This Doc	goo.gl/Lhj9o
Live Service	proj4.ss13.osramos.de/
Code repository	github.com/ieigner/AMOS.git
Additional materials	goo.gl/ZA6kP
Survey	http://osr.cs.fau.de/surveys/index.php/771726/lang-en

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 than presented in an aggregated form within a dashboard. This better knowledge about the customer can than 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	62, 42, 26, 64, 44, 27	26	128	29	
8	Social Media Match Process & GUI improvements	65, 45, 75, 76, 61, 69, 70, 71, 72	23	105	23	
9	Dashboard and GUI Improvements	89, 78, 90, 91, 92, 79, 80, 93, 94, 48	27	78		
10	Dashboard and Twitter Sentiment	47, 59, 60, 66, 67, 68	24	54		
11	Twitter Sentiment, Bug fixes and Layout improvement	73, 74, 86, 88	26	28		
12	Help	81, 82, 83, 84, 85, 87	28	0		
Total			154		52	
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	29	
Total			154		166	

Social Media und DATEV - Product Backlog

Next available ID:	95			Effort of selected ProductBacklog Items:		0			
#	**Effort**	**Category**	**Short Name**	**Item Description**	**Acceptance Criteria**	**Creator**	**Status**		**Select**
47	5	Dashboard	Dashboard Position	As a User I can see the dashboard on the bottom 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 bottom of the application.	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 at one glance.	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 beforehand in the register tabs (Chechboxes). This again provides me as fast as possible with the information that I have considered to be relevant for each client.	Only the information, selected in the dashboard settings are displayed within the dashboard. If no data could be found there should be the a message that say "no data"	Bürger Niklas & Wehr Tobias			
66	3	Twitter Sentiment	Twitter Settings	As a user I can go to the Settings menu where I see a "Sentiment Settings " link. Here I have the possibility to enter the search term for the Twitter search. I.e. my companies name. The field can be edited at any time. This gives the value of choosing the right company for which the twitter sentiment should be estimated	The twitter settings can be found within the settings menue. It is possible to enter text to the provided text box and the entered text can be changed at any time.	Bürger Niklas & Wehr Tobias			
67	3	Twitter Sentiment	Twitter Sentiment Dialog Box (GUI)	As a user I can use the navigation bar on the left side and got to social -> Twitter sentiment in order to see the Twitter sentiment. The dialog box is capable of showing the twitter sentiment (Ammount of positive, negative and neutral tweets). I can alos see when the last sentiment analysis was performed and I also have a refresh button on the bottom. The vlaue is that the twitter sentiment can be seen and that i have the possibility to refresh the sentiment analysis	There is a "Twitter Sentiment" menu item under the "Social" Menu in the navigation panel on the left side. With a click on the "Twitter Sentiment" menue item a dialog box opens. There are three field that are able to show the ammount of positive, negative and neutral tweets. If the twitter sentiment analysis was not executed before, the fields shuld be empty. Furthermore there is an field which displays the time stemp of the last time the sentiment analysis was executed. If the sentiment analysis was never executed before the field should be empty.There is an "Refresh" button at the buttom of the dialog box.	Bürger Niklas & Wehr Tobias			
68	3	Twitter Sentiment	Twitter Sentiment Dialog Box Extension	As a user I also have a dropdown field at the top of the dialog box, which enables me to specify the time periode which should be used for the sentiment analysis. (Today, Yesterday, Last Week, Last Month). The value added for this is that I am able to specify the date range in which the sentiment is analysed. This enables me to better allign certain marketing campaigns, or new paper reports about my firm to the twitter sentiment.	There is an dropdown menue for selecting the time frame for which the sentiment should be analyzed. It is possible to chose the values "Today", "Yesterday", "Last Week" and "Last Month".	Bürger Niklas & Wehr Tobias			

