

UML

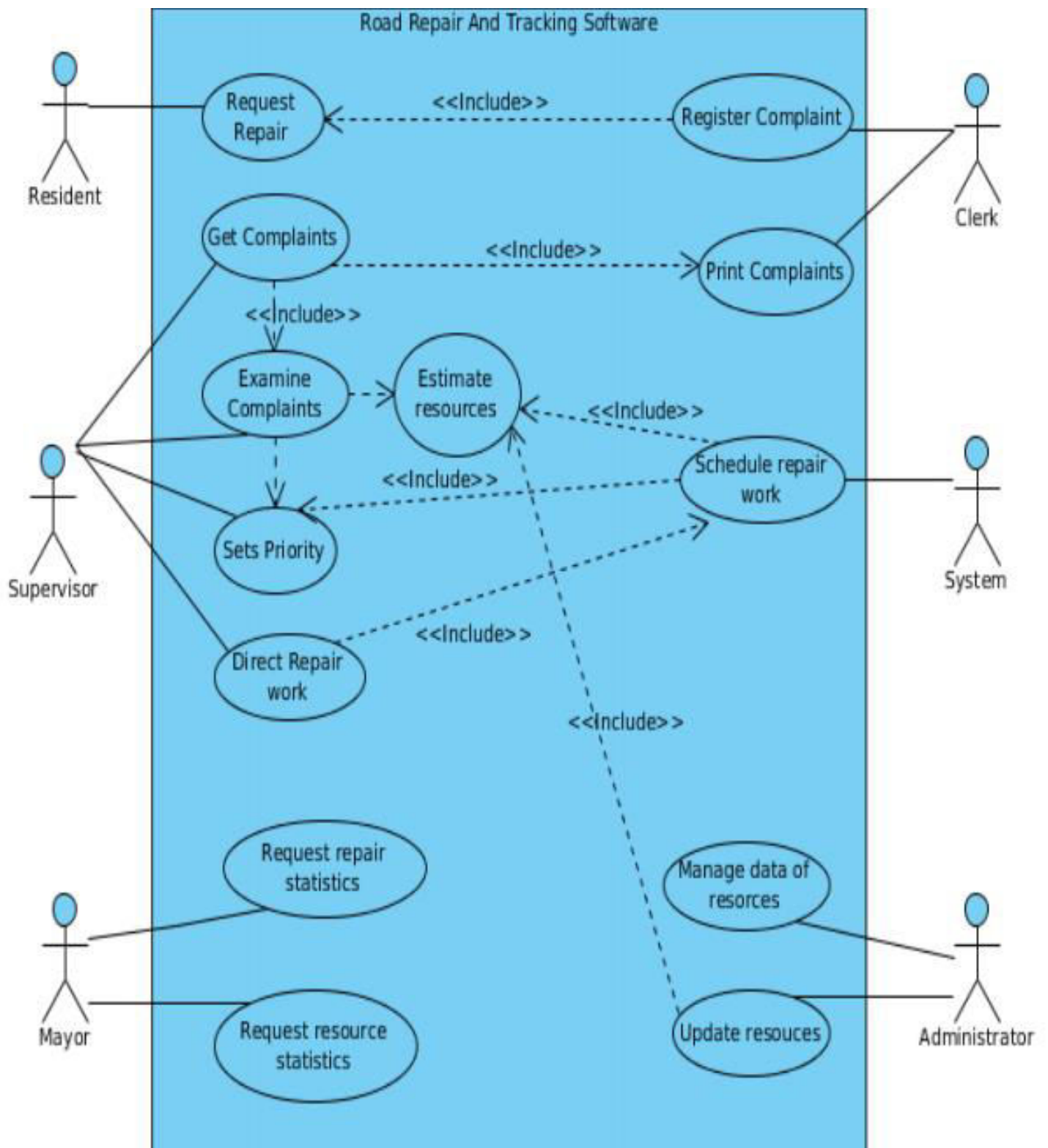
1. Introduction :-

We are building a Road Repair and Tracking System which shall be used by the Public Works Department (PWD) of the municipal corporation of a city. The software intends to ease the book keeping activities of PWD related to road repair.

