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

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 gusture 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, imagines 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.

Release	1					
No Sprints	6					
Due Date						
Sprint #	**Theme**	**User Stories**	**Est. Size**	**Real Size**	**Burn-Down**	**Dev Speed**
0						
1	Organizational Aspects	0	0	0	166	0
2	Application Startup	1,2,3,4,5,6,	10	13	156	7
3	Cards Dashboard General	7,8,32,33,35,36,40,42	26	29	130	14
4	Cards Dashboard Details	10,19,28,47,48	18	22	112	16
5	Cards Dashboard Input Data	49,50,51,52,57,69,70	26	22	86	17
6	Finalize Cards Dashboard and Start New Dashboard	29,37,44,45,46,66,71,75,76,78,79,80,87,88,89,90	50		36	
7	Cards Dashboard Tests, Simple version of Line Dashboard	30,31,53,54,55,67,68,91	36		0	
Total			**166**	**86**		

#	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
53	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.
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 corresponsing 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.
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.
67	5	Cards Dashboard	Chart inside a card	Each card contains a bar chart with a title, labels on both axis and values of the bars. The Chart is separated in four quarters for the current year labeled: Q1, Q2, Q3 and Q4. The labels of the quarters shouls be positioned under the bars, the title on top of the chart, the labels for the axis on each corner of the axis and the values of the bars on top of each bar. The title of the chart is the name of the KPI selected.	The chart displays correctly the selected information for the current year with all labels properly visible.
68	5	Cards Dashboard	Arrows to select KPIs	Under the list of 3 KPIs inside a card there are 2 arrows that allow the user to change the current KPI set to a different one. The arrows point to the right and left. Each time a user clicks an arrow a new set of 3 KPIs will appear. The arrows should be cyclical allowing the user to click until he/she finds the starting set.	A new set of 3 KPIs appears on a single card after I have clicked one arrow.

#	Size	Category	Short Name	Item Description	Acceptance Criteria
72		Line Dashboard	Item category Button	As a user, I should be able to click an item category button on the left upper corner of the screen and after clicking it a list of the available item categories is shown (products or competitors). With this functionality the user can see different items of data to be shown on the line chart.	The category button is put on the top of the list, and it shows the current category. If the catergory is product, then the list should shows a list of available products. The same function also applied to competitor.
73		Line Dashboard	List and Lines Display	As a user, i see on the left side of screen and under the item button a rectangular area that contains a list of all available items within an item category (products or competitors instances). Clicking on one item will make appear a line on the line chart on the right with a particular color that represents the selected item. The name of the item on the left will change color and have the same color as the line on the right so the user can identify them easily. Clicking on the line again will make it disappear from the chart and the color on the list will change to standard color again.	The lines appear after clicking on the items on the left and disappear after clicking on them on the right. The color of the item changes and is the same as the color of the line
74		Line Dashboard	Hovering	As a user, I can hover the mouse over a line and the system will display the value of the KPI for the current item (product or competitor instance).	Hovering over a line will make appear the value of the KPI for the selected position in the chart.
77		Line Dashboard	Title button	As a user I can click on the title to change the current KPI to a different one to have visibility on different KPIs	Title changes after clicking on it and selecting a different KPI
81		Homepage	Link to World Map Dashboard	As a user, I can click a tile on the homepage and access the World Map dashboard, so that I can view the data shown on the World Map dashboard.	A tile of World Map dashboard is created on the homepage. After user click the tile, World Map dashboard is shown.
82		World Map Dashboard	General Setting	Background for World Map dashboard should be the same as moving background. The background color and font color match well with each other, so that the user can clearly see the data shown on the dashboard.	Font should remains the same in all dashboards. Font color should be clearly seen on the background color.
83		World Map Dashboard	Title	As a user I can see the title of this dashboard which represents the worldwide information. So that I can have a general idea of this dashboard before I look into the data.	Title is displayed in the upper part of the screen (now we use Customer as current title).
84		World Map Dashboard	Exit Button to Homepage	As a user I can click exit button to return to the homepage. In this case I can select and view other dashboards on the homepage.	Button displayed and homepage shown after click the button. The exit button should display at the same place in all dashboards.
85		World Map Dashboard	World Map	As a user I can see a world map in the dashboard. In this case, user can get the worldwide information in one screen.	World map is in the center right part of the screen. The size of the map is about 50% of the screen. The color of each country will change when the mouse move to that country.
86		World Map Dashboard	Define data structure in JSON for the World Map Chart	Define a data structure for the data input in JSON for the visualization. So the user can see real data.	Data structure is defined in JSON for the World Map dashboard.
91	8	Bubbles Dashboard	Bubbles Chart	As a user I can see a chart with two axes that represent two KPIs. The content of the chart are a group of bubbles that represent the item category selected by the user (product/competitor).	Bubble chart is in the center of the screen. The size of the chart is about 70% of the screen with two axes and the corresponding labels. Each item should have a different color.

