

MANUAL INTERVIEW QUESTIONS

Mention the key difference between sprint backlog and product backlog?

Product backlog: It contains a list of all desired features and is owned by the product owner

Sprint backlog: It is a subset of the product backlog owned by development team and commits to deliver it in a sprint. It is created in Sprint Planning Meeting

In Agile mention what is the difference between the Incremental and Iterative development?

Iterative: Iterative method is a continuous process of software development where the software development cycles are repeated (Sprint & Releases) till the final product is achieved.

Release 1: Sprint 1, 2... n

Release n: Sprint 1, 2....n

Incremental: Incremental development segregates the system functionality into increments or portions. In each increment, each segment of functionality is delivered through cross-discipline work, from the requirements to the deployment.

Explain what is Spike and Zero sprint in Agile? What is the purpose of it?

Sprint Zero:

It is introduced to perform some research before initiating the first sprint. Usually this sprint is used during the start of the project for activities like setting development environment, preparing product backlog and so on.

Spikes:

Spikes are type of stories that are used for activities like research, exploration, design and even prototyping. In between sprints, you can take spikes for the work related to any technical or design issue. Spikes are of two types Technical Spikes and Functional Spikes.

Explain what is Scrum ban?

Scrum ban is a software development model based on Scrum and Kanban. It is specially designed for project that requires frequent maintenance, having unexpected user stories and programming errors. Using these approach, the team's workflow is guided in a way that allows minimum completion time for each user story or programming error.

What testing is done during Agile?

The primary testing activities during Agile is automated unit testing and exploratory testing. Though, depending on project requirements, a tester may execute Functional and Non-functional tests on the Application Under Test (AUT).

Explain what is Velocity in Agile?

Velocity is a metric that is calculated by addition of all efforts estimates related with user stories completed in an iteration. It figures out how much work Agile can complete in a sprint and how much time will it need to finish a project.

What are the qualities of a good Agile tester should have?

A good Agile tester should have following qualities

- ☐ It should be able to understand the requirements quickly
- ☐ Agile tester should know Agile principals and concepts well
- ☐ As requirements keep changing, tester should understand the risk involve in it
- ☐ Based on the requirements Agile tester should be able to prioritize the work
- ☐ Continue communication between business associates, developers and tester is must

Who are all involved in the Agile team?

In agile the two main leads are

☐ **Scrum Masters:**

It coordinates most of the inputs and outputs required for an agile program

☐ **Development Managers:**

They hire right people and develop them with the team

Mention what are the Tools that can be useful for screenshots while working on Agile projects?

While working on Agile projects you can use tools like

- ☐ BugDigger
- ☐ BugShooting
- ☐ qTrace
- ☐ Snagit
- ☐ Bonfire
- ☐ Usersnap

Mention what is the difference between Scrum and Agile?

□ Scrum:

In the scrum, a sprint is a basic unit of development. Each sprint is followed by a planning meeting, where the tasks for the sprint are identified and estimated. During each sprint, the team creates finished portion of a product

□ Agile:

In Agile, each iteration involves a team working through a full software development cycle, including planning, design, coding, requirement analysis, unit testing, and acceptance testing when a product is demonstrated to stakeholders

In simple words, Agile is the practice and scrum is the process to following this practice.

What are the different ceremonies in Agile Scrum?

A. Sprint (or iteration) is the heart of Scrum. It calls for below ceremonies that bring structure to each sprint:

Sprint Planning

Held at the start of each sprint to define the Sprint Backlog (importing stories from the Product/Release backlog), i.e. items that can be completed in the current sprint. As you might have guessed, the Product Owner drives Sprint Planning as in which stories are highest in priority.

Daily Scrum:

Presided over by the Scrum Master, Daily Scrum is a 15-minute stand-up meeting to synchronize the work of team members, i.e. what's done on the prior day, what needs to be done today, and identify any impediments. It is also a means to track Sprint progress.

Sprint Review:

Held at the end of each sprint to demonstrate the added functionality. The goal is to get feedback from the product owner and other stakeholders to ensure that the delivered increment met the business need and to revise the Product Backlog based on the feedback.

Sprint Retrospective:

Held at the end of each sprint to reflect on the completed sprint and identify opportunities to improve in the next – what went well, what did not and what can be improved. It allows the team to focus on its overall performance and identify strategies for continuous improvement.

Do you have working experience in an Agile environment? What's your Team composition?

A. We do follow Scrum methodology with 2-week sprints including Sprint Planning, Daily Stand-ups, Demo sessions & Sprint reviews. The roles include,

- **Product Owner:**

Champion for Business! The communication bridge b/w the team and stakeholders – writes customer-centric user stories, prioritize, maintains Product Backlog, Demo sessions, define releases, communicates team status, etc.

- **Scrum Team:**

Champions for sustainable development & QA! Responsible for delivering potentially shippable increments of product at the end of each Sprint. A mix of software engineers, architects, programmers, analysts, QA experts, testers, and UI designers.

- **Scrum Master:**

Champion for Scrum! Coach the team, the product owner, and the business on the scrum process and look for ways to fine-tune their practice of it.

Scrum team is the car, product owner - the driver and Scrum Master - the chief mechanic :-)

Explain how can you implement scrum in an easy way to your project?

