

This Doc	goo.gl/3A91o
Live Service	http://proj2.ss13.osramos.de
Code repository	https://sourceforge.net/projects/resprocessvis
Additional materials	
<i>01_Mockup</i>	goo.gl/9i44P
<i>02_Database Design</i>	goo.gl/bhG9C
<i>03_Audi Input Data</i>	goo.gl/YkYO8
Example	http://goo.gl/FRfym

	Category	Element	Done
	Planning documents	Clean up all planning documents	
		Create snapshot copy of planning document (PDF)	
		Name the document sprint_planning.pdf	
		Commit to the root of code repository (SVN)	
		Tag it with sprint_xx_planning	
	Software product	Build deployment version (must be runnable!)	
		Name deployment version ROOT.war	
		Commit it to the root of code repository (SVN)	
		Tag with sprint_xx_release	
	Process improvement	http://goo.gl/aPWZ4	

Product Vision

The AUDI Resource Process Visualization project is aiming to supply an application of AUDI's global production plants. A navigateable world map allows hierarchical browsing to every production plant in every country. At each level of browsing the aggregated information of the production line is calculated and information about quality and testing are available.

Release	2.0					
No. Sprints	7					
Due Date	06.06.2013					
Sprint #	Theme	User Stories	Est. Effort	Burn-Down	Real Effort	
6				0		
7						
8						
9						
10						
11						
12						
Total			0		0	
Release	1.0					
No. Sprints	6					
Due Date	02.05.2013					
Sprint #	Theme	User Stories	Est. Effort	Burn-Down	Real Effort	
0				144		
1	Defining requirements and setting up infrastructure	3,4,5	15	129	15	
2	User interface: Global view, Factory view	1,2,6,7,8,9,10	23	106	28	
3	User interface: Production Hall view, Administration	11,12,13,14	24	82	24	
4	User Interface: Assembly Line view, Testing device view	15,16,17,18,19,20,21,22,23	27	55	22	
5	Navigation Feature, Data reflection Global and Factory layer	25,26,27,28,29	28	27	20	
6	Data reflection Production Hall and Assembly Line	27,30,31,32,33,34,35	27	0		
Total			144		109	

#	Effort	Category	Short Name	Item Description	Acceptance Criteria
24	5	Mechanism Demo: U/I	Navigation Feature: Trouble Electrical Component view (Action)	As a user, I need a hierachical promotion navigation link, so that I can go to upper level views.	a promotion navigation link in a hierachical structure is presented on the top of every page
36	5	Data Reflection: toward U/I	Reporting Feature: Testing Device Layer	As a user, after clicking on each Assembly Line, I can look into the Testing Device view, so that I can see the REAL TIME aggregated status in the terms of traffic lights presenting Testing-Device-level quality and testing information, where the traffic lights are set close to corresponding Testing Device.	1. REAL TIME aggregated statuses in the term of traffic lights presenting Testing Device-level quality and testing information are presented;
37	5	Data Reflection: toward U/I	Reporting Feature: Trouble Electrical Component Layer	As a user, after clicking on each Testing Device, I can look into the list of Electrical Components, so that I can see the REAL TIME status and detailed information assoiciated with those Electrical Components and the trouble Electrical Components are underlined and linked for further tracing.	1. REAL TIME aggregated statuses in the term of traffic lights presenting Trouble Electrical Component-level quality and testing information are presented;
38	3	Mechanism Demo: U/I	Design	A a user, I can see the AUDI Corporate Design in colours and font in each view, so that I feel familiar with the application	1. User Interface similar to audi.de
39	5	Implementation: U/I	Navigation Feature: Global view - all factories (Presenting)	As a user, I need a Global view, so that I can see all the factories of Audi in global range, marked with a pin at the corresponding city of the factory	1. demonstration of global view - refer to <mockup>; 2. pins representig each factory
40	3	Implementation: U/I	Navigation Feature: Global view -all factories (Action)	As a user; I need a Global view, so that I can click on each factory pin to zoom into the corresponding factory information	1. pin of every factory is clickable
41	5	Implementation: U/I	Navigation Feature: Factory view (Presenting - Gernerall Information)	As a user, I need a Factory view of each factory of Audi, so that I can see gernerall information of the current factory, including the name of factory, description of factory (vehicle models produced there, size of staff, quantity of produced vehicles) and aggregated status in the terms of traffic lights presenting Production-Hall-Level quality and testing information which are demonstrated at the top-right corner.	1. demonstration of each Factory view - refer to <mockup>; 2. the name of factory and description of factory (vehicle models produced there, size of staff, quantity of produced vehicles) information are presented; 3. local Production Halls' aggregated status in the term of traffic lights presenting factory-level quality and testing information is presented;
42	5	Implementation: U/I	Navigation Feature: Factory view (Presenting - Layout of Factory)	As a user, I need to look in every Factory view, so that I can see the layout of the selected factory with all the Production Halls.	1. demonstration of each factory view; 2. the layout of the selected factory with all the Production Halls are presented;
43	3	Implementation: U/I	Navigation Feature: Factory view (Action)	As a user, I need a Factory View of each factory of Audi, so that I can click on a Production Hall to look into the cooresponding Production Hall Level.	1. the Production Hall areas are clickable; 2. after clicking, i can look into the next level of view;

