

|                         |   |
|-------------------------|---|
| This doc                | <a href="http://goo.gl/4AG7v">http://goo.gl/4AG7v</a>   |
| Repository              | <a href="https://github.com/thetransporter2012/amos-osvas">https://github.com/thetransporter2012/amos-osvas</a>   |
|                         |   |
| Additional<br>Materials | <a href="https://www.dropbox.com/s/tvjeczpmhmxebll/Bosch-AEY1-Amos-proposal.pdf">https://www.dropbox.com/s/tvjeczpmhmxebll/Bosch-AEY1-Amos-proposal.pdf</a>   |
|                         | <a href="https://www.dropbox.com/s/ufrh93snfbu9189/Bosch%201%20Vulnerability%20Assessment%20Service.pdf">https://www.dropbox.com/s/ufrh93snfbu9189/Bosch%201%20Vulnerability%20Assessment%20Service.pdf</a> |
|                         | <a href="https://www.dropbox.com/home?select=Backlog.xls">https://www.dropbox.com/home?select=Backlog.xls</a>   |

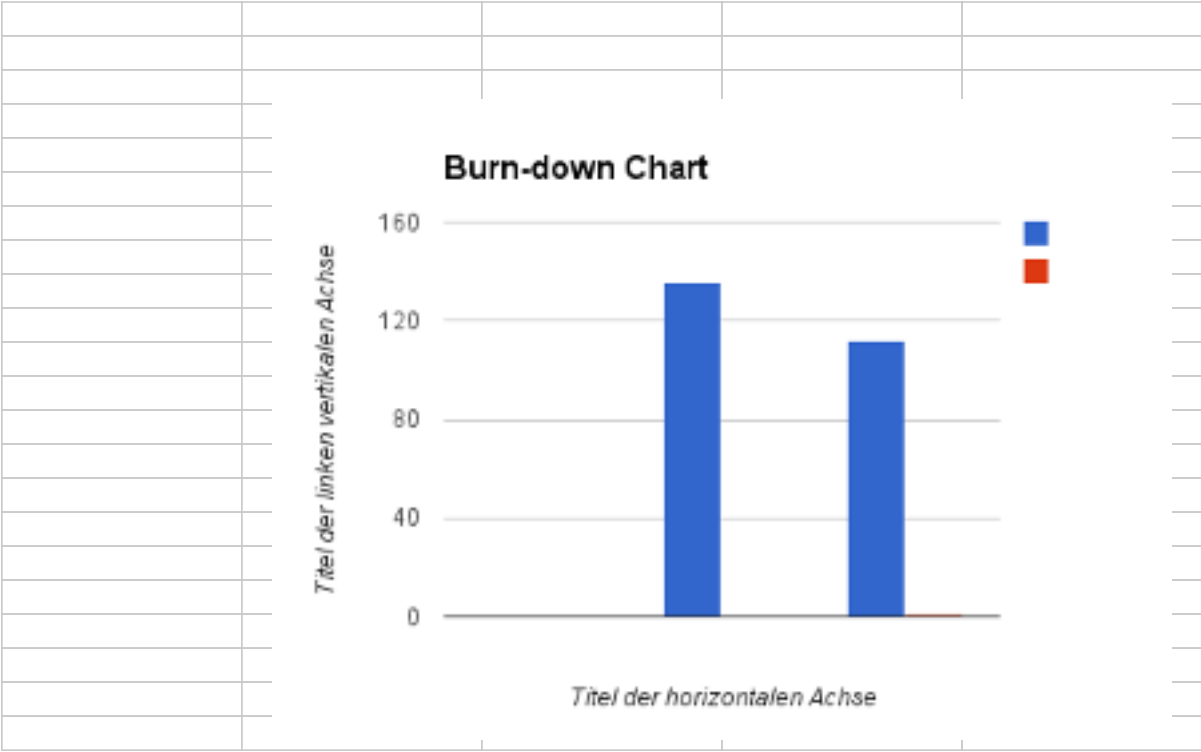
| #  | Effort | Category      | Short Name     | Item Description  | Acceptance Criteria   |
|----|--------|---------------|----------------|---|---|
| 4  | 4      | environment   | tomcat         | As a developer, I can use the environment   | programm is installed and well known                            |
| 5  | 3      | environment   | junit          | As a developer, I can test easily   | junit knowledge available                                       |
| 6  | 4      | environment   | tomcate server | As a developer, I can test my code  | access to tomcat server   |
| 7  | 5      | environment   | war file       | As a developer, I have can organize the test cases  | war file created  |
| 8  | 5      | Frontend / UI | Search page    | As a user, I can visite a page where queries for vulnerabilities can be made                          | The user can type in software name and version and press Search |
| 9  | 3      | API           | Access OSVDB   | As a developer, I give me an overview of the organisation of API access to the OSVDB                  | Ability to access the OSVDB                                     |
| 10 | 8      | API           | REST API       | As a developer, I can use the application programming interface which lets me search in the databases | The API can be called   |



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| 6      | 4      | environment   | tomcate server | As a developer, I can test my code   | access to tomcat server  |
| 7      | 5      | environment   | war file       | As a developer, I have can organize the test cases                                   | war file created   |
| 8      | 5      | Frontend / UI | Search page    | As a user, I can visite a page where queries for vulnerabilities can be made         | The user can type in software name and version and press Search, without working algorithm |
| 9      | 3      | API           | Access OSVDB   | As a developer, I give me an overview of the organisation of API access to the OSVDB | Ability to access the OSVDB  |
|        |        |               |                |  |  |
|        |        |               |                |  |  |
| Result | 24     |               |                |  |  |

| # | Rel. | Sprint | Est. Effort | Real Effort | Category       | Short Name      | Item description   | Acceptance Criteria      | Spalte1 |
|---|------|--------|-------------|-------------|----------------|-----------------|--|--------------------------|---------|
| 1 | 0    | 0      | 1           | 1           | infrastructure | code repository | As a developer, I can upload my code when i go to the website            | github repository        |         |
| 2 | 0    | 0      | 1           | 1           | infrastructure | dropbox         | As a Team, we can share documents by visiting the website                | dropbox account          |         |
| 3 | 0    | 0      | 3           | 3           | infrastructure | planning doc    | as i owner, i can see the status of the project by visiting the document | planning document exists |         |

|            |                |              |             |           |             |
|------------|----------------|--------------|-------------|-----------|-------------|
| Release    | 1.0            |              |             |           |             |
| No Sprints | 1              |              |             |           |             |
| Due Date   | 24.04.2013     |              |             |           |             |
|            |                |              |             |           |             |
| Sprint #   | Theme          | User Stories | Est. Effort | Burn-Down | Real Effort |
| 0          | Infrastructure | 1,2,3        | 5           | 136       | 5           |
| 1          | environment    | 4,5,6,7,8,9  | 24          | 112       |             |



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| Both in commercial and free open source software development the developers usually                            |
| know which open source components are integrated in their products. However, one                               |
| aspect that is often neglected is watching for known security vulnerabilities of the used                      |
| components and upgrading to have serious vulnerabilities fixed. 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.     |
| We are aware of two commercial tools - Black Duck™ Code Center and   |
| Sonatype CLM for CI  that also provide some of the functionality of VAT, but no open source solution exists as |
| of now.  |