

This doc	http://goo.gl/4AG7v
Code repository	https://github.com/thetransporter2012/amos-osvas
Additional materials	https://www.dropbox.com/s/tvjeczpmhmxebll/Bosch-AEY1-Amos-proposal.pdf
	https://www.dropbox.com/s/ufrh93snfbu9189/Bosch%201%20Vulnerability%20Assessment%20Service.pdf
	https://www.dropbox.com/home?select=Backlog.xls

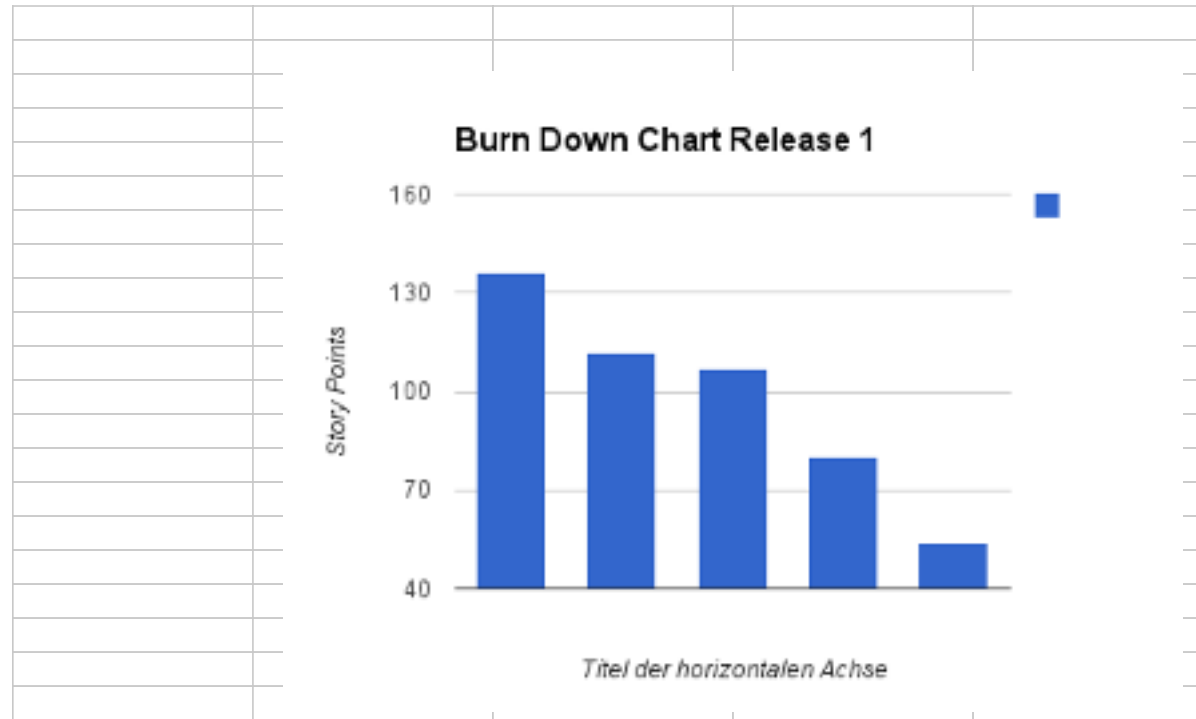
Product Vision

Companies develop a lot of software tools and use for some components open source products which are integrated in their software.
These components need to be controlled by the owners of the software in terms of new versions or security problems.
Of course, a manual search in major security vulnerability databases can be a major effort. That is why we are looking for tool and automation support.
The Software can use an uploaded list from open source components and show the different vulnerabilities for them.

Release Plan

Release	1						
No Sprints	7						
Due Date	21.05.2013						
Sprint #	Theme	User Stories	Est. Effort	Burn-Down	Real Effort	Scrum master	Review & release manager
1	Infrastructure	1,2,3	5	136	5	Martin	Dominic
2	Environment	4,5,6,7,8	24	112	24	Dominik Krebs	Jonathan
3	API organisation	12	5	107	5	Dominik Krebs	Dominic
4	Access & Output	16,17,30,31	27	80	27	Radi	Dominik Krebs
5	Output and Upload	12,14,15,21,24	26	54	20	Martin	Dominic
6	Search and Output	18,26,28,37,38	26	28		Martin	Radi
7	XML output					Radi	Martin

