Software development

Description

REVISION HISTORY

Date	Version	ID	Modification	Author
21.04.2013	1.0	SOFTWARE-development.docx	Creation	B. Lehmann
25.03.2015	1.1	SOFTWARE-development.docx	Update	B. Lehmann
23.04.2017	1.2	SOFTWARE-development.docx	Update	B. Lehmann

Revision

25.03.2015: add a UML state chart

23.04.2017: update description with both terms developer and team

Development

Each request is entered in the "bug Centre".

Before working on it, a developer need to accept the bug so that the bug receives the status 'assigned'. (He needs to write a comment 'assigned' and give some explanations if he has already done some work)

In case of:

- A new requirement
- A new Request for Enhancement
- A bug that implies a lot of changes in the functionality

An analysis document is then produced. The developer explains what is to be done and to gives a workload evaluation.

Bug stays in status 'assigned'

Document must be saved on the work load evaluation folder.

Otherwise, no new analysis document is required.

After that, the analysis must be discussed. When the team has an agreement on what is to be done and in which time frame ==> the developer may code.

When he has finished coding and updating the functional analysis, he sets the bug to 'Resolved' with a status as 'Fixed', 'Won'tfix'.

With a complete description of

- Release number of the module
- COC (control of changes)
- Impact on other modules
- Impact on the customer
- Remark: The sources must be saved on Subversion

The tester will then verify what has been done

It the test succeeds, the bug is set in status 'Verified'.

If not, the bug is 'Reopened'.

In both cases, the comment should contain the link to the test report.

The manager will then select the bugs that are released in the new version of the product

It the release test succeeds, the bug is set in status 'Closed".

Workflow