

This Doc	goo.gl/Lhj9o
Live Service	proj4.ss13.osramos.de/
Code repository	github.com/ieigner/AMOS.git
Additional materials	tba

Social Media und DATEV

This software will enable a better Social Media integration for the DATEV Pro application. The software enables the DATEV Pro application to collect personal and business related data of their clients if these are active on facebook, twitter, xing or linked in. Furthermore this application allows the integration of user data into the "Stammdaten" which is collected from different social media platforms for each user. This data is then presented in an aggregated form within a dashboard. This better knowledge about the customer can then be used to improve the customer relationship management.

Release Plan

Release	2					
No Sprints	6					
Due Date	17.07.2013					
Sprint #	Theme	User Stories	Est. Effort	Burn-Down	Real Effort	
7						
8						
9						
10						
11						
12						
Total			0			
Release	1					
No Sprints	6					
Due Date	30.05.2013					
Sprint #	Theme	User Stories	Est. Effort	Burn-Down	Real Effort	
0				151		
1	Basic: Infrastructure	5, 6, 3, 1, 4, 8, 10	19	132	19	
2	Setting up database and GUI	7, 9, 11, 38, 39, 40, 41, 13	30	102	22	
3	Basics and GUI part 1	21, 2, 24, 50, 51. 15, 16, 52	27	75		
4	Basics and GUI part 2	32, 36, 49, 23, 33, 34, 35, 14	25	50		
5	Check Social Networks Dialog Box	37, 17, 18, 19, 20, 30, 28	25	25		
6	Matching information and storage	42, 43, 44, 45, 47	25	0		
Total			151		0	

Product Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Developer	52
32	3	User Interface	Clear button	As a user I can click on a "Clear" button in order to delete all filters or searches. This enables me to see all clients again	When the "Clear" button is clicked, all searches and filters are deleted and all clients are shown.	Bürger Niklas & Wehr Tobias		
36	3	User Interface	Social Media Sign in button	As a user I can click on a "Social Media Sign In" button in order to open a dialog box where I can type in my credentials for Facebook, Twitter, Xing or LinkedIn. This helps my to save my Social Media Account credentials within the application for easier acces to client data on the mentioned social media platforms	Afer clicking on "Social Media Sign in" a dialog box appears, where the account information can be entered.	Bürger Niklas & Wehr Tobias		
49	3	Client Database	Extension of the client database	As an user I can see fields for the information gatherd from the social networks. This contains a field for each socail media application, where the URL for the profile can be stored. It should also includ a field for each of the fields that are retrieved by executing the information gathering process. This allows me to see all the additional social media information within the application.	There are fields for all the information that can be gathered from the different social media application. The fields have the matching datatype in order to store the information. (i.e. Integer for age, string for education histor, ...)	Bürger Niklas & Wehr Tobias		
23	2	Basic	Setup Facebook Connect	As a user I can type in the facebook account information (dialog box), to use the provided developper functions from facebook.	The account credentials are stored and can be used for the social media match and information gathering process	Bürger Niklas & Wehr Tobias		
33	2	Basic	Provide xing credentials	As a user I can type in the Xing account information (dialog box), to use the provided developper functions from Xing.	The account credentials are stored and can be used for the social media match and information gathering process	Bürger Niklas & Wehr Tobias		
34	2	Basic	Provide twitter credentials	As a user I can type in the Twitter account information (dialog box), to use the provided developper functions from Twitter.	The account credentials are stored and can be used for the social media match and information gathering process	Bürger Niklas & Wehr Tobias		
35	2	Basic	Provide linkedin credentials	As a user I can type in the LinkedIn account information (dialog box), to use the provided developper functions from LinkedIn.	The account credentials are stored and can be used for the social media match and information gathering process	Bürger Niklas & Wehr Tobias		
14	8	Check Social Networks Dialog Box	Dialog box after "Check Social Networks"	As a user I see a dialog box after I click on the "Check Social Networks" button. Within this checkbox I can choose which social networks to scan and also which information to retrieve from the networks. This allows to choose exactly which information the user wants to get and from which networks.	After a click on "Check Social Networks" a dialog box with settings for the matching process opens. There it is possible to select all, one or multiple social networks from which data should be gathered. (wireframe available)	Bürger Niklas & Wehr Tobias		
37	3	Check Social Networks Dialog Box	Dialog box after "Check Social Networks"	As a user I can choose exactly the information from a social platform(s), which I am intressted in and are relevant for further CRM.	It is possible to decide which information to get from the different social networks. These parameters are safed somewhere for further information-retrieve processes. (wireframe available)	Bürger Niklas & Wehr Tobias		
17	3	Check Social Networks Dialog Box	Check Social Networks for clients (facebook)	As a user I want to select (via checkbox in the "Check Social Networks" dialog box) the social media platform facebook, in which the matching will be rolled out to get data only from this platform in which the user is interested in without scanning every social media platform.	When the Checkbox is marked, the status is safed somewhere for the later matching process.	Bürger Niklas & Wehr Tobias		

