

## SOFTWARE DESIGN

### BCSE301P

Name	Sonali
Registration no	23bce1572
Lab no	0

GITHUB REPO: <https://github.com/Sonali-999/softwareBCSE301P>

PROJECT STATEMENT ID: 25031

PROJECT NAME:

CROWD-SOURCED CIVIC ISSUE REPORTING AND RESOLUTION SYSTEM-(25031)

ORGANIZATION:

GOVERNMENT OF JHARKHAND

DEPARTMENT:

DEPARTMENT OF HIGHER AND TECHNICAL EDUCATION

DESCRIPTION:

In today's era of urbanization it is difficult for the government to track everyday civic issue which includes : potholes, broken streetlight, overflowing trash bins , and other water , electricity and sanitation reports. In order to make the process efficient we introduce a crowd-sourced civic issue reporting and resolution , a mobile / web app where citizens can report any issue detected and track the progress of the issue submitted by them . The app makes it very easy and less time consuming to report the issue using a trained model that interpret the category of the issue , department it belongs and the gps with just a single image of the issue submitted . Hence auto-detect all the required parameters from the image.

Features:

1. one click issue submission with a image
2. automatically detects the location of image- issue
3. automatically provides title to the issue and categorize its department to assign the case along with a detailed description
4. allows citizen to track the issue- confirmed, acknowledged, resolved
5. prioritize issues
6. supports multimedia content