#	Effort	Category	Short Name	Item Description	Acceptance Criteria
44	5	Implementation: U/I	Navigation Feature: Production Hall view (Presenting - General Information)	As a user, I need a Production Hall view in every factory of Audi, so that I can see general information of the current Production Hall, including the number of staff, production capacity, and aggregated status in the terms of traffic lights presenting Assembly-Line-level quality and testing information which are demonstrated at the top-right corner.	1. demonstration of each Production Hall view - refer to <mockup>; 2. the number of staff and production capacity information are presented;
45	5	Implementation: U/I	Navigation Feature: Production Hall view (Presenting - Layout of Production Hall)	As a user, I need a Production Hall view, so that I can see the layout of the every selected Production Hall with all the Assembly lines, whereas every Assembly Line is attached with traffic lights presenting Assembly-Line-level quality and testing information.	1. demonstration of every Production Hall view - refer to <mockup>; 2. the layout of the current Production Hall with all the Assembly Lines are presented; 3. each local Assembly Line's aggregated status in the term of traffic lights presenting Assembly-Line-level quality and testing information is presented;
46	3	Implementation: U/I	Navigation Feature: Production Hall view (Action)	As a user, I need a Production Hall view in every factory of Audi, so that I can click on a Assembly Line to look into the corresponding Assembly Line level.	1. the Assembly Line areas are clickable; 2. after clicking, i can look into the next level of view;

#	Rel.	Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility
27	1	5	Mechanism Demo: U/I	Navigation Feature: Factory view	As a user, I can see a exemplary factory plan, that I can click on a certain area on the plan to go to in the next view.	1. factory plan is presented in Factory view as drawn in <01_Mockup>;	Chris
30	1	3	Mechanism Demo: U/I	Navigation Feature: Production Hall View	As a user, I can see a exemplary Production Hall plan, that I can click on a certain area on the plan to go to the next view	1. Production Hall plan is displayed in Production Hall view as drawn in <01_Mockup>;	Chris
31	1	3	Mechanism Demo: U/I	Navigation Feature: Assmbly Line view	As a user, I can see a exemplary Assembly hall plan, so that I can click on a certain area on the plan to go in the next view	1. Assembly line view plan is displayed in the Assembly Line view as drawn in <01_Mockup>;	Chris
32	1	5	Data Reflection: toward U/I	Reporting Feature: Production Hall Layer	As an administrator, I can insert/update the data for Production Hall Layer in database, so that the up-to-date data for Production Hall view can be reflected.	1. Assembly Line instances configured/stored in the database are displayed in the Production Hall view; 2. aggregated statuses in the term of traffic lights presenting Factory-level quality and testing information are presented;	Martin
33	1	3	Data Reflection: toward U/I	Reporting Feature: Production Hall Layer (U/I-DB attributes alignment)	As an administrator, I can configure the table for Production Hall Layer in the database, so that the attributes of Production Hall view on U/I can be reflected with up-to-date data.	1. the columns and attributes in <02_Database Design> and <03_Audi Input Data> should be reflected;	Martin
34	1	5	Data Reflection: toward U/I	Reporting Feature: Assembly Line Layer	As an administrator, I can insert/update the data for Assembly Line layer in the database, so that the up-to-date data for Assembly line layer can be reflected.	1. Location view instances configured/stored in the database are displayed in the Assembly Line view; 2. aggregated statuses in the term of traffic lights presenting Factory-level quality and testing information are presented;	JP
35	1	3	Data Reflection: toward U/I	Reporting Feature: Assembly Line Layer (U/I-DB attributes alignment)	As an administrator, I can configure the table for Assembly Line Layer in the database, so that the attributes of Assembly Line view on U/I can be reflected with up-to-date data.	1. the columns and attributes in <02_Database Design> and <03_Audi Input Data> should be reflected;	JP