Burn-Down Chart



Product Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria
11	3	Organization	REST API Framework	As a developer I can select a framework to be used so I can have access to the REST API	A suitable REST API framework has been selected
19	5	API	Overview of the OSVDB	As a developer, I know solutions and methods to access the data which is offered by the API, so I can use them in further requirements	Knowing and document which data the database offers
20	8	Programming	Search field	As a user I can type a search query in a field, so I can search them in later steps	A search field is displayed the application start page, where a user is able to type in keywords for his access.
22	8	Frontend / UI	Output List	As a developer I can extract from the XML the relevant criterias "OSVDB ID", "Vulnerability Name", "Link to Vulnerability", "Disclosure Date", "Problem", "Solution", so I can easily show it on the result page.	The criterias are each extracted from the XML sheet and saved as variables
23	5	Frontend / UI	Output List	As a user I can see a table with their selected variables, so I can see information about my software components	A table with "Name", "ID", "Link", "Disclosure Date", "Problem" (Example: Security lack, obsolete version, etc.), "Solution" (Example: Upgrade)
25	8	API	REST API Accessibility	As a developer, I gurantee that the application can use the API in order to access the database, so i can solve further requirements	The API can be accessed from within the application
27	5	Frontend / UI	API filter	As a developer, I can filter the API by "Vendor Name", "Product Name", "Disclosure Date", "Problem" and "Solution" so i can show the user only relevant information	The List can be filtered by "Vendor Name", "Product Name", "Disclosure Date", "Problem" using text patterns within input fields (just the HTML form is present)
29	3	Model	Data model defintion	As a developer I know with which fields I'm working, so I can easily solve high level requirements	The data inside the application is well defined, all attributes which are used in the application are defined (may be ERM diagram)
30	1	Frontend/ UI	Mockup for register page	As a developer, I create a mockup of the page, so I can show it to the product owner	The mockup shows fields where the user can key in his name and e-mail adress for the first time and choose a personalized password.
34	3	Frontend / UI	Registration page	As a user, I can register on the webpage, so I can get registered as a member.	Every new member of the page receives immediately a validation per e-mail to access the webpage, after a successfull registration
35	3	Frontend / UI	Login page	As a user, I can login in the to the webpage, so I can access the database.	Every user is permitted for accessing all requested data shown on the UI.
36	5	Programming	User management	As a developer, I give the user the oportunity to log in, so only the right users become access	Passwords must be keyd in correctly to get access to the webpage.
37	8	Frontend / UI	Excel Download	As a User, I can download a Excel, which shows all relevant information	Excel file with relevant information
38	5	Programming	Search List	As a Developer, I can search the uploaded List, so it is comfortable to the user	The uploaded list will be searched and shown on the output page
39	3	Frontend / UI	Output page	As a User, I can see a output page, which download a excel file	Output page with CSS which look like the input page
42		Programming		As a user, I can search for vulnerabilities using vendor/product/version names instead of their OSVDB IDs	A method that returns the OSVDB IDs correspondent to the relevant vendor/product/version
Sum:	57				

Sprint Backlog

#	Effort	Category	Short Name	Item Description	Acceptance Criteria	Responsibility	Sprint Release
18	5	Frontend / UI	Input Page	As a user, I can use an upload form to upload a list of software bugs etc., so that the single entries of the software can be searched	An HTML-upload form is shown on the startpage of the app and can be submitted by the user	Dominik	
40	8	Programming	Interface	As a developer, I can start the Java from the webpage, so I can connect them with the User interfaces	Webpage starts the java program for getting information from the Open Source database	Martin	
42	8	Programming	Query Improvements	As a user, I can search for vulnerabilities using vendor/product/version names instead of their OSVDB IDs	A method that returns the OSVDB IDs correspondent to the relevant vendor/product/version	Radi	
41	5	Programming	Output Conversion	As a developer I can convert the Database Output into a readable File	File (XML, PDF, Excel, ...) with all relevant information	Dominik	
Result	26						

