seen in the Code View Tab, where the branch to view in the Code View Frame can be selected. | Taner, Marvin |
| 64 | 3 | Code View | File Explorer | As a Reader, I can explore the project's files in a list of all files and folders, so that I am able to select a code file from the project. | A File Explorer frame is shown in the Code View Tab, where files can be selected and folders can be traversed and expanded. | Taner, Marvin |
| 48 | 3 | Code View | Code View Frame | As a Reader, I can see the content of the file, that is selected in the File Explorer, inside a Code View Frame next to the File Explorer. | When selecting a file in the File Explorer, the content is shown in a Code View Frame next to the File Explorer. | Taner, Marvin |
| 49 | 3 | Code View | File Type Recognition | As a Reader, I am able to view text files (all files in ASCII) in the Code View Frame. Binary files are not opened. | Only files with readable ASCII unicode are viewable in the Code View Frame. When selecting a binary file, some message informs about this. | Taner, Marvin |
| 50 | 2 | Code View | Code Formatting | As a Reader, I see text files correctly formatted (e.g. indenting, line breaks). | Text in files is shown correctly formatted. | Taner, Marvin |
| 51 | 2 | Tabs | Watch List | As a user, I can switch to a Watch List tab, where all my watched projects are listed. | A Watch List tab exists, where a list of all projects, where the Watch Project button was clicked, is shown. | Taner, Marvin |
| 52 | 3 | Project Functionality | Watch Project | As a Reader, I am able to click a button "Watch Project", so that the project is added to my Watch List, where I stay informed about updates on those projects. | When clicking the Watch Project button, the currently visited project is added to my personal Watch List. Clicking again on the button ("Unwatch Project) removes the project from my Watch List. | Taner, Marvin |

| # | Effort | Category | Short Name | Item Description | Acceptance Criteria | PO |
|----|--------|-----------------------|----------------------------|---|--|---------------|
| 56 | 5 | News | News Line: Watched Updates | As a Reader, I see recently updates from my watched projects on the newsfeed. | When changes appear in watched projects (e.g. new branch created, new Project Owner, etc.), the user watching receive a News Line on their Newsfeed on the Startpage and informs about the update. | Taner, Marvin |
| 53 | 3 | Project Functionality | Fork Project | As a Reader, I can click on a button "Fork Project", so that I create a new project applying the current state of the forked project. | When clicking the Fork Project button, a new project is created, that contains all files and folders of the forked project. A possibility to rename the project (and further setup) is given. | Taner, Marvin |
| 54 | 3 | Project Functionality | Download Project | As a Reader, I can click on a button "Download Project", so that a *.zip file is created and offered for downloading, that contains the current state of the project. | When clicking the Download Project button, a download starts, that contains all files and folders of the project in a *.zip file. | Taner, Marvin |
| 57 | 5 | Wiki | Writing Wiki | As a Contributor, I am able to write a Wiki entry about my project. | In the project page there must be a label for Wikis. Every Contributor can write a Wiki entry. | Taner, Marvin |
| 58 | 3 | Wiki | Reading Wiki | As a Reader, I am able to read every Wiki in the Forge. | Every Reader must be able to read all Wikis in the Forge Software. | Taner, Marvin |
| 59 | 5 | Wiki | Uploading Photos | As a Contributor, I am able to upload pictures in my Wiki. | The Contributor can upload pictures (e.g. Screenshots) up to 5 MB to a Wiki entry. | Taner, Marvin |
| 60 | 5 | Discussion Forum | Creating Discussions | As a Reader, I am able to write a new discussion topic into the forum, so that I am able to ask questions, or give my opinion about the project. | In the project page there must be a label for discussions. When a new discussion has been created the status of this discussion must be "open". | Taner, Marvin |
| 61 | 3 | Discussion Forum | Reading Discussions | As a user, I can read discussions in every project, so that I can see the problems or questions in a project. | Evry user must be able to read all discussions in the forum. There must be a distinction between "open" or "closed" discussions. | Taner, Marvin |

