

1. Give 3 to 4 examples of acceptance testing, For software or a system of your suggestion?

My system suggestion is a social media mobile app such as Facebook. some acceptance testing could be:

- register an account.
- sign in to the account.
- upload a photo.
- add a friend.
- access the app through android and IOS

2. If you are building software for a nuclear power plant, which testing model you would choose? and why?

We can argue a lot of answers here but in our opinion. The most suitable model to test such a system is the RUP (Rational unified process). This model is usually used when a high level of safety is required as the process is very systematic and heavily reliable, which can ensure to a great extent that the system will be functioning probably.

3. Explain the customer testing role in different testing models?

In Iterative models such as (v-models, W-models and RUP): Usually the customer conduct testing in the final stages of the software development mostly acceptance testing. While in incremental methods such as agile the customer is participating in testing the system during the development process in between sprints.

4. What does the term continuous beta mean? and what is the reason behind using such an approach?

Continuous beta testing refers to providing a beta version rather than the final, fully functional system. This allows users to find and report defects while using the systems, which helps engineers optimize the system more quickly. Continuous beta testing offers a huge potential for testing resources, and as a result, the testing team receives data that is more thorough and reliable. The reason to use continuous beta is not only technical but also political as errors are to be expected, so the company won't legally be pursued when they occurred.

5. What are the most important parts of the system, that a tester should examine thoroughly?

- The parts of the system which have a high risk of failing the whole program
- The parts of the system which are processing sensitive data, such as clients' data.
- The parts of the systems which the customer prioritizes the most (can be completely different from the two above)