

## Synopsys

# Emergency Maintenance Reporting Application for PDD Department Pulwama

- **Name of the app (if decided):** Emergency Maintenance Reporting Application
- **Name of department / sector:** PDD Department Pulwama
- **Target Audience:** Local Public
- **Objectives:**
  1. Online Application provides public a user-friendly interface to report accurately emergency maintenance services and incidents related to electricity supply in the district. The user can click and upload the geo tagged pictures of the problem/incident area using this application.
  2. The list of emergency maintenance reporting by public may be :-
    - a. Overhead Line Breakdown
    - b. Unsafe Line Installation
    - c. Tree Branch Touching Line
    - d. Electric Pole Damaged
    - e. Insulator Damaged
    - f. Shock from Electric Pole
    - g. Service Line Breakdown
    - h. Transformer Failure
    - i. Transformer Sparking
    - j. Transformer Fuse Breakdown
    - k. Meter Burnt.
    - l. High Voltage
    - m. Low Voltage
    - n. Voltage Fluctuation
    - o. No Power Supply
    - p. Incidents/Accident/Death
    - q. Others
  3. The emergency maintenance reporting applications alerts concerned XEN PDD by sending the SMS showing details of emergency reported by user. The verification of reported request will be verified by nearest authority e.g Lineman.
  4. Admin / XEN PPD Pulwama can also login into the system and see details of emergency maintenance reported by user and immediately depute the emergency teams to the area for maintenance.
- This application captures the GPS Coordinates of the area while reporting for emergency services so that officer can easily locate the problem area.
- **Benefits to the end-user:**

Online Application provides public a quick and user-friendly interface to accurately report the emergency maintenance services and incidents related to electricity supply in the district to concerned authorities.
- **Platform / Technology to be used:** PHP, MYSQL, PHP REST API, Android Studio
- **Future Scope:** The application can be extended to other departments also like, Jal Shakti, ULB and PWD departments.