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility
3	1	1	5	5	Process management	Project kickoff with industry partner	As a team member, I can participate the workshop, so that I can have the cooperation with our industry partner who provides information, requirements and existing legacy for this project as much as possible.	1. kickoff workshop was conducted 2. industry partner was briefed 3. university team was briefed 4. requirements for the first steps are clear	Chris, Martin, Jan-Philipp, Yao, Kathrin
4	1	1	5	5	User Interface	Codebase: First executable code	As a team member, I am able to see the first version of executable code, so that show some simple htmls.	1. code available in svn repository 2. simple html output	Chris, Martin, Jan-Philipp
5	1	1	5	5	User Interface	Mockups: Rough first version	As a team member, I can have the same awareness and global understanding of the layout of U/I as others according to the first version of mockups containing on the views on each layer, so that I can make sure our communication is on the same page and efficient.	1. first viewable demo mockups 2. general understanding of possible U/I implementation of the team	Yao, Jan-Philipp
1	1	2	1	1	Infrastructure	Code repository	As a team member, I need access to the SVN code repository, so that I can review and check the source as well.	all team members have access	Jan-Philipp
2	1	2	1	1	Infrastructure	Set up communication channels	As a team member, we share all communication channels (dropbox, google docs, skype accounts for developers), so that we can support flawless community.	1. all email addresses are known; 2. dropbox folder created and shared; 3. google docs created and shared; 4. skype accounts among developer shared	Chris, Martin, Jan-Philipp
6	1	2	5	8	Mechanism Demo: U/I	Navigation Feature: Global view (Presenting)	As a user, I need a Global view, so that I can see a exemplary factories of Audi with flag of country, company logo(AUDI) and aggregated status in the term of traffic lights presenting factory-level quality and testing information are demonstrated	1. *correct demonstration of global view; 2. flag of country and company logo are correctly presented (next to the corresponding factory city); 3. local factories' aggregated status in the term of traffic lights presenting factory-level quality and testing information is correctly presented; *refer to layout design <Global view> in <mockup>	Chris, Martin, Jan-Philipp
7	1	2	3	5	Mechanism Demo: U/I	Navigation Feature: Global view (Action)	As a user, I need a global view, so that I can click the factory area and zoom into the corresponding factory afterwards.	1. the factory areas are clickable 2. after clicking, i can zoom into the next level of view	Chris, Martin, Jan-Philipp

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility
8	1	2	5	5	Mechanism Demo: U/I	Navigation Feature: Factory view (Presenting - General Information)	As a user, I need a Factory view, so that I can see general information of the current factory, including the name of factory, exemplary description of factory (vehicle models produced there, size of staff, quantity of produced vehicles)	1. *correct demonstration of Factory view; 2. the name of factory and description of factory (vehicle models produced there, size of staff, quantity of produced vehicles) information are correctly presented; *refer to layout design <Factory view> in <01_Mockup>	Chris, Martin, Jan-Philipp
9	1	2	5	5	Mechanism Demo: U/I	Navigation Feature: Factory view (Presenting - Layout of Factory)	As a user, I need a Factory view, so that I can see an exemplary layout of the current factory with all the Production Halls	1. *correct demonstration of factory view; 2. the layout of the current factory with all the Production Halls are correctly presented; *refer to layout design <Factory view> in <01_Mockup>	Chris, Martin, Jan-Philipp
10	1	2	3	3	Mechanism Demo: U/I	Navigation Feature: Factory view (Action)	As a user, I need a Factory View, so that I can click on an exemplary Production Hall to zoom into the corresponding Production Hall Level.	1. the Production Hall areas are clickable; 2. after clicking, i can zoom into the next level of view;	Chris, Martin, Jan-Philipp
11	1	3	5	5	Mechanism Demo: U/I	Navigation Feature: Production Hall view (Presenting - General Information)	As a user, I need a Production Hall view, so that I can see general information of the current Production Hall, including exemplary number of staff, production capacity, and exemplary aggregated status in the terms of traffic lights presenting Assembly-Line-level quality and testing information which are demonstrated at the top-right corner.	1. demonstration of Production Hall view - refer to <01_Mockup>; 2. the number of staff and production capacity information are presented; 3. local Assembly Lines' aggregated status in the term of traffic lights presenting Production-Hall-level quality and testing information is presented;	Chris, Martin, Jan-Philipp
12	1	3	8	8	Mechanism Demo: U/I	Navigation Feature: Production Hall view (Presenting - Layout of Production Hall)	As a user, I need a Production Hall view, so that I can see the layout of the current Production Hall with all the Assembly lines, whereas every Assembly Line is attached with traffic lights presenting Assembly-Line-level quality and testing information.	1. demonstration of Production Hall view - refer to <01_Mockup>; 2. the layout of the current Production Hall with all the Assembly Lines are presented; 3. each local Assembly Line's aggregated status in the term of traffic lights presenting Assembly-Line-level quality and testing information is presented;	Chris, Martin, Jan-Philipp