Product Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Developer	52
18	3	Check Social Networks Dialog Box	Check Social Networks for clients (xing)	As a user I want to select (via checkbox in the "Check Social Networks" dialog box) the social media platform xing, in which the matching will be rolled out to get data only from this platform in which the user is interested in without scanning every social media platform.	When the Checkbox is marked, the status is safed somewhere for the later matching process.	Bürger Niklas & Wehr Tobias		
19	3	Check Social Networks Dialog Box	Check Social Networks for clients (linked in)	As a user I want to select (via checkbox in the "Check Social Networks" dialog box) the social media platform linked in, in which the matching will be rolled out to get data only from this platform in which the user is interested in without scanning every social media platform.	When the Checkbox is marked, the status is safed somewhere for the later matching process.	Bürger Niklas & Wehr Tobias		
20	3	Check Social Networks Dialog Box	Dialog box content	As a User I see ne number of selected clients at the top of the dialog box. This helps me to see how many clients I selected by using the filter or search function and it also helps me to see if the filter or search function worked	The number at the top of the dilog box is equal to number of clients, which were selected by using the filter or search function	Bürger Niklas & Wehr Tobias		
30	8	Check Social Networks Dialog Box	Excecute Button	As an user I can find a "Execute" button which allows me to start the social media match process and the information gathering process. The process respects only the clients that where selected by using the filter or search function. If the filter and search function where not used, the process applies for all clients. Furthermore, the process uses the settings that were made in the dialog box (selected social media platform(s) and selected information). This helps to select only the relevant clients and information.	With a click on the button the social media match and information gathering process is started and the relevant clients and selected settings for social media platforms and information gathering are respected	Bürger Niklas & Wehr Tobias		
28	2	Check Social Networks Dialog Box	Cancel Button	As a user I can find a "Cancel" button within the dialog box. By clicking the button I can close the dialog box without executing the social media match and information gathering process	When the Cancel Button is clicked, the dialog box closes without executing any other processe	Bürger Niklas & Wehr Tobias		
42	5	matching information storage	register tab facebook	As a user I can click on the register tab "facebook" of a (selected) client to see the social media facebook-data of this client, which provides a faster insight into a clients social behaviour/life.	In this specific register tab, the stored/retrieved data are displayed in a uniform design.	Bürger Niklas & Wehr Tobias		
43	5	matching information storage	register tab twitter	As a user I can click on the register tab "twitter" of a (selected) client to see the social media twitter-data of this client, which provides a faster insight into a clients social behaviour/life.	In this specific register tab, the stored/retrieved data are displayed in a uniform design.	Bürger Niklas & Wehr Tobias		
44	5	matching information storage	register tab xing	As a user I can click on the register tab "xing" of a (selected) client to see the social media xing-data of this client, which provides a faster insight into a clients social behaviour/life.	In this specific register tab, the stored/retrieved data are displayed in a uniform design.	Bürger Niklas & Wehr Tobias		
45	5	matching information storage	register tab linked in	As a user I can click on the register tab "linked in" of a (selected) client to see the social media linked in-data of this client, which provides a faster insight into a clients social behaviour/life.	In this specific register tab, the stored/retrieved data are displayed in a uniform design.	Bürger Niklas & Wehr Tobias		

