**Project Overview and the prepared content for TITAN Interview**

**Self-Introduction:** My name is Pranathi, and I have completed my graduation with the aggregate of 73%. I have been associated with Kairos technologies since April 2021 with the experience of 2.1. I have worked on 2 projects, and I am Well-versed in all stages of the Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC), and Bug Life Cycle (BLC). I have been involved in all Testing activities, understanding of requirements, designing of test cases, test execution, logged defects, identified defects, and involved in smoke and regression testing.

Coming to my roles and responsibilities as my projects were of agile methodologies, I used to involve in sprint planning meetings where user stories are been allocated. Then I started the designing of test cases according to the user stories and then I used to test them. Once in testing if I have found any defects then I use to raise them in JIRA and use to retest them, and if they were fixed, I used to close them. Also, I used to attend the daily stand-up call and retrospective meetings and used to give my status on what I have worked. Also, I have performed smoke tests on daily basis and give the results to our TL.

**Frontier:**  Frontier is a purely telecommunications domain that offers services like broadband, Tv packages to their customers. It has both mobile and web applications.

The main modules I have worked in frontier mobile application are:

1. Pay a Bill
2. Autopay Enable

So, here I used to check the flows like whether the customer can pay the bill or not from his cards/accounts and also enable to generate the payed bills.

Also, to check whether the printed bill or paperless bill is generated upon selecting.

In this frontier there is another module called partner portal which is based on web application.

Partner portal is nothing but where partner will communicate with users to sell their frontier products. I have worked on two modules in this partner portal. They are:

1. Acquisition (ACQ)
2. Affordable connectivity Program (ACP)

ACQ is a normal flow where the customer can choose their certain plans. ACP is followed by the Govt. of USA where if the customer can’t afford the price and opts for this scheme.

In this project we use to test the flows like:

1. Quote submission
2. ACP quote submission
3. To edit/resume the flows before the quote submission.

Use to create test plans for the JIRA requirements and use to import them in Accel’Q.

**Day to Day Activities:**

1. User story discussion
2. Assign user stories (TL)
3. To start designing the test cases.
4. Once the test cases designing done TL will review it and approve it.
5. Once approval I will start testing and report the bugs if any in JIRA.
6. I will assign the bugs to TL
7. At the end we will be having bug triage call and will be discussing about the bugs with defects.
8. Also, involved in daily stand up’s and use to update the status on what we have worked.

**Minnwest:** Minnwest is a banking domain that addresses the needs of retail banking, consumer loans, business banking and opening of new accounts. We can also manage accounts, transfer money, find ATM’s and branches and also we can deposit cheques. As a part of digital banking platform Spotlight which is formerly known as customer 360 is a solution setup and to maintain customer employee-relationship.

Real Time example of Minnwest banking we can say is HDFC, SBI etc where we use in our daily lives.

As a part of Minnwest banking I have worked on some modules. They are:

1. Transfer
2. Transfer Activities
3. Schedule Transfer
4. Account Settings
5. Transfer: To transfer amount from one to another account.
6. Transfer Activities: All the transactions will be displayed under transfer activities.
7. Schedule Transfer: We can schedule the transfers monthly, weekly etc.
8. Account Settings: We can view or edit the account preferences and can set the account to default.

**Day to Day activities:**

1. Worked on Mac book safari.
2. Used to execute the test cases for the above modules.
3. Report the bugs in Azure DevOps and reporting the raised bugs to TL.

**Fields In JIRA:** To raise a bug:

1. Add comment
2. Assign
3. More
4. Move
5. Clone
6. Create sub task.
7. Status
8. Issue Blocked
9. In Progress
10. New
11. Closed
12. Testing
13. Dashboards
14. Projects
15. Issues
16. Boards
17. Search bar
18. More

**What is Agile Process:**

Agile process is a methodology where the same kind of process is repeated. We can define that process as Incremental and Iterative.

Agile Features:

1) Customer no need to wait for long time.

2) We develop, test and release piece of software to the customer with few numbers of features.

3) We can accept/accommodate requirement changes.

There will be good communication between BA, Testers and Devs.

Agile is a defined process where we need to follow only these principles.

**Scrum:** Scrum is nothing, but it says that how we need to follow the Agile Principles.

In Scrum process there are some people will be involved:

1. Product Owner
2. Scrum master
3. Dev Team
4. QA Team

Scrum Master: The main role of facilitating and driving the Agile process.

Terminologies:

1. Product backlog: contains list of user stories. Prepared by product owner.
2. Sprint/Iteration: Period to complete the user stories, decided by the product owner and team, usually weeks of time.
3. Sprint planning meeting: Meeting conducts with the team to define what can be delivered in the sprint and duration.
4. Sprint backlog: List of committed stories by Dev/QA for specific sprint.
5. Scrum meeting: Meating conducted by Scrum Master everyday 15 mins. Called as scrum call/Standup meeting. What did you do yesterday? And What will you do today? Or are there any Challenges in your way?
6. Sprint retrospective meeting conducts meeting after completion of sprint. The entire team, including both the ScrumMaster and the product owner should participate.

**What is Integration Testing?**

Integration testing is nothing but the testing btw two modules.

For example: Minnwest banking.

In Minnwest banking there are 2 applications. OLB and Spotlight which is used for admin side.

So, here if a customer will report an issue through the help desk It needs to be reflected in Spotlight (Admin).

Hence, we will be checking here whether the sent message of the customer from OLB is reflecting in this spotlight or not.

This is known as Integration Testing.

**What is Smoke Testing?**

Smoke Testing is also known as Build verification testing. So, we will perform the smoke test initially to check if the build is stable or not.

**What is Sanity testing?**

Sanity testing is the testing performed once after the bug is fixed and known as subset of Regression Testing.

**What is Regression Testing?**

Regression Testing is a test performed when the new change of code is impacting on the existing code or not.

**What is End-to- End Testing?**

End-to- End testing is a process where we will test the application flow based on end-to-end scenarios.

**What is functionality Testing?**

Functionality testing is also known as system testing where we will test the functionality of that application as per the client requirement.

**Mobile Application Installation:**

1. Supported OS
2. Supported Device
3. Supported Network
4. App store/Play store
5. Direct download/itunes(Test Flight)
6. Power off/Low battery
7. Multi-tasking while installation
8. Lock/unlock during installation.

**Difference btw Web application and Mobile application.**

1. A web application is browser-based application with the good size and screen resolution.
2. Mobile applications are only installed on mobile devices.
3. Mobile applications contain .apk extensions.
4. Web application is more rapid than Mobile applications.

**Smart Watches uses:**

1. heartrate
2. step count
3. Oxygen levels
4. sleep measurement
5. calls
6. messages
7. We can customize wallpapers.
8. Can see the notifications.

**Bluetooth scenarios:**

1. Verify that Bluetooth device has power supply On/Off functionality.
2. It should be able to search the nearby devices when it is On
3. Verify the mic is working or not.
4. To check that we can pair with any smartphone Android/iOS.
5. We can check the quality of the audio once after connecting to the blue tooth.
6. Check whether we can connect to the smart watches or any wireless devices.

**Negative scenarios:**

1. Invalid Pairing
2. Pairing time out
3. Unsupported version
4. Out of range connection