| # | Effort | Category | Short Name | Item Description | Acceptance Criteria | PO |
|----|--------|------------------|-----------------------|--|--|---------------|
| 62 | 3 | Discussion Forum | Answering Discussions | As a user, I am able to give an answer in the discussion forum, so that I am able to help in a project. | Every user is able to answer discussions in the forum. | Taner, Marvin |
| 63 | 3 | Discussion Forum | Closing Discussions | As a Contributor, I can answer and close a discussion, so that every user knows, that there is no need to answer this discussion anymore. | A Contributor can set the status of a discussion to "close", after I have given an answer. It is not possible to close a discussion without giving any answer. | Taner, Marvin |
| 22 | 8 | Search | Auto Correction | As a user, when typing into search box, the search box provides suggestions to similiar projects and also corrects typos. | When typing a simliar but wrong project name into search box, the project name is found anyway. | Taner, Marvin |
| 11 | 0 | URL Management | Forge URL | As a user, I can access the forge with one clear and stable URL, so that I can easily remember and visit it. | The URL of the start page is clear and stable and will not change. | Taner, Marvin |
| 19 | 2 | URL Management | Project Address | As a user, I can access each project by its unique URL composed of the collection and the name of the project, so that I can differentiate and share them. | Each project is accessible by a unique URL. This URL contains the collection and the name of the project. | Taner, Marvin |
| 20 | 3 | URL Management | Transfer References | As a user, I get a reference to the new location of a moved or transfered project, so that I can find it immediately without searching. | If a project moves or transfers, a reference is shown at the old location, referring to the new location. | Taner, Marvin |

| # | Rel. | Effort | Category | Short Name | Item Description | Acceptance Criteria | PO | SD |
|----|------|--------|------------------------|----------------------------------|--|--|---------------|-------------------|
| | Sum: | 26 | | | | | | |
| 32 | 1 | 5 | Project Administration | Project Renaming | As a Project Owner, I can rename my projects after creation. | The Project Owner of a project can rename the project. The TFS's project name is conserved and reviewable. | Taner, Marvin | Konstantin |
| 42 | 1 | 8 | User Management | User Role Contributor | As a user, I can contribute to a project by sending a request to a Project Owner, so that I am a member of the developing team. | The user, can send a request to contribute in a project by clicking a "Contribute" button. He can (optionally) write his motivation as a message with max. 4000 characters. | Taner, Marvin | Florian |
| 65 | 1 | 3 | Startpage | Dashboard: Request Notifications | As a user, I receive messages about current requests. Those notifications are listed on the Dashboard. | Users can receive notifications, listed on the Dashboard. A Reader can get answers about a sent Contribute Request. A Project Owner receives notifications about incoming Pull and Contribute Requests. | Taner, Marvin | Florian |
| 43 | 1 | 5 | User Management | Contributer Acceptance | As a Product Owner, I can get requests from users, who want to be a Contributor at my project. I can accept or reject these request by pressing "Accept" or "Decline". | Product Owner gets notifications about requests from possible contributors and can accept or reject them. After accepting the request of a Reader, the Reader gets the role Contributor in this project. The Reader is informed about the decision in his Request Notification Frame on the Dashboard. | Taner, Marvin | Denis |
| 66 | 1 | 5 | User Management | Contributer Acceptance Message | As a Product Owner, when I answer a Contribute Request, I can optionally write a message with the reason for my decision. | When confirming a Contribute Request, a text box field for a message to the requester is shown. A message can be written with max. 4000 characters. | Taner, Marvin | Denis, Konstantin |

| # | Rel. | Sprint | Est. Effort | Real Effort | Category | Short Name | Item Description | Acceptance Criteria | PO | SD |