Social Media und DATEV - Product Backlog

Next available ID:		95		Effort of selected ProductBacklog Items:		0		
#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Status	Select
73	8	Twitter Sentiment	Twitter Sentiment Process	As a user I can start the twitter sentiment analysis with clicken the refresh button of the twitter sentiment dialog box. The sentiment analysis process uses than the term of the twitter settings for a "#" Search and also respects the choosen value of the date picker from the dialog box. The value of this is, that i am able to start the twitter sentiment analysis process.	After pressing the "Refresh" button of the sentiment analysis dialogbox the sentiment analysis process should be executed according to the defined parameters (search term in sentiment settings, date range from the drop down menu).	Bürger Niklas & Wehr Tobias		
74	5	Twitter Sentiment	Twitter Sentiment Content	As a user I am able to see the amount of positive, negative and neutral tweets about the definde search term within the sentiment analysis dialogbox. The value of this is that I am able to see how the general public thinks about the company. This information can be used to support different marketing campaigns.	After executing the sentiment analysis process the information gathered during the process should be displayed in the dialog box	Bürger Niklas & Wehr Tobias		
86	8	Layout improvements	Dynamic application size	As a user I can change the application size and the content (tables, fields, dialog boxes) adapt automaticly to the size. This gives a better usability, because the content size fits to the application size.	When the application size is changed all content elements (tables, fields, dialog boxes) fit the new application size and information is still readable.	Buerger Niklas & Tobis Wehr		
88	5	Bug	Bug Fixes	- Xing photo bug	Bugs are closed and solved. For more detail see the detailed description in the bug tracker	Buerger Niklas & Tobis Wehr		
81	5	Help	User Documentation	As a user I have access to a user documentation of the application. This helps to understand the application and supports usabillity	There is a user documentation which includes all relevant features of the application. (This also includes screenshots if necessary)	Buerger Niklas & Tobis Wehr		
82	3	Help	Add help Button	As a user I can see a help button on the top navigation bar. The value of this feature is that I can access the help during the usage of the application.	There is a Help button on the top navigation bar.	Buerger Niklas & Tobis Wehr		
83	5	Help	Help Integration	As a user I can click on the Help button in the top navigation bar. After clicking a dialog box with the user documentation opens. The value of this feature is that I am able to see the user documentation within the application	When clicking on help, the user documentation content is shown.	Buerger Niklas & Tobis Wehr		
84	5	Help	Help Layout	As a user I have an interactive table of context which allows me to navigate within help. The value is a faster navigation.	There is a table of context with links to the matching paragraphs of the user documentation	Buerger Niklas & Tobis Wehr		
85	8	Help	Search Function	As a user I can search within the help document. I can type in keywords which are highlighted if found. The value is more efficient help function	The document can be searched. If a entered keyword is found in the text, the term is highlighted	Buerger Niklas & Tobis Wehr		
87	2	Help	Social Media Connect Instructions	As a user I can see instructions how to get a valid token for each social network. This information is displayed within the connection settings dialog box.. This increases the usability of this function	The generic instructions for getting valif tokens for each soial network is shown at the top of the connection settings dialog box.	Buerger Niklas & Tobis Wehr		

Total effort for this sprint:		27				Next available ID:	95

#	Rel.	Effort	Category	Short Name	Item Description	Acceptance Criteria	person in charge
89	2	3	GUI Improvements	Check all as Checkbox	As a user I can go to the "Check Social Media Dialog box" and I can see a "Check all" checkbox instead of an "Check All" button. When I select this checkbox, all checkboxes for this social network are selecte, when i uncheck this checkbox all checkboxes for this social network are unchecked. The value of this feature is, that it is easier to check or uncheck all checkboxes, which increase the usability of the application and the check social media process	Within the "Check Social Media Dialog box" there is a "Check All" checkbox. When this checkbox is selected all checkboxes of this social network are selected. When the checcboxed is checked and than unchecked all the other checkboxes of this social network are also unchecked.	Matthias Hafner Isabella Eigner
78	2	2	User Interface	Facebook profil-link icon	As a user I can click on a Facebook icon in Facebook register tab, which holds a link to the individual client profil on the specific social network platform to get as fast as possible to the complete online profile of the client (for commenting or birthday congratulations).	By clicking on the Facebook icon the browser opens and shows the Facebook profile of the selected client.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
90	2	2	User Interface	Xing profil-link icon	As a user I can click on a Xing icon in the Xing register tab, which holds a link to the individual client profil on the specific social network platform to get as fast as possible to the complete online profile of the client (for commenting or birthday congratulations).	By clicking on the Xing icon the browser opens and shows the Xing profile of the selected client.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
91	2	2	User Interface	LinkedIn profil-link icon	As a user I can click on a LinkedIn icon in the LinkedIn register tab which holds a link to the individual client profil on the specific social network platform to get as fast as possible to the complete online profile of the client (for commenting or birthday congratulations).	By clicking on the LinkedIn icon the browser opens and shows the LinkedIn profile of the selected client.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
92	2	2	User Interface	Twitter profil-link icon	As a user I can click on a Twitter icon in the Twitter register tab which holds a link to the individual client profil on the specific social network platform to get as fast as possible to the complete online profile of the client (for commenting or birthday congratulations).	By clicking on the Twitter icon the browser opens and shows the Twitter profile of the selected client.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
79	2	8	User Identifying	multiple user list display	As a user I can see a list of identically named user profils of the selected client, if more than one matched dataset were retrieved during the matching process. This enables the user to verify the client dataset, which will provide the right social data.	A list of multiple datasets is schown for each client and social network, when mutual matches were retrieved during the matching process.	Jupiter Bakakeu Matthias Hafner Isabella Eigner