Product Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Developer	52
47	5	matching information gui	dashboard	As a User I can see a dashboard where all gathered/particular choosen information from every social platform are aggregated (with the "Stammdaten" ???) to get the most relevant data at a glance.	A Dashboard can be opened/seen for each single client.	Bürger Niklas & Wehr Tobias	erst alle daten aus jeder plattform ziehen und im nachhinein die wichtigsten/relevant von diesen in einem dashboard einfügen/zusammen und dort aggregiert darstellen. maybe gutes feature?	
48	13	dashboard (epic user story)	information selection	As a User I want to extract only the social media data with higher business relevance to the dashboard,in order to improve the customer relationship with this high compressed information content at a certain point.	The Dashboard is able to extract data from the former positiv matching processes. The selected information are displayed on the dashboard. The user is able to change the selected information. The dashboard can be printed out/converted to a pdf. (Maybe the Stammdaten are displayed there as well)	Bürger Niklas & Wehr Tobias		
31	5	Social Media Match Process	Get data from the client database	When I as an user started the social media match process, the client data (e-mail, name, surname), of the clients that I have selected before (filter/search) is retrieved from the client database.	Only data from selected customers (search / filter) is retrieved	Bürger Niklas & Wehr Tobias		
24	8	Information gathering	get client data from Facebook	If Facebook was the one or one of the Social Media Platforms that I, as an user, have selected, than I want that the system retrieves all possible facebook data of the selected clients.	The data from the selected clients, which matched a postive accordance on Facebook, will be displayed.	Bürger Niklas & Wehr Tobias		
25	8	Information gathering	get client data from twitter	If twitter was the one or one of the Social Media Platforms that I, as an user, have selected, than I want that the system retrieves all possible twitter data of the selected clients.	The data from the selected clients, which matched a postive accordance on twitter, will be displayed.	Bürger Niklas & Wehr Tobias		
26	8	Information gathering	get client data from xing	If Xing was the one or one of the Social Media Platforms that I, as an user, have selected, than I want that the system retrieves all possible twitter data of the selected clients.	The data from the selected clients, which matched a postive accordance on Facebook, will be xing.	Bürger Niklas & Wehr Tobias		
27	8	Information gathering	get client data from linkedin	If Linked In was the one or one of the Social Media Platforms that I, as an user, have selected, than I want that the system retrieves all possible linked in data of the selected clients.	The data from the selected clients, which matched a postive accordance on linked in, will be displayed.	Bürger Niklas & Wehr Tobias		
29	5	Check Social Networks Dialog Box	execute button	As a user I click on this button to start the matching process to get the positiv matches as the result.	The funktion checks the before entered Data (database/filter/checkboxes) to execute the matching process with the right parameters.	Bürger Niklas & Wehr Tobias		
22	13	epic user story	Twitter(-Sentiment)	Search through twitter-streams to detect new potential business partners or to find out about the general mood about the tax consultant office. This can help to estimate how people think about the companie. This can also be usefull to determine how the public reacts to certain marketing campaigns	Within the application a dashboard with a sentiment analysis based on the twitter stream is presented.	Bürger Niklas & Wehr Tobias		

Product Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Developer	52
46	3	matching information storage	register tab Stammdaten	As a user I can click on the register tab "Stammdaten" of a (selected) client to see the "Stammdaten" of this client, which provides a fast insight into a clients business.	In this specific register tab, the stored data are displayed in a uniform design.	Bürger Niklas & Wehr Tobias		
52								

Sprint Backlog

#	Rel.	Effort	Category	Short Name	Item Description	Acceptance Criteria	person in charge
21	1	2	matching information gui	register tab Stammdaten	As a User I can see a regster tab which can be clicked on to reveal the existing "Stammdaten" from a client.	The register tab Stammdaten is displayed in the GUI of the application.	Matthias Hafner Isabella Eigner
2	1	2	Infrastructure	Developer system	create a developper system (integrate and configurate GitHub in Eclipse)	It enables the development process of a (software-) prototype. The software developpers have fully access on the complete Sourcecode.	Matthias Hafner Isabella Eigner
24	1	1	Basic	Create dummy developer account for each social network platform	There has to be dummy user account for each social network (Facebook, Twitter, Xing, LinkedIn) that can be used as the company account.	A dummy company account for Facebook, Twitter, Xing and LinkedIn is available	Matthias Hafner Isabella Eigner
50	1	8	User Interface	Database access	As a user I can access the client database from within the application, which gives the posibility to see all information about my clients	There is a successfull connection to the client database and data can be accessed	Jupiter Bakakeu
51	1	3	User Interface	Table for GUI	As a user i can see a table where client data can be displayed. This provides an overview of the existing client data .	There is a table that can display the client data from the client database	Jupiter Bakakeu
15	1	5	User Interface	Search dropdown menu	As a User I can open a search dropdown menu , where I can decide what I want to search. Name, surname, zip code, city, region, country, gender. This allows me to get exactly the users that I am interested in	Only the clients with matching attributes are displayed.	Matthias Hafner Isabella Eigner
16	1	3	User Interface	Search bar function	As a user I want to search for a specific client in the client database to save time by getting faster access to this clients data. Tool Tip, Name Mandanten nummer	Only the client(s) with matching attributes are displayed.	Matthias Hafner Isabella Eigner
52	1	3	User Interface	Application login	As an user I enter my user name and password in order to get access to the application	The application only opens if the right login infotmation was entered.	Matthias Hafner Isabella Eigner

