

<b>This Doc</b>	<a href="https://goo.gl/IBJIDX">goo.gl/IBJIDX</a>
<b>Live Service</b>	TBD
<b>Code repository</b>	<a href="https://github.com/crzndx/AMOS-SS14-Group-3">https://github.com/crzndx/AMOS-SS14-Group-3</a>
<b>Additional materials</b>	
<b>1. Storyboard</b>	<a href="https://github.com/crzndx/AMOS-SS14-Group-3/blob/master/planning/storyboard17.04.pdf">https://github.com/crzndx/AMOS-SS14-Group-3/blob/master/planning/storyboard17.04.pdf</a>

## SOLYP Mangement Dashboard Vision

The SOLYP management dashboard application is a data visualization tool specially developed for top level management (including the CEO). The application contains an easy-to-read, easy-to-use, multi-page and "Powerpoint" like user interface, which shows several graphical representations or visualizations of historical and current data and KPIs. The application has at least two elegant controls for efficient operation and optimal usability of the visualizations. The application contains high-level information and also lower level data, so the users can drill-down and see different levels of data aggregation. The application is developed as a tablet application for a Windows environment. The communication with SOLYP's web service back-end is out of the scope of this project. A simplified minimal back-end developed on JSON, jQuery or Java can be considered for this project purposes. Key technologies for development are HTML5 and JavaScript.

Application User	A user of this application is a (human) who has a user account and logged into that account. According to some certain action, user can view different kinds of data.
Gesture	The gesture here mainly mean the gesture which is used to interact with a tablet. For example scrolling to the left or right, use five fingers to close the application.
Card dashboard	Card dashboard is a dashboard which shows some cards on the screen. Within a card, you can see the related data to a certain company or a product. You can also have a compare functionality in card dashboard, which means you can compare your company data with your competitors or you can compare similar products from your company or from others.
KPI	KPI stands for Key Performance Indicator, which is a type of performance measurement. An organization may use KPIs to evaluate its success, or to evaluate the success of a particular activity in which it is engaged.
Visualization	Here visualization means data or information visualization. Charts, graphs, images and other visualization methods are used for presenting the data. In this application we focus on visualization which also means we focus on the creation of approaches for conveying abstract information in intuitive ways.

[illegible]

#	Size	Category	Short Name	Item Description	Acceptance Criteria
30	3	Cards Dashboard	Select cards in all cards screen	When a user clicks a card, there will be a semitransparent cover over the selected card to show that the user has selected the card to compare it with other/s. If a user clicks the card for the second time, the semitransparent cover disappears.	The semitransparent cover is showed after click the card, and disappear after the second click.
31	5	Cards Dashboard	Compare button in all card screen	Design the compare button. If the user only selects one card and click the compare button, a message appears that he/she needs to choose 2 or more cards for comparison. If the user chooses two or more cards and click the compare button, the screen will turn to compare mode. If the user selects more than the number of cards that fit the screen, there is a message saying that the number of cards to be compared is to big.	The function of the compare button works as described
39	3	Cards Dashboard	Cards Scrolling Gesture	Scrolling on a tablet (with a gesture) to the left or right should move the current set of cards and display new cards using the built-in "browser-like" horizontal scrolling. The functionality should move the whole content (cards) of the screen.	After scrolling to the left or right the screen scrolls and new cards are displayed
54	3	Cards Dashboard	Dimension Change Menu Button	There is a menu button on the cards current dimension (e.g. competitors, products). After clicking on the title, it will show other dimensions to choose from.	Menu button is put in the right position and after clicking the button, there is a list of dimensions the user can choose from.
55	5	Cards Dashboard	Change Dimension	After choosing another dimension from the menu list, the title of the current cards dashborad changes to the selected dimension. All the data contained in the cards dashboard changes to the corresponing dimension (e.g. from competitor to product).	When choosing another dimension the screen is refreshed with the new data.
56	1	Cards Dashboard	Cards' Basic Color	For different dimensions, the basic color of the cards and the background are different (e.g., competitor card: blue; product card: red).	Different basic color of cards are showed in different dimensions.
57	1	Cards Dashboard	Exit Button to Homepage	On the cards dashboard, there is an exit button. After clicking the exit button, the homepage is displayed.	Homepage displayed after click the exit button.
58	3	Cards Dashboard	Sort button in all cards screen	The menu button should be beside the screen title. After click the menu button, it will show the optional dimensions(e.g., region, product category) to choose from.	Optional dimensions list is showed after click the button.
59	5	Cards Dashboard	Sort menu in all cards screen	The cards are displayed according to the selection made with the sort by button.	The cards are displayed correctly.
62	2	Line Dashboard	General Setting	Choose the background color, font, font color for the Line Dashboard and implement it.	General setting are settled.
63	3	Line Dashboard	Title	Title is in the upper part of the screen (now we use Sales as current title).	Title is displayed.
64	1	Line Dashboard	Exit Button to Homepage	Display an exit button and after click it, the homepage is displayed.	Button displayed and homepage shows after click the button.
65	8	Line Dashboard	List	The list shows the products name or competitor name, which has the current KPI.	Products name or competitor name is correctly showed in the list.

