INTRODUCTION:

As the digital world is growing exponentially, the need is to be able to adapt to the technology. From the very beginning of his election campaign, Our Indian Prime Minister has spoken about building smart cities in India. The promise has always been part of the great vision to make this India’s century, alongside it is not possible to develop all at a single time. But not much had been done, so to part of development we are coming with one solution and we mainly we here concern about electricity and garbage collection.

When coming to point of electricity in our country maintain of electricity management very poor. We have or facing many problems like street light whether it is working or not, transformers short circuits, wiring, sparking, fell of electric pole like etc. and when we take city cleaning i.e. Garbage collection we have problems like waste dump, overfill, water over raising from manhole etc. We have solution for all these problems but thing is it long process to solve. Hence we face lot of problems by that.

To avoid that we coming with new approach by this application. To solving these our vision of an urban space that is ecologically friendly, technologically integrated and meticulously planned, with a particular reliance on the use of information technology to improve efficiency. In most parts of the world, the idea begins with using digital technology to make a city more efficient and to improve wellbeing.

Traditional ideas of smart cities suggest lots of data collection, using sensors – electricity, gas, water, traffic and other government analytics – that can be carefully compiled and integrated into a smart grid and then fed into computers that can focus on making the city as efficient as possible.

Fig 1: Street View
Most of the cities adopted the electricity supply by wire connections, and problem created by this system like (We have or facing many problems like street light whether it is working or not, transformers short circuits, wiring, sparking, fell of electric pole) very risky so we should aware of that.

Most of the cities adopted the underground drainage system and it is the duty of managing station (Municipal Corporation) to maintain cleanliness of the cities. If the drainage maintenance is not proper the pure water gets contaminate with drainage water and infectious diseases may get spread. The drainage gets blocked during rainy season, it will create problem for routine life such as traffic may get jammed, the environment becomes dirty, and totally it upsets the public. Suppose if there should be a facility which would be there in Municipal Corporation (managing station) that the officials come to know immediately after blocking of drainage in which area and the exact place where it is blocked and it also informs if the manhole lid is open.

To overcome this problem we develop an Android application. This Application can download by public and they can inform to related department for that Problem through the Application.

**OBJECTIVE:**

**Simple Smart Connected City App** is an Android Application aimed to Facilitate Communication Support to General Public / Citizens who face day-to-day problems and issues like Failure of street lights, Electric pole damage and other issues including Water supply, Drainage system etc.

Currently available Smart cities Apps use the concept of large voluminous data collection by using sensors for facilities like Electricity, Water and Traffic management. This large data needs an additional overhead of compilation and integration into existing infrastructure. This entire process is cumbersome and poses lot of data management issues. In addition, end-users, stake holders and general public have minimum control and options.

By using Simple Smart Connected City App, users and general public will be able to notify / communicate the day-to-day issues seen and alert the department staff to take necessary actions and create a better living lifestyle and better city to live-in.

Simple Smart Connected City App uses technologies including Android OS, MySql, Eclipse and SOAP.

Benefits from this project includes Targeted Communication there by reducing the waiting time for the public to ensure that concerns reach the right department on-time and in very a simple manner achieving Effective & Efficient connected communication. Over head of open communication, repetitive follow-up are totally reduced.

**PROBLEM STATEMENT:**

General public do not have simple targeted communication methods to notify the issues and problems to concerned departments for an immediate action.
METHODOLOGY:

A. Project Requirements
   a) Hardware Requirements
      • Display Screen: 1024x768 or higher-resolution Mobile handset
      • Operating system: Android (Version 2.3 or higher)
   b) Software Requirement
      • Android SDK
      • Eclipse
      • Android Emulator
      • Language: Android, JAVA, SOAP
      • Database: Mysql
      • Web Server: Apache Tomcat 7.0

B. Implementation
   Proposed system has Modules for First time user registration and existing users to Login. These modules maintain Public Dataset, Login credentials and Authentication mechanisms.
CONCLUSION:

SIMPLE SMART CONNECTED CITY App, an Android App will help in effective communication with government departments and reduce the waiting time and improve the lifestyle. Traditional methods of huge data collection are reduced and usage of eco-friendly digital technology will create Smart Cities. Day-to-day problems will be communicated to the right departments and improve the turnaround time.

FUTUREWORK:

1. Improving the admin user interface.
2. Deploying for an Amazon server.
3. Enhance more Emergency services like by proving near hospital number in case of accident.
4. Can include feature like SOS, News Updates.
5. Proving simple and easy to understand interface for the senior citizens.