

This Doc	goo.gl/Lhj9o
Live Service	proj4.ss13.osramos.de/
Code repository	github.com/ieigner/AMOS.git
Additional materials	goo.gl/ZA6kP

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	2					
No Sprints	6					
Due Date	17.07.2013					
Sprint #	Theme	User Stories	Est. Effort	Burn-Down	Real Effort	
7	Social Media Match Process	26, 27, 62, 64	26			
8		65, 49, 61, 29, 30, 28	26			
9		42, 44, 45, 48, 47	23			
10						
11						
12						
Total			75			
Release	1					
No Sprints	6					
Due Date	30.05.2013					
Sprint #	Theme	User Stories	Est. Effort	Burn-Down	Real Effort	
0				154		
1	Basic: Infrastructure	5, 6, 3, 1, 4, 8, 10	19	135	19	
2	Setting up database and GUI	7, 9, 11, 38, 39, 40, 41, 13	30	105	22	
3	Basics and GUI part 1	21, 2, 46, 24, 50, 53, 51, 16, 15	28	77	33	
4	Basics and GUI part 2	52, 54, 55, 56, 36, 14	28	49	28	
5	Check Social Networks & Dialog Box	58, 31-1, 31-2, 24, 25	23	26	35	
6	Social Media Match Process	31-3, 31-4, 63, 43	26	0		
Total			154		0	

Social Media und DATEV - Product Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Status	66
	30							
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		
62	5	Social Media Match Process	Save gathered information from Facebook	As a user I can find the facebook information from the social media match process in the facebook database table. This is necessary to work with the data.	The Facbook data is stored in the Facebook database table	Bürger Niklas & Wehr Tobias		
64	5	Social Media Match Process	Save gathered information from Xing	As a user I can find the Xing information from the social media match process in the Xing database table. This is necessary to work with the data.	The Xing data is stored in the Xing database table	Bürger Niklas & Wehr Tobias		
65	5	Social Media Match Process	Save gathered information from LinkedIn	As a user I can find the LinkedIn information from the social media match process in the LinkedIn database table. This is necessary to work with the data.	The LinkedIn data is stored in the LinkedIn database table	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 additonal 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		
61	3	Standard Settings	displayed information	As a User, i open the application, and the view is always the same (standard settigs). All clients are displayed in the tableview. If i choose a client the stammdaten tab is in the focus to have a structered workflow with the application.	After starting of the application, all clients are displayed in the tableview, the stammdaten tab is in focus and no client is chosen/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		
30	8	Check Social Networks Dialog Box	Excecute button function	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		

Social Media und DATEV - Product Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Status	66
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		
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		
48	3	Dashboard	Information Selection	As a user I can go to the general settings and define which information to show in the dashboard. Here I can decide which social media applications I want to have in the dashboard and which information from those social media applications to include. This helps to get an overview of the social media data with higher business relevance, in order to improve the customer relationship with this high compressed information content at a certain point.	It is possible to define which information to incude in the dahsboard. This configuration is used for every client. It is possible to change the configuration	Bürger Niklas & Wehr Tobias		
47	5	Dashboard	Dashboard Position	As a User I can see the dashboard on the right side of the application. This position makes sure that the dashboard can be seen at any time while using the application	There is a dashboard on the right side of the application. See additional Material dashbord_position.pdf	Bürger Niklas & Wehr Tobias		
59	5	Dashboard	Dashboard GUI	As a user I can see a dashboard with a section for each social media application. Within the section I can see the information that I have selected in the general settings. This again provides me with the information that I consider as relevant.	The dashboard is capable of showing a section for each social media application that was choosen in the general settings.	Bürger Niklas & Wehr Tobias		
60	5	Dashboard	Content	As a user I can select a client and the dashboard displays the the information that I have selected in the general settings. This again provides me as fast as possible with the information that I have considered to be relevant for each client.	All the relevant/chosed information are displayed correctly in the dashboard for a fast overview.	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		

Social Media und DATEV - Product Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Status	66
57	2	Basic	Setup Xing Connect	As a user I can type in the Xing account information (dialog box), to use the provided developer 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	cancelled	
23	2	Basic	Setup Facebook Connect	As a user I can type in the facebook account information (dialog box), to use the provided developer 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	cancelled	
34	2	Basic	Provide twitter credentials	As a user I can type in the Twitter account information (dialog box), to use the provided developer 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	cancelled	
35	2	Basic	Provide linkedin credentials	As a user I can type in the LinkedIn account information (dialog box), to use the provided developer 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	cancelled	
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	cancelled	
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 intrested 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	cancelled	
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	cancelled	
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	cancelled	
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	cancelled	
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	cancelled	

Social Media und DATEV - Sprint Backlog

#	Rel.	Effort	Category	Short Name	Item Description	Acceptance Criteria	person in charge	66
		26						
31-3	1	8	Social Media Match Process	Connect to social network xing	As a user I can go to the general settings in order to connect to xing, by using the provided login credentials. This is necessary to get the data from the different social media applications	After a click on connect, the connection to the social networks, for which login credentials were provided, is establish. If the connection could not be established a error message should be displayed. If the connection was successful it should also be displayed .	Jupiter Bakakeu Matthias Hafner Isabella Eigner	
31-4	1	8	Social Media Match Process	Connect to LinkedIn	As a user I can go to the general settings in order to connect to LinkedIn, by using the provided login credentials. This is necessary to get the data from the different social media applications	After a click on connect, the connection to the social networks, for which login credentials were provided, is establish. If the connection could not be established a error message should be displayed. If the connection was successful it should also be displayed .	Jupiter Bakakeu Matthias Hafner Isabella Eigner	
63	1	5	Social Media Match Process	Save gathered information from Twitter	As a user I can find the Twitter information from the social media match process in the Twitter database table. This is necessary to work with the data.	The Twitter data is stored in the Twitter database table	Jupiter Bakakeu Matthias Hafner Isabella Eigner	
43	1	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.	Jupiter Bakakeu Matthias Hafner Isabella Eigner	

Social Media und DATEV - Feature Archive

Estimated effort for selected sprints:			128 Real effort for selected sprints			137				
#	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		
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.		

