Hi I am is Barkavi. I am coming from Chennai. I have been working as Junior-Quality Analyst at Solvedge tech private limited. I have 2 plus years experience in manual testing and working on multiple projects involving web and mobile based testing. Currently I am working in healthcare domain.

**Black box testing?**

It is testing process to check the functionalities of the software application by using testing types called functional testing, system testing, regression testing and integrating testing etc…

**Functional Testing?**

It is a testing process to check the functionalities of the software application as per the client requirement.

**Regression Testing?**

Re- executing the old test cases in order to ensure that newly added features or functionalities is not causing any impact in old features or old functionalities.

**Integration Testing?**

Combining the two modules and checking the data flow in two modules.

**System Testing?**

It is testing process performed to evaluate the complete system compliance against specified requirements. In System testing, the functionalities of the system are tested from an end-to-end perspective.

**Defect Life cycle?**

New

Assigned (Open) Rejected, duplicate, deferred, Not an issue

Fixed (Retest pending)

Reopen

Verified (Closed)

**Unit Testing?**

It is testing process performed by developer before releasing the software application to QA team.

**Smoke Testing?**

It is testing process in order to find any blocker or show stopper in the software application and also it verifies whether the application launches successfully where the built is working as we expected.

**Sanity Testing?**

It is testing process to check the functionalities /bugs When there is any code changes or any functionality changes in software application.

**RTM ?**

Requirement traceability matrix is a document which is used to validate the test cases are linked with the requirement and this helps all the requirements are covered in testing phase.

**Defect Resting?**

Re-executing the failed test cases whether it is working as expected.

**Entry Criteria?**

Entry criteria is the pre requisite conditions it must be completed before starting the testing.

**Exit Criteria?**

Exist criteria is defined conditions it must be completed in testing concluded.

**Boundary Analysis?**

This is a process to be performed in around the boundary values. It involves 4 valid inputs and 2 invalid inputs.

**Adhoc Testing?**

Testing is performed randomly without any test cases in order to break the system.

**Alpha Testing?**

It is a testing process to identify the bugs in the software application before releasing it to end user. It takes place at the developer's site by the internal teams.

**Beta Testing?**

Beta testing is performed by Clients or End Users who are not employees of the organization. Beta testing is performed at a client’s environment.

**Project Details:**

**Recovery Coach:**

Recovery Coach is our project and it is health care application which is web and mobile based application.

In that application they will guide the patient’s entire surgical journey that is before and after surgery.

The application was classified into two portals one is for patients and other one is for Hospitals staffs like CN/CC, surgeon, Nurse etc…

At first stage CC/CN will add a patient either before or after surgery. Hospital staffs will track the patients up to one year from the date of surgery.

For patients who are confirmed with a surgery while adding the application.

Care navigators will track the patients in 4 different stages

If the patients don’t have any surgery, they will fall under

1. Non surgical stage

If the patient have surgery date in future, they will fall under

1. Prepare for surgery

If the patient’s surgery date is in past that is if they complete their surgery, they will fall under

3.Recovery

If the patient’s surgery was completed 90 days before that is in past, they will fall under

4.Follow

CC/CN will provide documents, Exercise videos and surveys for each and every stages which the patients have to follow and complete it.

CC/CN will send notifications and appointments remainders for the patients.

**Onboarding:**

Rc onboarding portal is a web-based application which acts as an admin module in which we can add recovery coach set up for the clients.

While adding the hospital/practice the client managers will get all the information about them regarding staffs like care navigators, surgeons, admin, patient enrollers etc….

The client managers will also get the service line /SOS details about the hsp and practice.

The client can also select their own care cards in activities module that is they can turn on/off the cards.

**STLC? (Software Testing life cycle)**

Analyzing the requirement

Test planning

Preparing test cases

Test environment

Test execution

Defect reporting

Test closure

**SDLC?((Software Development life cycle)**

Analysis

Design

Coding

Testing

Deployment

**What is Agile?**

It is a software development methodology where the requirement are delivered incrementally all in once.

**What is scrum/scrum process?**

It is the process of meeting in which the team members describes about

* What they have done since last scrum
* What they plan to do before the next scrum.
* Also they discuss about the issue that need to be resolved.

**What are scrum roles?**

Scrum master

The product owner

Team members QA Team and Development Team.

**Scrum Master roles and responsibilities?**

* Daily scrum meeting
* Iteration/sprint plan meeting
* Clearing doubts or blocker if there is any doubts regarding the requirement.
* Establishing the environment in which the team can be effective.
* Maintaining good relationship between team and product owner.

**What is sprint?**

With the time based iteration planned amount of work has to be completed by the team and mode ready.

**Iteration?**

In scrum iteration are called sprint and they may be 1 to 2 weeks. In this iteration –Analysis, design, development, testing everything will be completed.

**Component Testing?**

It is a testing process performed on each individual component seperactly without integrating with other components.

**Exploratary Testing ?**

It is a testing process where test cases are not created in advance but checking the system on the flow.

* Functionalities are checked in adhoc manner
* Widely used in agile methodology.

**User Acceptance Testing?**

It is a testing process performed by the client to verify the software requirement before moving the application to the production environment.

* UAT is done in the final phase after integration, Functional ect..
* Main purpose of UAT is to validate end to end business flow.