

Quality Assurance

Quality Assurance plan and procedures

The section describes the quality assurance procedures and plans to ensure high product quality.

The quality assurance plan will be divided into the following phases:

- Verification phase
- Validation phase
- Code Review phase

Verification phase

The verification phase should contain the following procedures:

1. Prepare the acceptance test to ensure that the functionality described in the user story works properly and as required by the user story.
2. Test the functionality using scripts
3. Test the functionality using manual testing where usage of scripts is irrelevant.
4. In case there found irrelevant behaviour in the program functionality, record the behaviour on the Confluence and let the responsible team/person know about a bug.

Validation phase

The validation phase should contain the following procedures:

1. Identify the requirements the client needs for the current sprint.
2. The assumptions made by the team during the implementation which were not verified by the client must be recorded on the confluence page.
3. If the meeting with the client has occurred, record client's feedback and comments about the assumptions.
4. Make adjustment (if any) to the previous sprint requirements based on client's feedback.

The Code Review phase.

Note: the code review is highly recommended to be completed by several people in each team to identify the possible mistakes and confusions in the code.

The code review should contain the following procedures:

- Check the completed code for the major/critical mistakes and make sure that the code is easy to understand for another person who reads it.
- If there found an unclear code part or part which potentially lead to unreliable behaviour, contact the developing person for the explanation. If the code leads to unintentional behaviour, record it on the Confluence page.