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility
13	1	3	3	3	Mechanism Demo: U/I	Navigation Feature: Production Hall view (Action)	As a user, I need a the Production Hall view, so that I can click on a Assembly Line to look into the cooresponding Assembly Line level.	1. the Assembly Line areas are clickable; 2. after clicking, i can look into the next level of view;	Chris, Martin, Jan-Philipp
14	1	3	8	8	Administration	Configurable Factory meta data	As an administrator, I would like to configure the meta data of different factories, that all factories are initialised.	1. numbers of factories can be defined 2. demonstration based on <01_Mockup>	Martin, Jan-Philipp
15	1	4	3	2	Mechanism Demo: U/I	Navigation Feature: Assembly Line view (Presenting - Gernal Information)	As a user, I need a Assembly Line view, so that I can see an exemplary gernal information of the current Assembly Line, including production series names, production capacity and aggregated status in the terms of traffic lights presenting Assembly-Line-level quality and testing information which are demonstrated at the top-left corner.	1. demonstration of Assembly Line view - refer to <mockup>; 2. production series names and production capacity information; 3. local Assembly Lines' aggregated status in the term of traffic lights presenting Assembly-Line-level quality and testing information;	Chris, Martin, Jan-Philipp
16	1	4	3	2	Mechanism Demo: U/I	Navigation Feature: Assembly Line view (Presenting - Layout of Assembly Line)	As a user, I need a Assembly Line view, so that I can see the layout of the current Assembly Line with all the Locations, where every Location is attached with traffic lights presenting Location-level quality and testing information.	1. demonstration of Assembly Line view - refer to <01_Mockup>; 2. the layout of the current Assembly Line with all the Locations within this Assembly Line are presented; 3. each local Location's aggregated status in the term of traffic lights presenting Assembly-Line-level quality and testing information is presented;	Chris, Martin, Jan-Philipp
17	1	4	3	3	Mechanism Demo: U/I	Navigation Feature: Assembly Line view (Action)	As a user, I need a Assembly Line view, so that I can click on a Location to look into the cooresponding Location level.	1. the Location areas are clickable; 2. after clicking, i can look into the next level of view;	Chris, Martin, Jan-Philipp
18	1	4	3	2	Mechanism Demo: U/I	Navigation Feature: Location view (Presenting - Gernal Information)	As a user, I need a Location view, so that I can see an exemplary gernal information of the current Location, including the number of the types of testing devices, device serial numbers and aggregated status in the terms of traffic lights presenting Location-level quality and testing information which are demonstrated at the top-left corner.	1. demonstration of Location view - refer to <mockup>; 2. the number of the types of testing devices and device serial numbers; 3. local Assembly Lines' aggregated status in the term of traffic lights presenting Location-level quality and testing information;	Chris, Martin, Jan-Philipp