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria
5	1	1	5	5	Vison	Idea generation	As a team member I have to think about ideas about integration social media functions into the DATEV Pro application. This ideas should deal with social media and respect the information security regulations from DATEV eG.	DATEV will choose an idea. The idea has to deal with the integration of social media into the DATEV Pro application.
6	1	1	2	2	Vision	Present ideas	As a product owner I have to present the ideas, that our team has generated, to our industry partners.	DATEV is informed about our ideas (email/phone) and gives feedback about the ideas.
3	1	1	5	5	Infrastructure	Repository	A team repository with a version controll is available	The repository contains all the sourcecode. Each software developer can access the repository and is able to commit or check out the source coud for his/her work. Product owner are also able to check out and commit documents to the repository. The AMOS team from the University (Professor and Stuff) have read permissions
1	1	1	3	3	Infrastructure	Collaboration platform	As a team member I am able to work together with other members. I am able to commit and checkout to the repository. Futhermore I have access to a shared folder on dropbox to exchange other documents	Product owner are able to create product backlog and work items. Futhermore it is possibel to manage sprints and releases. Software developers are able to work together. Furthermore all team members have access to the collaboration platform. A shared Dropbox folder is available and all team members have access to it.
4	1	1	2	1	Infrastructure	Bug tracking	As a team member I can track and document bugs.	It is possible to report and track bugs. Every team member is able to access the bug tracker and has the right to create and work on a bug report.
8	1	1	1	2	Infrastructure	Setting up communication channels	As a team member I am able to communicate with other team members via a facebook group, skype, email or phone.	A facebook group is available, email addresses, phone numbers and skype accounts are exchanged
10	1	1	1	1	copyright	licensing	add license agreements to the repository	license text/code is embedded to specified documents/sourcecode

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria
7	1	2	2	2	Social Media Match	Setup of test database with client data	Setup of an database as used in the DATEV Pro application. The database should contain all information that are used in the DATEV Pro application (same Columns and data format).	A database, similar to the one used in the DATEV Pro application is available.
9	1	2	3	3	Social Media Match	Test users for test database	A set of test users datasets has to be added to the database. The test user datasets should contain all required information (see original DATEV database)	There are at least 20 different test users in the database. Each dataset provide data for at least the mandatory columns.
11	1	2	5	5	Social media match	Test users for each social media application	Test users for facebook, twitter, xing and linked in should be created. The test users for one social media application cover all different privacy settings of the social network.	There are enough test accounts for each social media application in order to test all different privacy settings of the social media application. These test accounts should also fit to the users stored in the test database
38			3		matching information gui	register tab facebook	As a User I can see a regsiter tab which can be clicked on to reveal the stored social media facebook-data of facebook from a client.	The register tab facebook is displayed in the GUI of the application.
	1	2		1				
39			3		matching information gui	register tab twitter	As a User i can see a regsiter tab which can be clicked on to reveal the stored social media twitter-data of facebook from a client.	The register tab twitter is displayed in the GUI of the application.
	1	2		1				
40			3		matching information gui	register tab xing	As a User I can see a regsiter tab which can be clicked on to reveal the stored social media xing-data of facebook from a client.	The register tab xing is displayed in the GUI of the application.
	1	2		1				
41			3		matching information gui	register tab linked in	As a User I can see a regsiter tab which can be clicked on to reveal the stored social media linked in-data of facebook from a client.	The register tab linked in is displayed in the GUI of the application.
	1	2		1				
13	1		8		User Interface	Creation of the GUI	As a user I can see an interface wich is similar to the "DATEV Arbeitsplatz pro" GUI to have a better overview/workflow.	The user interface is displayed on the screen and resembles the "DATEV Arbeitsplatz pro" interface. According to the Layout.
		2		8				

Impediments

Impediment	Solved
Communication Problems about the goal of the AMOS-Project with the industry partner (Idea Project vs Scrum/Prototype Project)	Yes

Roles

sprint	scrum master	review and release manager
1	Tobias Wehr	Isabella Eigner
2	Jupiter Bakakeu	Matthias Hafner
3	Niklas Bürger	Jupiter Bakakeu
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		