#	Size	Category	Short Name	Item Description	Acceptance Criteria
92		Bubbles Dashboard	Item category Button	As a user, I should be able to click an item category button on the left upper corner of the screen and after clicking it a list of the available item categories is shown (products or competitors). With this functionality the user can see different items of data to be shown on the bubble chart.	The category button is put on the top of the list, and it shows the current category. If the catergory is product, then the bubble chart shows products as bubbles.
93		Bubbles Dashboard	Define data structure in JSON for the Bubbles Chart	Define a data structure for the data input in JSON for the visualization. So the user can see real data.	Data structure is defined in JSON for the Bubbles dashboard.
~~9~~	~~1~~	~~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~~

#	Size	Category	Short Name	Item Description	Acceptance Criteria
~~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~~
~~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~~
~~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~~
~~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~~

#	Size	Category	Short Name	Item Description	Acceptance Criteria
~~60~~	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.~~
~~61~~	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.~~
~~62~~	~~2~~	~~Line Dashboard~~	~~General Setting~~	~~Choose the background color, font, font color for the Line Dashboard and implement it.~~	~~General setting are setted.~~
~~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.~~

#	Rel.	Size	Category	Short Name	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 dont fit in one screen the user should scroll to see the rest.	All available cards shows on the screen.	Ramni/Nur
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 immedialty visible by using the scroll function.	The semitransparent cover is showed 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.	Andreas
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 showed after clicking or touching outside a card	Andreas/Nur
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	Andreas
66	1	5	General	Dynamic data input 2/2	Use the functions that read the data in JSON.	The functions read the data in JSON file.	Andreas/Nur

#	Rel.	Size	Category	Short Name	Item Description	Acceptance Criteria	
71	1	3	Line Dashboard	Chart Display	A line chart is shown on the right side of the screen of the line dashboard which allows the user to view information on the line chart. The line chart uses at about 70% of the space of the screen and shows the evolution of one KPI along time for different items (products or competitors). The time slots on the horizontal axis are separated by year (and by quarters if possible, depending on the KPI). In this case a user can easily get a general overview of the critical information about chosen combination of KPI and item.	The axes are: x=time in years (1 year separated in 4 quarters if possible, several years of data can be seen on the x-axis, e.g.: Q1 2011 ,Q2 2011, Q3 2011, Q4 2011. 2 of years data means 8 units (if possible). x= kpi value. The chart should not cover all the screen, because there is a list box besides the line chart.	Philipp
75	1	1	Line Dashboard	General Setting	Background for line dashboard should be the same as moving background. The background color and font color match well with each other, so that the user can clearly see the data shown on the dashboard.	Font should remain the same in all dashboards. Font color should be clearly seen on the background color.	Philipp
76	1	1	Line Dashboard	Title	As a user I can see the title of this dashboard which represents a KPI. So that I can have a general idea of this dashboard before I look into the data.	Title is displayed in the upper part of the screen (now we use Sales as current title).	Philipp
78	1	1	Line Dashboard	Exit Button to Homepage	As a user I can click exit button to return to the homepage. In this case I can select and view other dashboards on the homepage.	Button displayed and homepage shown after click the button. The exit button should display at the same place in all dashboards.	Philipp

#	Rel.	Size	Category	Short Name	Item Description	Acceptance Criteria	
79	1	13	Cards Dashboard	Merge Cards Comparison functionality	Apply comparison functionality and merge it into the cards page, so user can compare cards on the card dashboard.	All cards functionality can be successfully used in cards dashboard.	Andreas
80	1	3	Homepage	General Styling	Each tile displayed a picture and description. In this case, user can get main concepts of the dashboard before the user click into the dashboards.	Imagine is displayed above the description.	Philipp
87	1	3	Homepage	Link to Bubbles Dashboard	As a user, I can click a tile on the homepage and access the Bubbles dashboard, so that I can view the data shown on bubbles dashboard.	A tile of World Map dashboard is created on the homepage. After user click the tile, World Map dashboard is shown.	Ramni
88	1	3	Bubbles Dashboard	General Setting	Background for bubbles dashboard should be the same as moving background. The background color and font color match well with each other, so that the user can clearly see the data shown on the dashboard.	Font should remains the same in all dashboards. Font color should be clearly seen on the background color.	Ramni
89	1	1	Bubbles Dashboard	Title	As a user I can see the title of this dashboard which is: "Explore KPI1_name and KPI2_name". So that I can have a general idea of this dashboard before I look into the data.	Title is displayed in the upper part of the screen.	Ramni
90	1	1	Bubbles Dashboard	Exit Button to Homepage	As a user I can click exit button to return to the homepage. In this case I can select and view other dashboards on the homepage.	Button displayed and homepage shown after click the button. The exit button should display at the same place in all dashboards.	Ramni

#	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
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

#	Rel.	Sprint	Est. Size	Real Size	Category	Short Name	Item Description	Acceptance Criteria
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
42	1	3	5	5	Demonstratic	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
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

#	Rel.	Sprint	Est. Size	Real Size	Category	Short Name	Item Description	Acceptance Criteria
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
49	1	5	5	3	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
50	1	5	2	2	General	Define data strcuture in . csv	Define a product data structure for the data input in .csv.	Clear instructions on how to prepare a .csv file are delivered
51	1	5	2	5	General	Transfer competitor data	Convert data in .csv file to JSON file.	Define a procedure or third party software to do the conversion
52	1	5	13	8	General	Dynamic data input 1/2	Prepare the functions that read the data in JSON	The funcctions are ready with blank spaces to read data from JSON file
57	1	5	1	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.
69	1	5	2	2	General	Moving Background	The application has a dynamic background that changes colors (yellow/grey).	The colors change after starting the application and keep changing during its use.
70	1	5	1	1	Homepage	Link to Line Dashboard	As a user, I can click a tile on the homepage and access the line dashboard, so that I can view the data shown on the line dashboard.	A tile of line dashboard is created on the homepage. After user click the tile, line chart dashboard is shown.

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

Sprint	Date From	Date To	Release Manager	Scrum Master
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