

<b>This Doc</b>	<a href="https://goo.gl/3A91o">goo.gl/3A91o</a>
<b>Live Service</b>	<a href="http://proj2.ss13.osramos.de">http://proj2.ss13.osramos.de</a>
<b>Code repository</b>	<a href="https://sourceforge.net/projects/resprocessvis">https://sourceforge.net/projects/resprocessvis</a>
<b>Additional materials</b>	
mockup	<a href="https://goo.gl/9i44P">goo.gl/9i44P</a>
<b>Example</b>	<a href="http://goo.gl/FRfym">http://goo.gl/FRfym</a>

Sprint No.	Category	Element	Done
1	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	<a href="http://goo.gl/aPWZ4">http://goo.gl/aPWZ4</a>	

**Product Vision**

The AUDI Resource Process Visualization project is aiming to supply a Web 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 Plan

Release	2.0					
No Sprints	7					
Due Date	06.06.2013					
<b>Sprint #</b>	<b>Theme</b>	<b>User Stories</b>	<b>Est. Effort</b>	<b>Burn-Down</b>	<b>Real Effort</b>	
6				0		
7						
8						
9						
10						
11						
12						
<b>Total</b>			<b>0</b>		<b>0</b>	
Release	1.0					
No Sprints	6					
Due Date	02.05.2013					
<b>Sprint #</b>	<b>Theme</b>	<b>User Stories</b>	<b>Est. Effort</b>	<b>Burn-Down</b>	<b>Real Effort</b>	
0				130		
1	Defining requirements and setting up infrastructure	3,4,5	15	115	15	
2	User interface: Global view, Factory view	1,2,6,7,8,9,10	23	92	28	
3	User interface: Production Hall view, Administration	11,12,13,14	24	68		
4	User Interface: Assembly Line view, Testing device view	15,16,17,18, 19, 20	24	44		
5	User Interface: Trouble Technical Component view, Promotion Navigation Control, Factory Layer	21, 22, 23, 24, 25	21	23		
6	Reporting Features, Design	26, 27, 28, 29, 30	23	0		
<b>Total</b>			<b>130</b>		<b>43</b>	

	Effort	Category	Short Name	Item Description	Acceptance Criteria
15	3	Mechanism Demo: U/I	Navigation Feature: Assembly Line view (Presenting - General Information)	As a user, I need a Assembly Line view, so that I can see an exemplary general information of the current Assembly Line, including the number of testing devices, device serial numbers 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 Production Hall view - refer to <mockup>; 2. the number of staff and production capacity information 3. local Assembly Lines' aggregated status in the term of traffic lights presenting Assembly-Line-level quality and testing information
16	5	Mechanism Demo: U/I	Navigation Feature: Assembly Line view (Presenting - Testing Devices)	As a user, I need a Assembly Line view, so that I can see an exemplary list of testing devices which are used in that Assembly Line and are attached with traffic lights presenting Testing-Device-level quality and testing information.	1. demonstration of Assembly Line view - refer to <mockup> 2. a exemplary list of testing devices which are used in the current Assembly Line 3. each local Testing device's aggregated status in the term of traffic lights presenting Testing-Device-level quality and testing information
17	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 Testing Device on the list to look into the corresponding 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.
18	5	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 Electrical 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 <mockup>; 2. an exemplary list of tested Electrical Components
19	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 Electrical Component on the list to look into the corresponding Trouble Electrical Component level.	1. for any trouble Electrical Component, a link is attached and clickable; 1. after clicking, I can look into detailed and associated information;
20	5	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 Electrical 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 corner.	1. detailed information about the current Trouble Electrical 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;

