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| 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.

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| 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 | | 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 | | 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 |

| # | Size | Category | Short Name | Item Description | Acceptance Criteria |
|----|------|-----------------|-------------------------|---|---|
| 39 | | 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 |
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| 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 |

| # | Size | Category | Short Name | Item Description | Acceptance Criteria |
|----|------|--------------------|----------------------------------|---|--|
| 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 |

| # | Size | Category | Short Name | Item Description | Acceptance Criteria |
|----|------|-----------------|--------------------------|--|---|
| 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. |

| # | Size | Category | Short Name | Item Description | Acceptance Criteria |
|----|------|-----------------|---------------------|---|--|
| 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 too 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 |

| | Rel. | Size | Category | Short Name | Item Description | Acceptance Criteria | Responsible |
|----|------|------|-----------------|-----------------------|--|---|-------------|
| 10 | 1 | 1 | 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 | Nur |
| 19 | 1 | 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 | Philipp |
| 28 | 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 | Philipp |
| 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 shows 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 |
| 38 | 1 | 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 | Nur |
| 41 | 1 | 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 | Andreas |

| | Rel. | Size | Category | Short Name | Item Description | Acceptance Criteria | Responsible |
|----|------|------|-----------------|----------------------------|--|---|-------------|
| 43 | 1 | 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 | Andreas |
| 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 immediatly 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. | 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 showed 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 | Short Name | Item Description | Acceptance Criteria | Responsible |
|----|------|------|--------------------|-------------------------|---|--|-------------|
| 47 | 1 | 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 | Klran |

| # | 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 | Demonstrations | 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 |

| # | Rel. | Sprint | Impediment | Suggestion | Status |
|---|------|--------|--|---|--------|
| | | | | | |
| 1 | 1 | 3 | Increase communication and more coordination 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 | Kiran |
| 2 | 16.04.14 | 24.04.14 | Nur | Ramni |
| 3 | 23.04.14 | 01.05.14 | Phillip | Xizi |
| 4 | 30.04.14 | 08.05.14 | Kiran | Andreas |
| 5 | 07.05.14 | 15.05.14 | Ramni | Andres |
| 6 | 14.05.14 | 22.05.14 | Andreas | Nur |
| 7 | 21.05.14 | 29.05.14 | Nur | Phillip |
| 8 | 28.05.14 | 05.06.14 | Phillip | Kiran |
| 9 | 04.06.14 | 12.06.14 | Kiran | Ramni |
| 10 | 11.06.14 | 19.06.14 | Ramni | Xizi |
| 11 | 18.06.14 | 26.06.14 | Phillip | Andreas |
| 12 | 25.06.14 | 03.07.14 | Andreas | Andres |
| 13 | 02.07.14 | 10.07.14 | Kiran | Nur |