Total effort for this sprint:		27				Next available ID:	95
#	**Rel.**	**Effort**	**Category**	**Short Name**	**Item Description**	**Acceptance Criteria**	**person in charge**
80	2	3	User Identifying	multiple user list selection & deletion	As a user I can select the appropriate data set out of all displayed data sets in the list, to store only the selected data and delete the inaccurate ones to save only the needed data and storage space .	A specific data set can be selected and all other uneccessary data were deleted and the selected data set is stored in the data table.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
93	2	1	Dashboard	Settings Link	As a user I can go settings (left navigation and top navigation) where I can find a "Dasboard Settings" menu item. This menu item is needed for a better access to the dashboard settings	There is a "Dashboard Settings" menu items in the settings	Matthias Hafner Isabella Eigner
94	2	2		GUI	As a user I can click on the "Dashboard Setting" menu item (left and top navigation) and a Dialog Box with the same content as the Check Social Media dialog box opens. The differnce is, that this dialog box has Dashboard Settings as a headline. Furthermore the buttons from the Check Social Media dialog box are not used. instead there is an Save button at the bottom left side of the box. This Dialog box is necessary for selecting the items that should later occure in the dashboard itself. (just GUI not function)	After clicking on "Dashboard Settings" a Dialog box with all possible attributes of each social network apperas. Within the dialog box there are checkboxes for each attribute.	Matthias Hafner Isabella Eigner
48	2	2	Dashboard	Information Selection	As a user I can go to the seperate Register tabs and define which information to show in the dashboard (via Checkbox). 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	Matthias Hafner Isabella Eigner

estimated effort for selected sprints				23		Real effort for selected sprints		23	
#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	person in charge
65	2	8	8	8	Social Media Match Process	Save LinkedIn data	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.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
45	2	8	5	5	Social Media Match Process	Display Linked In Data	As a user, i can see the stored Linked In information of a specific client on the register tab "Linked In" to get a good overview of the social "linked in" data of this client.	The data from the selected clients, which matched a postive accordance on Linked in (stored in database table), will be displayed in the applikation.	Jupiter Bakakeu Matthias Hafner Isabella Eigner
75	2	8	3	3	Check social media Dialog box	check all buttons	As a a user i can click on a button "check all" to choose all the possible checkboxes in the Dialogbox. There are also a check all buttons for each social network wich checks all checkboxes for the corresponding network This will be faster for the user than clicking on each of the checkboxes seperately.	The Button exists and the underlying function can be executed and checks all Checkboxes.	Matthias Hafner Isabella Eigner
76	2	8	2	2	User Interface	Refresh Button	As a user I can click on a refresh button on the right top corner, to get the actual data displayed after changes in the databases to work with actual data sets.	The button exists and the underlying function can be executed and refreshes the displayed data.	Matthias Hafner Isabella Eigner
61	2	8	1	1	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,	Matthias Hafner Isabella Eigner
69	2	8	1	1	Navigation bar (left)	renaming	As a User i see "Connection Settings" instead of "General Settings" to get a better understanding of the underlying features.	The menu item is written correctly and is at the specified position in the navigation menu.	Matthias Hafner Isabella Eigner
70	2	8	1	1	Navigation bar (left)	new menu items (twitter)	As a User i can see the menu item "Twitter Sentiment Settings" under the register "Settings" and "Twitter Sentiment" under the register "Social" to have a better usability and more structured working environment.	The menu items are created, written correctly and is at the specified position in the navigation menu.	Matthias Hafner Isabella Eigner
71	2	8	1	1	Navigation bar (left)	delete menu items	As a User i can no longer see/use the menu items "Listen", "React", "Search account" in order to have only the relevant items in the GUI to work with.	The menu items are successfully deleted.	Matthias Hafner Isabella Eigner
72	2	8	1	1	Navigation bar (top)	renaming	As a User i see "Connection Settings" instead of "General Settings" to get a better understanding of the underlying features.	The menu item is renamed, written correctly and is at the right position in the navigation menu.	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.	YES

Social Media und DATEV - Roles

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
7	Niklas Bürger	Isabella Eigner
8	Isabella Eigner	Matthias Hafner
9	Matthias Hafner	Jupiter Bakakeu
10		
11		
12		
13		

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Status
57	2	Basic	Setup Xing Connect	As a user I can type in the Xing 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	cancelled
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	cancelled
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	cancelled
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	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 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	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

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Status
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
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	cancelled
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 company. This can also be useful 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	splitted => Cancelled
29	1	Check Social Networks Dialog Box	Renaming	As a user I click on this button to start the matching process, so I can get the positiv matches as the result which will be needed for further work processes.	The funktion checks the before entered Data (database/filter/checkboxes) to execute the matching process with the right parameters.	Bürger Niklas & Wehr Tobias	Cancelled
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	Cancelled

Social Media und DATEV - Canceled Features

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Creator	Status
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	Cancelled (part of get data)
77	2	User Interface	checkboxes for Dashboard information	As a user I can see checkboxes in each register tab (facebook, xing,...) behind each information field on which I can click to choose which information will be displayed in the dashboard for a small aggregated view of the most relevant dataset.	The checkboxes exists, can be checked on and the constellation is saved for the future process of displaying these information on the dashboard.	Bürger Niklas & Wehr Tobias	cancelled (multiple occurence)

Social Media und DATEV - Highest_ID

Product Backlog	Sprint Backlog	Feature Archiv		Highest_ID
88	94	76		94