|----|------|--------|-------------|-------------|------------------------|----------------------------|---|--|---------------|----------------------------|
| 1 | 1 | 1 | 8 | 13 | Setup | Technology Evaluation | Deciding which technologies to use for Web-Framework, Webserver and Back-End system in terms of practicability, independence of other products (e. g. IIS) and compatibility (TFS, Windows User Authentication) | Web-Framework was chosen (ASP. NET MVC, Ruby on Rails), Webserver was chosen (MS IIS, Apache Tomcat), Back-End system technology was chosen (.NET, Java) | Taner, Marvin | Denis, Florian, Konstantin |
| 3 | 1 | 1 | 2 | 2 | Setup | Set up environment: IDE | Set up development environment (VS, etc.) | IDEs are installed and set up | Taner, Marvin | Denis, Florian, Konstantin |
| 4 | 1 | 1 | 1 | 1 | Setup | Set up environment: GitHub | Set up Github repository | Github repository is created | Taner, Marvin | |
| 2 | 1 | 1 | 5 | 2 | Setup | Set up environment: TFS | Set up TFSs, one for each team member and one for releases | TFSs are installed and set up | Taner, Marvin | Denis, Florian, Konstantin |
| 6 | 1 | 2 | 8 | 5 | Project Administration | Project Visibility | As a user, I am able to see every project without limitations, so that I can view all projects of the company. | Every employee in a company, who has a Windows user account, is able to see all projects of the company in the SoftwareForge-Overlay. | Taner, Marvin | Florian, Konstantin |
| 8 | 1 | 2 | 3 | 3 | System Administration | User Management | As a user, I am able to log into the SoftwareForge-Overlay independend from the operating system with my Windows user account. | User of different operating systems (Linux, Mac) are able to login with a browser and with their Windows user account. | Taner, Marvin | Florian |
| 21 | 1 | 2 | 0 | 0 | Project Administration | Project Permanence | As a user, I am not able to delete any project, so that projects exist forever. | There is no possibility to delete any project as a user. | Taner, Marvin | |
| 7 | 1 | 2 | 8 | 7 | System Administration | User Management | As a user, I am able to login to the SoftwareForge-Overlay with my Windows user account. | The user is able to login into the SoftwareForge-Overlay without having to type his user login data again (Single-Sign-On). | Taner, Marvin | Denis, Florian |
| 23 | 1 | 2 | 8 | 8 | Project Administration | Collection creation | As a user, I can create new collections. Collections classify different categories of projects, e.g. departments, subjects or sectors. | Collections can be created and named. | Taner, Marvin | Florian, Konstantin |
| 26 | 1 | 2 | 2 | 2 | Project Administration | Unique collections | As an administrator, I can differ collections at least by a unique ID. | Collections have unique IDs. | Taner, Marvin | Konstantin |
| 9 | 1 | 3 | 8 | 13 | Project Administration | Project Collaboration | As a user, I am able to join every project without any limitations. Therefore the open source principle is supported, so that I can share skills and information. | Every employee in a company is able to join every project of the company in the SoftwareForge-Overlay. | Taner, Marvin | Florian |
| 27 | 1 | 3 | 5 | 5 | Project Administration | Project Collaboration | Design and Setup database tables for project joining. | Database tables are created and designed | Taner, Marvin | Denis, Florian, Konstantin |
| 10 | 1 | 3 | 8 | 8 | Project Administration | Project Creation | As a user, I am able to create a new project to find collaborators and use other features of the forge (e.g. version control). | Every user is able to create a new project, assigned to one specified collection. | Taner, Marvin | Florian, Konstantin |
| 36 | 1 | 4 | 8 | 8 | System Administration | User Management Research | Finding a possibility to authenticate and log into SoftwareForge with Windows user account. E.g. CERBERUS | A solution for logging into Software Forge with Windows was found and can be implemented. | Taner, Marvin | Konstantin |

| # | Rel. | Sprint | Est. Effort | Real Effort | Category | Short Name | Item Description | Acceptance Criteria | PO | SD |
|----|------|--------|-------------|-------------|------------------------|--------------------------------|--|--|---------------|------------|