These are the tips which can be helpful to implement scrum in your project

- ☐ Get your backlog in order
- ☐ Get an idea of the size of your product backlog items
- ☐ Clarify sprint requirement and duration to complete the sprint backlog
- ☐ Calculate the team sprint budget and then break requirements into tasks
- ☐ Collaborate workspace- a center of all team discussion, which includes plans, roadmaps, key dates, sketches of functionality, issues, log, status reports, etc.
- ☐ Sprint- Make sure you complete one feature at a time before moving on to the next. A sprint should not be abort unless if there is no other option
- ☐ Attend a daily stand-up meeting: In meeting you need to mention, what have been achieved since the last meeting, what will they achieve before the next meeting and is anything holding up their progress
- ☐ Use burndown chart to track daily progress. From the burndown chart, you can estimate whether you are on track, or you are running behind
- ☐ Complete each features well before moving on to the next
- ☐ At the end of the sprint- hold a sprint review meeting, mention what is achieved or delivered in the sprint.

- 1] Agile Methodology?
- 2] Different in V Model and Agile Methodology?
- 3] What is Non Functional testing
- 4] Explain Black Box , White Box and Grey box testing?
- 5] Difference between Black and White box Testing?
- 6] What is Smoke Testing?
- 7] Different between Smoke and Sanity Testing?
- 8] Do you know V model? Explain .
- 9] Different between Verification and Validation?
- 10] How many types of Testing are there ? Explain
- 11] Can you explain Functional Testing? Explain Behavior Coverage, input domain coverage, Error handling, Backend, Service level, Calculation base coverage.
- 12] What is difference between Quality control and Quality Assurance?
- 13] What is Quality control ? is it similar to quality assurance?
- 14] Explain Difference between Alpha Testing and Beta Testing?
- 15] What is Exploratory testing?
- 16] Security testing?
- 17] Explain User Acceptance Testing?
- 18] Explain Regression Testing and Re- Testing?
- 19] Explain Priority and Severity? Give exapme of priority and severity?
- 20] What is SDLC?
- 21] Explain STLC?
- 22] What is Review ? Do you involved in review?
- 23] Explain Error- Defects-Bugs-Issue.
- 24] What is different between SDLC and STLC?
- 25] Different Between System Testing and Integration Testing?
- 26] What is traceability Matrix? Do u in volved in traceability matrix?
- 27] How can you move Test case to Test plan?

- 28] When you would come to know that Testing is completed?
- 29] What is API Testing? Which tools do you use?
- 30] When should you go for Manual Testing Over Automation Testing?
- 31] What is TOP-Down and Bottom -UP approach in manual Testing?
- 32] Can we do system testing at any stage?
- 33] What are the different Test Level?
- 34] Explain agile test plan?
- 35] How you design Test Case?
- 36] Role and Responsibilities of SRS/ Test Engineer?
- 37] Different between test cases and test scenarios?
- 38] Which test case format do you follow?
- 39] Review of test case?
- 40] Which Defect Management tool you have used?

Ans- Jira

- 41] Where do you write the test cases...

Ans-EXCEL sheet or HPLAM TOOL

- 42] What is the test case format of HPLAM tool?
- 43] Explain Weekly status format and every day report status format?
- 44] How you send the defect?
- 45] If you occurs a duplicate defect what will you do?
- 46] What is defect management meeting?
- 47] What is scrum meeting? Where you involved.
- 48] What are Different ceremonies in Agile scrum?
- 49] What was the Duration of your Sprint?
- 50] What exactly you are Testing in Automation?
- 51] Which sprint you are Automating..?

N-1 sprint we automate

52] Pls explain sprint planning, Daily Scrum, Sprint Review, Sprint Retrospective?

53] What is Test plan? Who reviews the Test plan? Types of Review.

54] Prepare how to write Test cases Positive and Negative Scenario?

55] Different testing terminology?

56] How do you receive the build?

ACCELERATION

API

What is Api testing?

Difference between soapUI and Postman tool ?

What are the http methods supported by Rest ?

What are the protocol used by API testing ?

What are the components of https request ?

Can we used GET request instead of PUT request ?

Which tool we used for API Testing.. Postman Tool we used ?

Difference between http and https ?

Different between PUT and POST ?

Difference between PUT and PATCH ?

What is Restful web services ?

What is diff between Soap and Rest Api ?

What are Major challenges face during Api testing ?

What exactly need to verify in Api testing?

Explain different status code in Api testing ?

What are the types of bugs that can be found during Api testing ?

Difference between web services and Api ?

Disadvantages of Api ?

Disadvantages of web services?

To do automation of Api testing we use Rest assure library ?

SQL

- 1] What is SQL?
- 2] Different between delete ..drop and truncate?
- 3] Explain DML and DDL command ?
- 4] How you can remove duplicate from column in SQL?
- 5] Explain join ?
- 6] Explain constraints ?
- 7] Difference between primary key any foreign key ?
- 8] Difference between primary key and unique key ?
- 9] Explain Aggregate function?
- 10] To find second highest maximum salary ?
- 11] To find Third Highest salary ?

UNIX

When we use Unix command?

LS Command?

CD command

MKDIR command?

VI editor?

CAT command?

CAL command?

DATE Command?

RMDIR Command?

RM command

WC Command ?

LESS Command?

CP Command ?

MV Command ?

TOP Command ?

CHMOD Command ?

TAIL Command ?

GREP Command?

PWD Command?

PIDOF Command?

HEAD command?

FIND Command ?

FTP Command ?