|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Weather Station Maintenance Event Table** | | | | | |
| **Event** | **Trigger** | **Source** | **Use Case** | **Response** | **Destination** |
| 1. Technician wants to check offline weather stations. | Status check | Technician | Read offline weather station. | Check offline weather stations. | Technician  Database |
| 1. Technician wants to do various operations on the service report | New report  Update report  Search Report  Delete Report | Technician | Service Report Handling | Creation of service report  Update of service report  Search of service report  Delete of service report | Technicians  Database |
| 1. Technician wants to do various operations on the entries | New entry  Update entry  Search report  Delete report | Technician | Weather Station Entry Handling | Update of entry  Search of entry  Delete of entry  Creation of entry | Technician  Database |
| 1. Technician wants to troubleshoot through phone | Weather station is broken | Technician  Site Manager | Troubleshoot through phone | Conversation through phone and it is log | Technician  Site Manager |
| 1. Technician wants to make sure that weather machine is operational\* | Check status for confirmation | Data Quality Team | Double check for working weather station | Presents status to the technician | Technician |
| 1. Alerts when weather station is offline or broken. | Broken weather station | Alert System | Alert Technicians | Confirm and record the alert | Technician |
| 1. Error occur on the weather machine./6 | \*Error occurred | Weather Machine | Present error of weather machine | Error code is recorded and presented. | * Weather Machine * Technician |
| 1. Technician wants to schedule for site visit | Site Visit is mandatory | Technician | Scheduling for site visit | Schedule is created | Technician |