| 24 | 1 | 4 | 5 | 5 | Project Administration | Project Type | As a user, I have to choose the projecttype, when I create a new project, so that every project can be classified. | The user must choose a projecttype from a drop-down menu, when creating a new project, e.g. application, library, non-software. | Taner, Marvin | Denis |
| 25 | 1 | 4 | 3 | 3 | Project Administration | Project Informations | As a user, I have to write the project description, when I create a new project, so that every user can understand the motivation of the project. | The user must fill a free text file, when creating a new project. | Taner, Marvin | Florian |
| 12 | 1 | 4 | 5 | 5 | Startpage | Dashboard: Project Overview | As a user, I see all my projects on a dashboard, so that I have an overview about the projects I am working on. | The dashboard as startpage contains a list of all projects the current user is working on. | Taner, Marvin | Florian |
| 14 | 1 | 4 | 3 | 3 | Startpage | Dashboard: Random Project feed | As a user, I can see randomized current projects on the dashboard, where I have not joined yet, so that I have the possibility to get connected to projects randomly, without explicitly searching for them. I also can see a short project-description. I can open the Project to see more details and to join the project. | The user sees actual projects by random at the start page. The projects, which are shown, changes every refresh of the website. The short description has max. 100 characters. When the user clicks on the name of a project, the project URL opens and the user can join the project. | Taner, Marvin | Denis |
| 7 | 1 | 5 | 5 | 13 | System Administration | User Management | As a user, I am able to login to the SoftwareForge-Overlay with my Windows user account. | The user is able to login into the SoftwareForge-Overlay without having to type his user login data again (Single-Sign-On). | Taner, Marvin | Konstantin |
| 28 | 1 | 5 | 5 | 5 | User Management | User Roles | As a user, I have a specified role for each project. The roles are called Reader, Contributor and Project Owner. Explanation of user roles are found in: http://goo.gl/vAVZ8 . | A user can be one of three defined roles per project. There is Reader, Contributor and Project Owner. A Project owner is also Contributor and Reader of a project and a Contributor is also Reader of a project. | Taner, Marvin | Florian |
| 29 | 1 | 5 | 3 | 1 | User Management | User Role Reader | As a Reader, I can view a project's name, description and contributors. Explanation of user roles are found in: http://goo.gl/vAVZ8 . | A user can view every project and has the role reader for every project. | Taner, Marvin | Florian |
| 31 | 1 | 5 | 5 | 5 | User Management | User Role Project Owner | As a user, I am the Project Owner, if I have created the Project. Explanation of user roles are found in: http://goo.gl/vAVZ8 . | The user that created a project is Project Owner of that project. Each project has at least one Project Owner. | Taner, Marvin | Denis |

| Date | Problem | Possible solutions | Actions that solved the problems | Solved |
|------------|---|---|---|--------|
| 24.04.2013 | Problems using GIT at the beginning | Tutorials, Videos, GitHub Extensions Tool | Tutorials, Videos, GitHub Extions Tools have been considered. | yes |
| | Team meeting coordination: Spontaneous Skype meetings during first week not planned | Planning, Freedom of time management | Team meetings are planned in advance. | yes |
| | Skype must not be used for document or information sharing. | Use Google Drive instead | Google Drive is being used. | yes |
| | Necessity of a to do list besides the Product Planning document for non-functional and non-formal tasks | Create gdoc | ToDo doc created in Google Drive. | yes |
| 22.05.2013 | The release/deployment TFS is still not set up. | Contact Hannes | Hannes contacted (last mailcontact: 22.05.13 -> still no news - waiting for RRZE for a tfs-license) | |
| 01.05.2013 | User Story format is sometimes unnecessary overhead | Not ALWAYS use them | - | yes |
| | Defining features for 6 weeks (Release Plan) at a stroke is difficult | Reduce Release Plan 1 | - | yes |
| 08.05.2013 | Depedency to Microsoft TFS Power Tools necessary for project creation | Step by step tutorial for installation | planned short meeting for discussion in Sprint 6 | |