#	Size	Category	Short Name	Item Description	Acceptance Criteria
66	5	General	Dynamic data input 2/2	Use the functions that read the data in JSON	The functions read the data in JSON file
9	4	Cards-Dashboard	Cards-Title	Each card should contain a title that could be text or image, and displayed in upper middle part of the card (break down)	Each card has a title and displayed in correct position
11	2	Cards-Dashboard	Cards-Diagram	Define a default chart to be used for the sales diagram among different options like bar chart, line, pie, etc	A default chart for sales is defined
12	5	Cards-Dashboard	Cards-Diagram	Below the KPI information, each card should display a sales chart. The axes are: x=time separated in quarters, y= sales-volume.	Chart is displayed at the bottom of each card
13	5	Cards-Dashboard	Cards-Scrolling	Scrolling on a tablet (with a gesture) to the left or right should move the current set of cards and display a new card keeping the other 2	After scrolling to the left or right, another set of cards is displayed
14	13	Cards-Dashboard	Cards-Compare	As user i can select two or more cards to compare them. The application will ask the user if he/she wants to compare them. If yes the compare screen shows the selected cards. If not, the message disappears	User can change the position of the card correctly use drag and drop
15		General-Background	Visualization-Control	A user can click or touch a button on the top left corner to change the current visualization	user can use the button to change from current visualization to another visualization
16		General-Background	Visualization-Control-Definition	Design the layout of the menu that will show the available visualizations	Visualization menu is designed
17		Cards-Dashboard	KPIs-Control / Module-Selection	A user can click or touch a button on the KPI that wants to remove from the list. A drop down menu will display the available KPIs for this visualization / module	User can use the button to change from the current KPI to another available KPI, and the related data also changes
18		Cards-Dashboard	KPIs-Control-Drop-Down-Menu	Define a simple drop down menu to display the available KPIs	KPI menu is defined
20		Cards-Dashboard	Year-Control-Button	Define an appropriate position for the year button	Postion and style of year button is defined
21	5	Cards-Dashboard	Cards-Scrolling-Gesture	Scrolling on a tablet (with a gesture) to the left or right should move the current set of cards and display a new card keeping the other 2	After scrolling to the left or right, a new card is displayed
22	5	Cards-Dashboard	Cards-Scrolling-Computer	Scrolling on a computer (using arrows) to the left or right should move the current set of cards and display a new card keeping the other 2. The functionality should include two arrows, one on the left side and the other on the right side of the screen for scrolling. The arrows will appear only if the mouse is hovering over the area of the arrow.	After scrolling to the left or right, another set of cards is displayed

#	Size	Category	Short Name	Item Description	Acceptance Criteria
23		Cards-Dashboard	Cards-Compare-Selection	When a user clicks a card, there will be a semitransparent cover over the selected card to show that the user has selected the card to compare it with other/s. If a user clicks the card for the second time, the semitransparent cover disappears.	The semitransparent cover is showed after the card is clicked, and disappears after the second click.
24		Cards-Dashboard	Compare-button	Design the compare button. If the user only selects one card and click the compare button, a message appears that he/she needs to choose 2 or more cards for comparison. If the user chooses two or more cards and click the compare button, the screen will turn to compare mode. If the user selects more than the number of cards that fit the screen, there is a message saying that the number of cards to be compared is to big.	The function of the compare button works as described
25		Cards-Dashboard	Compare Exit-button	When the user clicks the compare exit button, the compare mode will close and return to the normal mode	compare mode is closed and normal mode is showed after click exit button
26		Cards-Dashboard	KPIs-Control	A user can click or touch a button on the KPI that wants to remove from the list. A menu will display the available KPIs for this visualization.	User can use the button to change from current KPI to another available KPI, and the related data also changes
27		Cards-Dashboard	KPIs-Control-Menu	Define a simple menu to display the available KPIs for the current visualization	KPI menu is defined
34	3	General	Tests	Define a testing framework. Define what components need to be tested and which methodology will be used	Deliver a testing framework
38	8	Cards-Dashboard	Cards-Diagram	Below the KPI information, each card should display a line chart with information from sales. The axes are: x=time (1-year separated in 4 quarters, which means 4 bars), y= sales-volume.	Chart is displayed at the bottom of each card
41	5	Demonstration	HTML Tests	Define what components need to be tested and which methodology will be used for HTML. Prepare a demonstration of a testing case for HTML	Testing case demonstration performed during the meeting
43	5	Demonstration	Swaping Tests	Define what components need to be tested and which methodology will be used for Swaping. Prepare a demonstration of a testing case for Swaping.	Testing case demonstration performed during the meeting