Feature Archive

#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item description	Acceptance Criteria	Spalte1
#	Rel.	Sprint	Est. Effort	Real Effort	Category	Short Name	Item description	Acceptance Criteria	
1	1	1	1	1	infrastructure	code repository	As a developer, I can upload my code when I go to the website, so the others can find always the actual version	github repository created	dommi
2	1	1	1	1	infrastructure	dropbox	As a Team, we can share documents by visiting the website, so everyone has the actual documents	dropbox account created and all invited	dommi
3	1	1	3	3	infrastructure	planning doc	As product owner, I can see the status of the project by visiting the document, so I am always able to communicate informations	planning document exists	dominic
4	1	2	4	8	environment	Tomcat	As a developer, I have installed the tomcat, so i can start to connect with them	programm is installed and well known	everyone
5	1	2	3	8	environment	jUnit	As a developer, I can test easily, so i can guarantee that the features running well	junit knowledge available	everyone
6	1	2	4	8	environment	Tomcat server	As a developer, I access to the tomcat server, so I run webpages on it	access to tomcat server	everyone
7	1	2	5	5	environment	war file	As a developer, I can organize the test cases, so I have always an overview of them	war file created	dommi
8	1	2	5	5	Frontend / UI	Search page	As a user, I can visit a page where queries for vulnerabilities can be made, so I can search for relevant informations	The user can type in software name and version and press Search, without working algorithm	dommi
9	1	2	3	8	API	Access OSVDB	As a developer, I give me an overview of the organisation of API access to the OSVDB, so i can use the knowledge for further requirements	Ability to access the OSVDB	dommi
10	1	2	12	5	API	Opportunities OSVDB	As a developer, I am able to find out which information is stored in the OSVDB, so i prepare the information for the result page	Having a clear overview about what is stored in the database	radi
17	1	3	8	8	Frontend / UI	Output List	As a developer, I put the information of the database in a list, so i can visualize them for the user	The list includes "new version", "license expired", "reason not to use current version or software", "exploits"	dommi

Feature Archive

16	1	4	5	5	Bug	404 Bug	As a developer, I have to look at the bug "404 page is shown on the production server for some reason, but not in the development environment", so the product owner can access to it	the page can be opened on windows/linux/mac	radi, martin, dommi
30	1	4	2	2	Organization	Access to US National VDB	As a developer, I have to access to the database, so the user can use more databases	An account for the US National Vulnerability Database exists, an API is available, an API key is available	martin
31	1	4	2	2	Organization	Access to Russian National VDB	As a developer, I have to access to the database, so the user can use more databases	An account for the Russian National Vulnerability Database exists, an API is available, an API key is available	radi
32	1	4	5	5	API	REST API	As a developer I know how the API which will be provided looks like, so it will be easier to implement the software	The API is defined in form of a class skeleton	radi
13	1	4	5	5	Frontend / UI	Results	As a owner, i can show a mockup to the industrie partner, where he can see the first design	A mockup shows how the results should look like	martin
12	1	5	3	1	Organization	Upload List	As a product owner I have organized how the list to be uploaded should look like, so the developer can access the database	An example list is available / has been provided by Bosch	Dominic
14	1	5	5	5	Programming	Batch processing	As a developer, I can process entries of a list sequentially, so I can search them in the database	list is splitted and saved in variables	Radi, Dominik
15	1	5	3	2	Frontend / UI	Mockup for Input page	As a developer, I create a mockup of the page, so I can show it to the product owner	mockup of the input page with upload button and field and welcome text about the software	Martin
24	1	5	8	8	API	Organizing Access to OSVDB	As a developer, I have an Account to access the OSVDB, so I can solve further requirements like searching	Possibility to connect to the API or a similar simulated database	Radi, Dominik
21	1	5	5	3	Frontend / UI	Output List	As a user I can see a list of vulnerabilities at as XSLT styled XML, so I have a good overview	The list includes the following information: "OSVDB ID", "Vulnerability Name", "Link to Vulnerability", "Disclosure Date", "Problem", "Solution"	Martin

Feature Archive

28	1	6	8	5	Model	XML request	As a developer, I convert the csv-list to an XML-file, so I can send a query to the database	A XML-File with the attributes (depend on feature 26)	Martin
26	1	6	8	8	API	API XML	As a developer, I can read from the XML file the required information for a request in the database, so I can send requests to the database	Structure of the XML file for feature 28	Radi
38	1	6	5	5	API	XML output file	As a developer, I receive the output from the database and convert them to XML, so I can show results	Output XML-file from the database	Radi

Impediments

Impediment	Status
There is no access to the OSVDB possible at the moment	Done
We have no permission or licence to access the database, no access was granted	Done
the scrum process is not well understood	Done
no face-to-face communication with Bosch	Done
lack of day-to-day communication between the team members	Done
US Database opportunity to get access	Done
Access to Russian Database, no answer	Closed
Technical difficulties while connecting to the skype group call	Done
Only 2 times access to the database	Open
Dominik Krebs do not finish his tasks	Open