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility
19	1	4	3	2	Mechanism Demo: U/I	Navigation Feature: Location view (Presenting - Testing Devices)	As a user, I need a Location view, so that I can see an exemplary list of testing devices which are used in that Location and are attached with traffic lights presenting Testing-Device-level quality and testing information.	1. demonstration of Location view - refer to <01_Mockup>; 2. a exemplary list of testing devices which are used in the current Location; 3. each local Testing device's aggregated status in the term of traffic lights presenting Testing-Device-level quality and testing information;	Chris, Martin, Jan-Philipp
20	1	4	3	3	Mechanism Demo: U/I	Navigation Feature: Location view (Action)	As a user, I need a Location view, so that I can click on a Testing Device on the list to look into the cooresponding Testing Device level.	1. the IDs of Testing Devices are attached with a link and clickable; 2. after clicking, i can look into and check the detailed information contained in this Testing Device.	Chris, Martin, Jan-Philipp
21	1	4	3	2	Mechanism Demo: U/I	Navigation Feature: Testing Device view (Presenting)	As a user, I need a Testing Device view, so that I can see an exemplary list of tested Electronical Components with shows a brief description about quality and testing information, such as test status, component category, trouble period and responsible sectors.	1. demonstration of Testing Device view - refer to <01_Mockup>; 2. an exemplary list of tested Electronical Components	Chris, Martin, Jan-Philipp
22	1	4	3	3	Mechanism Demo: U/I	Navigation Feature: Testing Device view (Action)	As a user, I need a Testing Device view, so that I can click on a tested Electronical Component on the list to look into the cooresponding Trouble Electrical Component level.	1. for any trouble Electronical Component, a link is attached and clickable; 2. after licking, I can look into detailed and associated information;	Chris, Martin, Jan-Philipp
23	1	4	3	3	Mechanism Demo: U/I	Navigation Feature: Trouble Electrical Component view (Presenting)	As a user, I need a Trouble Electrical Component view, so that I can exemplary see detailed information about the current Trouble Electronical Component, such as ID, component serial number, test status, component category, trouble occurrence time, trouble occurrence site, responsible sector, shift responsible and so on, displayed in a Modal Dialog Box. A print button for printing this information is provided and set at the top-right conner.	1. detailed information about the current Trouble Electronical Component, such as ID, component serial number, test status, component category, trouble occurrence time, trouble occurrence site, responsible sector, shift responsible and so on, displayed in a Modal Dialog Box; 2. A print button for printing this information is provided and set at the top-right corner;	Chris, Martin, Jan-Philipp
25	1	5	2	2	Mechanism Demo: U/I	Navigation Feature: Promotion Navigation Control (Presenting)	As a user, I need a hierachical promotion navigation link, so that I can go to upper level views.	a promotion navigation link in a hierachical structure is presented on the top of every page	Chris

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility
26	1	5	5	5	Mechanism Demo: U/I	Navigation Feature: Promotion Navigation Control (Action)	As a user, I can employ a hierachical promotion link, so that I can go to upper level views.	1. after clicking on a hierachical promotion, jump back to the expected upper level views	Chris
28	1	5	8	5	Data Reflection: toward U/I	Reporting Feature: Global Layer	As an administrator, I can insert/update the data for global layer in database, so that the up-to-date data for globle view can reflected.	1. Factory instances configured/stored in the database are displayed in the Global view; 2. aggregated statuses in the term of traffic lights presenting Global-level quality and testing information are presented; 3. the columns and attributes in <02_Database Design> and <03_Audi Input Data> should be reflected;	Martin
29	1	5	8	8	Data Reflection: toward U/I	Reporting Feature: Factory Layer	As an administrator, I can insert/update the data for factory layer in database, so that the up-to-date data for factory view can reflected.	1. Production Hall instances configured/stored in the database are displayed in the Factory view; 2. aggregated statuses in the term of traffic lights presenting Factory-level quality and testing information are presented; 3. the columns and attributes in <02_Database Design> and <03_Audi Input Data> should be reflected;	Jan Philipp

Sprint	SCRUM Master	Review / Release Manager
1	Chris	Martin
2	Kathrin	Martin
3	Yao	Jan-Philipp
4	Martin	Chris
5	Kathrin	Jan-Philipp

Number	Impediment	Solution	Originator	Contactor	Status
1	no communication channels fixed	Communication: Straighten, Make it more synchronous	Kathrin	Kathrin	done
2	no single point of contact defined	Communication contact: Everything will be sent to Kathrin, she will send out anything	Kathrin	Kathrin	done
3	no test data from Audi available	Get test data from AUDI asap	Chris, Martin, Jan-Philipp	Chris	done
4	no weekly sprint checklist available	Create checklist for weekly deliverables in new google docs	Chris	Chris	done
5	where are components located?	Check location of components with Audi	Chris, Martin, Jan-Philipp	Chris	done
6	no data dictionary from Audi available	Data dictionary (definitions of relevant data) from Audi	Yao	Chris	done
7	different understanding of "Location"	discussion in group	Chris	Kathrin	done
8	different understanding of wording	show Audi the first version of the application	group	Kathrin	done
9	the definition of warning level (what the minimum percentages are for corresponding colors in the traffic lights to presenting warning level)	Check Audi standards after comparing Japanese automotive standards	Yao, Kathrin	Kathrin	done