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Estimated effort for selected sprints:			128 Real effort for selected sprints		137				
#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	
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	1	2	3	1	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.	
39	1	2	3	1	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.	
40	1	2	3	1	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.	
41	1	2	3	1	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.	
13	1	2	8	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.	
21	1	3	2	1	matching information gui	register tab Stammdaten	As a User I can see a regsiter 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
46	1	3	3	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.	Jupiter Bakakeu
2	1	3	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	3	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

Social Media und DATEV - Feature Archive

Estimated effort for selected sprints:			128	Real effort for selected sprints		137			
#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	
50	1	3	8	8	User Interface	Database access	As a user I can access the client database from within the application, which gives the possibility to see all information about my clients	There is a successful connection to the client database and data can be accessed. Junit test is successful	Jupiter Bakakeu
51	1	3	3	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
16	1	3	3	5	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. The search only searches in the fields that are selected in the search dropdown bar. If nothing is selected in the search drop down menu, then the search looks at every field. This enables a more detailed search function	Only the client(s) with matching attributes are displayed. Only the selected fields (search drop down menu) were used for the search.	Matthias Hafner Isabella Eigner
53	1	3	2	2	Design Improvements	GUI and performance improvements	As a user I see a nicer GUI and have a better performance within the tool. This helps to improve the usability of the software	New design is visible and faster performance is notable	Jupiter Bakakeu
15	1	3	5	8	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	The search is only performed on the field selected in the search drop down menu	Matthias Hafner Isabella Eigner
52	1	4	5	8	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 information was entered.	Matthias Hafner Isabella Eigner
54	1	4	1	1	Database	Zip Code and Gender	As a user I can see a zip code and a gender field in the database. This is needed for complete client data	There is a zip code and a gender field in the database table	Matthias Hafner Isabella Eigner
55	1	4	3	3	User Interface	Search dropdown menu	As a User I also have a zip code and a gender field in the Search drop down menu	The search is only performed on the field selected in the search drop down menu	Matthias Hafner Isabella Eigner
56	1	4	3	3	Database	Update Database	As a User i have added the zip code and the gender of a client to the databases to search/select/work with these.	All relevant/affected databases were updated with the attributes zip code and gender.	Matthias Hafner Isabella Eigner

Social Media und DATEV - Feature Archive

Estimated effort for selected sprints:			128	Real effort for selected sprints		137			
#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	
36	1	4	8	8	User Interface	Social Media Sign in	As a user I can provide my credentials for Facebook, Twitter, Xing or LinkedIn within the general settings menu on the left navigation panel. It is possible to provide login credentials for each social network. This helps me to save my Social Media Account credentials within the application for easier access to client data on the mentioned social media platforms	After clicking on "Social Media Sign in" a dialog box appears, where the account information can be entered.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
14	1	4	8	5	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)	Jupiter Bakakeu Matthias Hafner Isabella Eigner
58	1	5	3	3	Basic	Create Database for social media information	As a user I have a database table for each social media application (facebook, xing, twitter, linkedin) where the data from the social media process can be stored	The database has all relevant columns, that are needed to store the data gathered from the social media match process	Matthias Hafner Isabella Eigner
31-1	1	5	2	8	Social Media Match Process	Connect to social network facebook	As a user I can go to the general settings in order to connect to facebook, by using the provided login credentials. This is necessary to get the data from the different social media applications	After a click on connect, the connection to the social networks, for which login credentials were provided, is established. If the connection could not be established an error message should be displayed. If the connection was successful it should also be displayed.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
31-2	1	5	2	8	Social Media Match Process	Connect to social network twitter	As a user I can go to the general settings in order to connect to Twitter, by using the provided login credentials. This is necessary to get the data from the different social media applications	After a click on connect, the connection to the social networks, for which login credentials were provided, is established. If the connection could not be established an error message should be displayed. If the connection was successful it should also be displayed.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
24	1	5	8	8	Information gathering	get client data from Facebook	If Facebook was the one or one of the Social Media Platforms that I, as a user, have selected, then I want that the system retrieves all possible facebook data of the selected clients.	The data for the selected clients, can be accessed.	Jupiter Bakakeu Matthias Hafner Isabella Eigner

Estimated effort for selected sprints:			128	Real effort for selected sprints		137			
#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	
25	1	5	8	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 for the selected clients, can be accessed.	Jupiter Bakakeu Matthias Hafner Isabella Eigner

Impediment	Solved
Communication Problems about the goal of the AMOS-Project with the industry partner (Idea Project vs Scrum/Prototype Project)	Yes
Problems by exporting the jar-file including the libraries, so it can be deployed correctly on the Tomcat server.	

sprint	scrum master	review and release manager
1	Tobias Wehr	Isabella Eigner
2	Jupiter Bakakeu	Matthias Hafner
3	Niklas Bürger	Jupiter Bakakeu
4	Tobias Wehr	Isabella Eigner
5	Niklas Bürger	Matthias Hafner
6	Tobias Wehr	Jupiter Bakakeu
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Social Media und DATEV - Highest_ID

Product Backlog	Sprint Backlog	Feature Archiv		Highest_ID
65	63	58		65