

Infonech Software Pvt. Ltd.

Problem Statement 1:

An audit has been scheduled and the Field Technicians of Region A have been assigned to perform Audits on various sites on different days as per the schedule plan. The field technicians need a mobile interface to perform the following actions:

1. View the Calendar Schedule on the App to check which site is to be audited and when
2. View the list of existing assets after visiting the site scheduled for today
3. Make changes to the data of existing assets if required
4. Mark the existing assets as missing if they are not able to find an asset reflecting in the system but not on the actual site
5. Add new assets to the site by capturing the following information:
 - a. QR Code of the asset
 - b. Images/Videos/Documents associated with an Asset
 - c. Asset details like: Manufacturer (drop-down), Model (drop-down), Capacity (number), Serial Number (text), Type (drop-down), UPL Code (text), MIC Code (text)
 - d. Child/Sub Child Assets (mapping available in page 2) and their details also as mentioned in sub-points a to c
6. Field Technician should be able to add 200 to 500 assets
7. Field technician should be able to save the collected data and continue again after some time or on some other date

Parent Asset and Child Asset Mapping:

Parent-Child Asset Mapping		
Parent Assets	Child Assets	Sub-Child Assets
Tower	Poles	MW Antenna
		RF Antenna
		RRU
Generator	Generator Canopy	NA
	Generator Alternator	NA
	Generator Engine	NA
	Generator Battery	NA
	Generator Fuel Tank	NA
Battery Bank	Battery Cells	NA
Rectifier Cabinet	Rectifier Modules	NA
Solar System	Solar Panel	NA
	Solar Structure	NA

	Solar Storage Box	NA
Main Distribution Board	NA	NA
Step Down Transformer	NA	NA