**How would the quality be assessed?**

Longhorn Phone Corporations implementation of their on premise, private cloud needs to be assessed for good quality. This company has never had a project of this scale or of this type done before, let alone internally led. Therefore, it is that much more important the quality is assessed at regular intervals to make sure the project meets the expectations of the users.

There are several factors that need to be assessed. For example, functionality needs to be assessed. Can the users actually access and use their software? Can users still access word processing, publishing, etc? All the functionalities defined as project requirements in the project scope and project charter need to be assessed. Similarly, design and performance also need to be tested. Is the user interface still friendly? Is the user interface similar to what it was before when the software was localized? Is the system meeting the speed criteria? How long does the presentation software take to open on the desktop? In terms of reliability and maintainability, it is important to test that the software are working a specified percentage of the time, if not all the time, at different times of the day. When everyone is accessing the SharePoint Sites, are they still working and are they still quick? This way, the network load and connection to the private cloud is also tested. The system also has to be able to be maintained by the internal IT team, and the quality assessment should ensure that is possible as well.

Quality audits would be one method to assess the quality level of the project. This audit can be conducted at different times during the project to give useful feedback to the project team. A checksheet is especially useful as a feedback document to let the project team know exactly what does not meet the acceptance criteria in terms of quality. There are other quality methods that can be used according to which situation arises. For example, a Pareto Chart can be used to identify the 20% of the root cause that results in 80% of the quality problems.

**Assumptions Log**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | In-house Cloud Migration | **Date** | 10/31/2018 |
| **Project Team** | Karuna, Naresh, Rhea, Shuang | **Project Owner/Client** | Longhorn Phone Corporation |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Serial No.** | **Date Identified** | **Assumption** | **Validation Assigned To** | **Validation**  **Due Date** | **A. Valid?**  **(Y/ N)** | **Status / Comments** |
| A-1 | 10/01/2018 | The in-house cloud is equipped to store the current applications and services in use, in addition to newly developed services. | Karuna Kankani; System Analyst | 10/15/2018 | Y | NA |
| A-2 | 10/08/2018 | During the transition phase, all new developments on the backend will be undertaken in isolation and will not affect the daily business functions. | Naresh Choudhary; Programmer | 10/18/2018 | Y | NA |
| A-3 | 10/08/2018 | The service functionalities will remain unaltered when migrated to the cloud. | Rhea Sharma; Project Manager | 10/18/2018 | Y | Some initial bugs developed in a service which were removed. |
| A-4 | 10/08/2018 | The cloud allows scalability in terms of number of users depending on requirement. | Naresh Choudhary; Programmer  Karuna Kankani; System Analyst | 10/15/2018 | Y | NA |
| A-5 | 10/01/2018 | All migration to the cloud will be secure. The data shifted to the in-house cloud will be private and protected. | Shuang Li; Security Analyst | 10/18/2018 | Y | NA |
| A-6 | 11/05/2018 | Hardware delivered timely for the migration to go through. | Rhea Sharma; Project Manager  Karuna Kankani; System Analyst | 11/10/2018 | Y | NA |
| A-7 | 11/15/2018 | Hardware compatible with the private cloud. | Shuang Li; Security Analyst  Karuna Kankani; System Analyst | 11/22/2018 | Y | NA |

**Constraints Log**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | In-house Cloud Migration | **Date** | 10/31/2018 |
| **Project Team** | Karuna, Naresh, Rhea, Shuang | **Project Owner/Client** | Longhorn Phone Corporation |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Constraint ID** | **Date Raised** | **Constraint** | **Impact on Project** | **Involved Parties** | **Assigned To** | **Status** |
| C-1 | 10/08/2018 | Resource availability from parent company. | Impact on cost and resources | Longhorn Phone Corporation; Resource Management team | Rhea Sharma; Project Manager  Shuang Li; Security Analyst | Closed |
| C-2 | 10/22/2018 | Feedback or complaints regarding the functionality of any module of the new or existing system should be reported within two weeks. | Impact on quality, schedule and cost | System users; Corporation employees | Karuna Kankani; System Analyst  Naresh Choudhary; Programmer | Closed |
| C-3 | 10/18/2018 | Third party vendors and softwares cannot access the cloud without prior approval. | Impact on cost, security and schedule | Security team; Corporation employees; the Corporation | Shuang Li; Security Analyst  Naresh Choudhary; Programmer | Closed |
| C-4 | 11/15/2018 | The project needs to be completed within 6 months. | Impact on schedule, cost and organisational requirement | Longhorn Phone Corporation; System users and employees | Rhea Sharma; Project Manager  Karuna Kankani; System Analyst | In progress |
| C-5 | 11/05/2018 | Vendor availability for hardware. | Impact on schedule and cost | Project team; Vendor of desktops | Rhea Sharma; Project Manager | Closed |