Weather Station

Context Diagram

Conduct maintenance

CRUD Report

Technician

Weather station is broken

Preventive-

Maintenance

System

0

Service report is finished

Weather Station needs maintenance

Double check for functionality

Site Visit is mandatory

Site Manager

Status Check

Data Quality Team

Diagram 0

Double check for functionality

Check offline weather stations.

Data Quality Team

Weather Station

Site Manager

Weather station is broken

2

Maintenance on broken weather station

1

Confirm and record the alert and error

Technician

Weather Station needs maintenance

Status Check

CRUD Report

Service Report Handling

3

Checking and Error presentation of Weather Station

Broken weather station

Service request submitted

Conduct maintenance

Checking of service report

Service report is finished

4

Site Visit is mandatory

Service report is checked

Technician Head

Presents status to the technician

Conversation through phone and it is log

Diagram 1

Broken weather station

Confirm and record the alert and error

Alert and presentation error of weather machine.

1.2

Weather Station

Check offline weather stations.

Technician

Status Check

Read offline weather station.

1.1

Data Quality Team

Weather Station needs maintenance

Request for service and maintenance on broken WS

1.3

Service request submitted

Diagram 2

Site Manager

Technician

Troubleshoot through phone

2.1

Schedule is created

Site Visit is mandatory

Scheduling for site visit

2.2

Convo\_Log

Conversation through phone and it is log

Weather station is broken

Conduct maintenance

Schedule is created

Conduct maintenance

Weather Station

Presents status to the technician

Data Quality Team

Double check for working weather station

2.3

Double check for functionality

Diagram 3

Delete of service report

Update of service report

Creation of service report

Search of service report

Delete report

Update report

Search Report

New report

Delete service report

3.4

Service Report Database

Update service report

3.3

Create service report

3.1

Read service report

3.2

Technician