	Rel.	Size	Category		Item Description	Acceptance Criteria	
29	1	3	Cards Dashboard	All cards screen	All cards screen shows all the available cards. The cards should change size and contain only the logo/title. If all cards don't fit in one screen the user should scroll to see the rest.	All available cards show on the screen	Ramni
37	1	1	Cards Dashboard	Cards Title	Each card contains a title in form of a logo and is displayed in upper middle part of the card	Each card has a title and displayed in correct position	Nur
44	1	5	Cards Dashboard	Cards selection to Compare	When a user clicks a card, there will be a semitransparent cover over the selected card to show that the user has selected the card to compare it with other/s. A message will appear saying: "Select more to compare". The user can select any other cards that are visible and also the ones that are not immediately visible by using the scroll function.	The semitransparent cover is shown after the card is clicked. The message appears after selecting one card. The button appears. The new subpage is exactly the same as the previous one.	Kiran
45	1	3	Cards Dashboard	Compare Exit	If a user clicks a selected card for the second time, the semitransparent cover on this card disappears. A repetitive unselect action will end the compare mode. If a user clicks outside the area of any card all semitransparent covers disappear and the compare mode is closed.	Compare mode is closed and normal mode is shown after clicking or touching outside a card	Kiran
46	1	3	Cards Dashboard	Compare Button	After two or more cards are marked, a button appears saying "compare".	Compare button shows when two or more cards are marked	Kiran



	Rel.	Size	Category		Item Description	Acceptance Criteria	
49	1	5	General	Define data structure in JSON	Define a data structure for the data input in JSON for the competitors. It must be extensible to other cards categories, namely products	Data structure is defined in JSON for the competitors dashboard	Philipp
50	1	2	General	Define data structure in .csv	Define a product data structure for the data input in .csv.	Clear instructions on how to prepare a .csv file are delivered	Philipp
51	1	2	General	Transfer competitor data	Convert data in .csv file to JSON file.	Define a procedure or third party software to do the conversion	Philipp
52	1	13	General	Dynamic data input 1/2	Prepare the functions that read the data in JSON	The functions are ready with blank spaces to read data from JSON file	Nur/Andreas
53	1	1	Demonstration	Front-End test	Set up an environment for user interface (manual) test. Find a public server for team foundation server. (Ask for advice)	Have an environment ready for testing	Andreas
60	1	1	Homepage	Link to Line Dashboard	Create a tile for the Line Dashboard and after the user clicks it, the Line Dashboard page is opened	Tile is created and after the user clicks it, the Line Chart Dashboard is displayed.	Andreas
61	1	3	Line Dashboard	Line Dashboard Chart Display	The basic line chart is displayed in the Line Dashboard screen. The axes are: x=time (1 year separated in 4 quarters), y= kpi volume. The chart should not cover all screen, there is a list box besides the line chart.	The basic line dashboard is displayed.	Andreas

