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| **Weather Station Maintenance Event Table** | | | | | |
| **Event** | **Trigger** | **Source** | **Use Case** | **Response** | **Destination** |
| 1. Technician wants to check offline weather stations. | Status check | Data Quality Team | Read offline weather station. | Check offline weather stations. | Technician |
| 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 | Database |
| 1. Technician wants to troubleshoot through phone | Weather station is broken | Technician | Troubleshoot through phone | Conversation through phone and it is log | Site Manager |
| 1. Technician wants to make sure that weather machine is operational | Technician wants to double check | Data Quality Team | Double check for working weather station | Presents status to the technician | Technician |
| 1. Error occur on weather machine and sets off the alert | Broken weather station | Weather Station | Alert and presentation error of weather machine | Confirm and record the alert and error | Technician |
| 1. Technician wants to schedule for site visit | Site Visit is mandatory | Technician | Scheduling for site visit | Schedule is created | Technician  Site Manager |
| 1. Technician wants to forward to Tech Head for checking | Service report is finished | Technician | Checking of service report | Service report is checked | Technician Head |
| 1. Data Quality Team wants to have a weather station fixed | Weather Station needs maintenance | Data Quality Team | Request for service and maintenance on broken WS | Service request submitted | Technician |