	Effort	Category	Short Name	Item Description	Acceptance Criteria
21	5	Mechanism Demo: U/I	Navigation Feature: Trouble Electrical Component view (Action)	As a user, I need a Trouble Electrical Component view, so that I can click on the print button to print the trouble information of the current Trouble Electrical Component.	after clicking the print button, I can print the trouble information of current Trouble Electrical Component.
22	3	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
23	3	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.	after clicking on a hierachical promotion, jump back to upper level views
24	5	Data Reflection: toward U/I	Reporting Feature: Global Layer	As a user, after openning the homepage of this system, I can see the REAL TIME aggregated status in the terms of traffic lights presenting Global-level quality and testing information.	1. REAL TIME aggregated statuses in the term of traffic lights presenting Global-level quality and testing information are presented;
25	5	Data Reflection: toward U/I	Reporting Feature: Factory Layer	As a user, after clicking on the pin of a certain Factory, I can see a message box appear close to the pin, so that I can see the REAL TIME aggregated status in the terms of traffic lights presenting Factory-level quality and testing information on the message box.	1. REAL TIME aggregated statuses in the term of traffic lights presenting Factory-level quality and testing information are presented;
26	5	Data Reflection: toward U/I	Reporting Feature: Production Hall Layer	As a user, after clicking on the button on the message box from the corresponding Factory, I can look into the Factory view, so that I can see the REAL TIME aggregated status in the terms of traffic lights presenting Production-Hall-level quality and testing information, where the traffic lights are set close to corresponding Production Hall.	1. REAL TIME aggregated statuses in the term of traffic lights presenting Production Hall-level quality and testing information are presented;
27	5	Data Reflection: toward U/I	Reporting Feature: Assembly Line Layer	As a user, after clicking on each Production Hall, I can look into the Assembly-Line view, so that I can see the REAL TIME aggregated status in the terms of traffic lights presenting Assembly-Line-level quality and testing information, where the traffic lights are set close to corresponding Assembly Line.	1. REAL TIME aggregated statuses in the term of traffic lights presenting Assembly Line-level quality and testing information are presented;
28	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;

	Effort	Category	Short Name	Item Description	Acceptance Criteria
29	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 associated 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;
30	3	Mechanism Demo: U/I	Design	As a user, I can see the AUDI Corporate Design in colours and font in each view, so that I feel familiar with the application	User Interface similar to audi.de
31	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 representing each factory
32	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	pin of every factory is clickable
33	3	Implementation: U/I	Navigation Feature: Factory view (Presenting - General Information)	As a user, I need a Factory view of each factory of Audi, so that I can see general 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;
34	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;
35	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 corresponding Production Hall Level.	1. the Production Hall areas are clickable; 2. after clicking, I can look into the next level of view;
36	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;

	Effort	Category	Short Name	Item Description	Acceptance Criteria
37	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;
38	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 cooresponding 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
11	1	5	Mechanism Demo: U/I	Navigation Feature: Production Hall view (Presenting - Gernerall Information)	As a user, I need a Production Hall view, so that I can see gernerall information of the current Production Hall, including exemplary number of staff, production capacity, and examplary 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 <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	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 Assemly Line is attached with traffic lights presenting Assembly-Line-level quality and testing information.	1. demonstration of 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;	Chris, Martin, Jan-Philipp
13	1	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	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 <mockup>	Martin, Jan-Philipp

## Sprint Roles

<b>Sprint</b>	<b>SCRUM Master</b>	<b>Review / Release Manager</b>
1	Chris	Martin
2	Kathrin	Martin
3		

#	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

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility
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 cooresponding facorty 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 cooresponding factory afterwards.	1. the factory areas are clickable 2. after clicking, i can zoom into the next level of view	Chris, Martin, Jan-Philipp
8	1	2	5	5	Mechanism Demo: U/I	Navigation Feature: Factory view (Presenting - Gerneral Information)	As a user, I need a Factory view, so that I can see gernal 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 <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 <mockup>	Chris, Martin, Jan-Philipp

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility
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 cooresponding 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

# Impediments

Number	Impediment / Challenge	Originator	Contactore	Status
1	Communication: Straighten, Make it more synchronous	Kathrin	Kathrin	done
2	Communication contact: Everything will be sent to Kathrin, she will send out anything	Kathrin	Kathrin	done
3	Get test data from AUDI asap	Chris, Martin, Jan-Philipp	Chris	done
4	Create checklist for weekly deliverables in new google docs	Chris	Chris	done
5	Check location of components with Audi	Chris, Martin, Jan-Philipp	Chris	in progress
6	Data dictionary (defintions of relevant data) from Audi	Yao	Chris	in progress