#	Rel.	Sprint	Est. Size	Real Size	Category	Short Name	Item Description	Acceptance Criteria
1	1	2	1	1	Application start and close	Application Startup	After user click on the icon of the Application user can see the home page of the application.	Homepage is displayed after clicking the application tile
2	1	2	1	1	Application start and close	Application Shutdown	If user want to close the application, user can close it with a gesture or a button.	Application closes after the button is clicked or the gesture is done
3	1	2	1	1	General Background	Application size	Define a dynamic screen size for both versions of windows, tablet and desktop	After click the app icon, the size of dashboard is displayed correctly on several screen resolutions
4	1	2	1	1	General Background	Background Default Color	Select a default color for the Background	Background shows the selected color
5	1	2	1	1	General Background	Background Default Font and Font Color	Select a default font and default font color for the background	Background shows the selected font
6	1	2	5	8	General	Common HTML/CSS Framework	Evaluate and choose a common framework for mobile devices	Provide Design guideline and HTML framework for designing the app
7	1	3	5	5	Cards Dashboard	Cards Layout Size and Color	Design the layout of the cards page. Several cards should fit on one page and should be easily visible. Decide the size of the card, the cards should be displayed in the middle of the screen leaving a space between each card. Select a color for the cards page	Cards dashboard should be displayed as described. Select a color for the cards page
8	1	3	1	1	Cards Dashboard	Cards Font	Select a font and font color for the cards page	Cards page shows the selected font and font color

#	Rel.	Sprint	Est. Size	Real Size	Category	Short Name	Item Description	Acceptance Criteria
10	1	4	1	5	Cards Dashboard	Cards Content	Below the title, each card should contain 3 lines and 2 columns. The first column will display the name of the KPI and the second column the value of the KPI. First KPI value will be a star rating from 1 to 5. Second KPI value will be a % and the third a number.	Cards content is displayed as described
19	1	4	3	3	Cards Dashboard	Year Control	A user can click or touch a button on a predefined position to change the current year.	User can use year button to change from current year to the year user interested in
28	1	4	1	1	Cards Dashboard	Show all cards button	Design a button for summarizing the content of the visualization.	All cards screen shows after click the button
32	1	3	5	5	Main Menu	Homepage	Create the main page as a group of tails. Every tail represents a visualization (put a link to the storyboard)	A group of tails is shown on the homepage
33	1	3	1	1	Main Menu	Homepage	Create a link. When the user clicks on the cards tail the applications shows a new page that contains the cards	After clicking the link the cards page opens
35	1	3	3	3	General	Architecture	Define control mechanisms (page delegation) and directory structure of the project	Organized project structure
36	1	3	1	1	Cards Dashboard	Cards Title	Each card contains a title in form of a text and is displayed in upper middle part of the card	Each card has a title and displayed in correct position
40	1	3	5	8	Cards Dashboard	Cards Scrolling Computer	Scrolling on a computer (using arrows) to the left or right should move the current set of cards and display new cards using the built-in "browser-like" horizontal scrolling. The functionality should include two arrows, one on the left side and the other on the right side of the screen for scrolling. The arrows will appear only if the mouse is hovering over the area of the arrow.	After scrolling to the left or right the screen scrolls and new cards are displayed

#	Rel.	Sprint	Est. Size	Real Size	Category	Short Name	Item Description	Acceptance Criteria
42	1	3	5	5	Demonstration	Javascript Tests	Define what components need to be tested and which methodology will be used for Javascript. Prepare a demonstration of a testing case for Javascript	Testing case demonstration performed during the meeting
47	1	4	5	5	Cards Dashboard	link to compare page	After user click compare button, it will open a sub-page which will be transparent for the user. This means, the subpage has the same dimensions, colors and layout of the previous screen and will display the subgroup of cards selected by the user.	After user click the compare button, subpage displayed
48	1	4	8	8	Cards Dashboard	Cards Diagram	Below the KPI information, each card should display a bar chart with information from sales. The axes are: x=time (1 year separated in 4 quarters, which means 4 bars), y= sales volume.	Chart is displayed at the bottom of each card

#	Rel.	Sprint	Impediment	Suggestion	Status
1	1	3	Increase communication and more coordination communication	Define a common skype call on tuesday evening	

<b>Sprint</b>	<b>Date From</b>	<b>Date To</b>	<b>Release Manager</b>	<b>Scrum Master</b>
1	09.04.14	17.04.14	Andreas	Andres
2	16.04.14	24.04.14	Nur	Xizi
3	23.04.14	01.05.14	Phillip	Andres
4	30.04.14	08.05.14	Kiran	Xizi
5	07.05.14	15.05.14	Ramni	Andres
6	14.05.14	22.05.14	Andreas	Xizi
7	21.05.14	29.05.14	Nur	Andres
8	28.05.14	05.06.14	Phillip	Xizi
9	04.06.14	12.06.14	Kiran	Andres
10	11.06.14	19.06.14	Ramni	Xizi
11	18.06.14	26.06.14	Phillip	Andres
12	25.06.14	03.07.14	Andreas	Xizi
13	02.07.14	10.07.14	Kiran	Andres