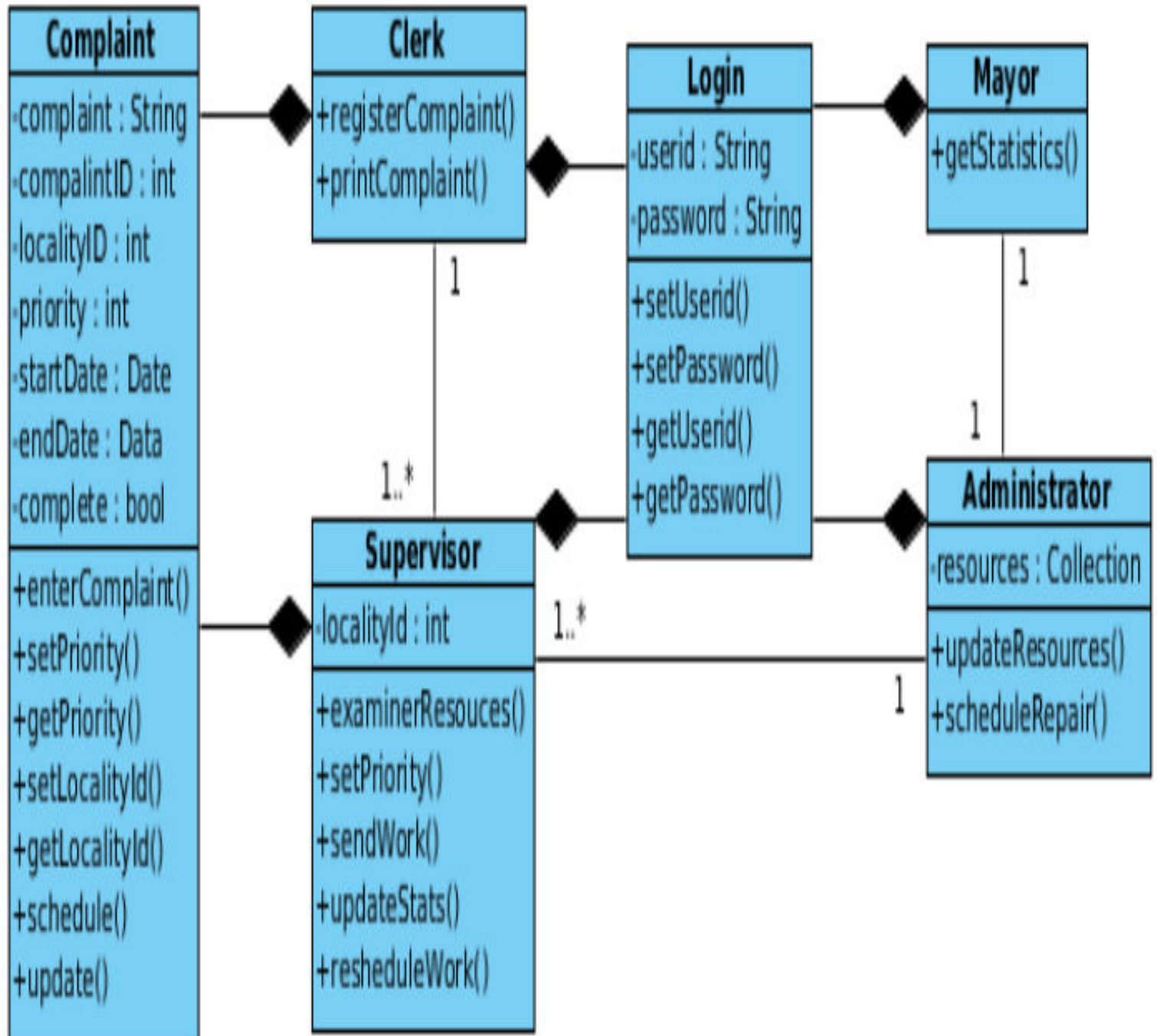
2. Product Perspective :-

The Road Repair and Tracking software will be a desktop application built using JAVA. It will be platform independent and compatible with any of the operating systems. It will require a central server to store the database. Network connectivity will be required for communication between central server and individual systems. The software can be used by clerks, supervisors, administrators and the Mayor in the municipal corporation.

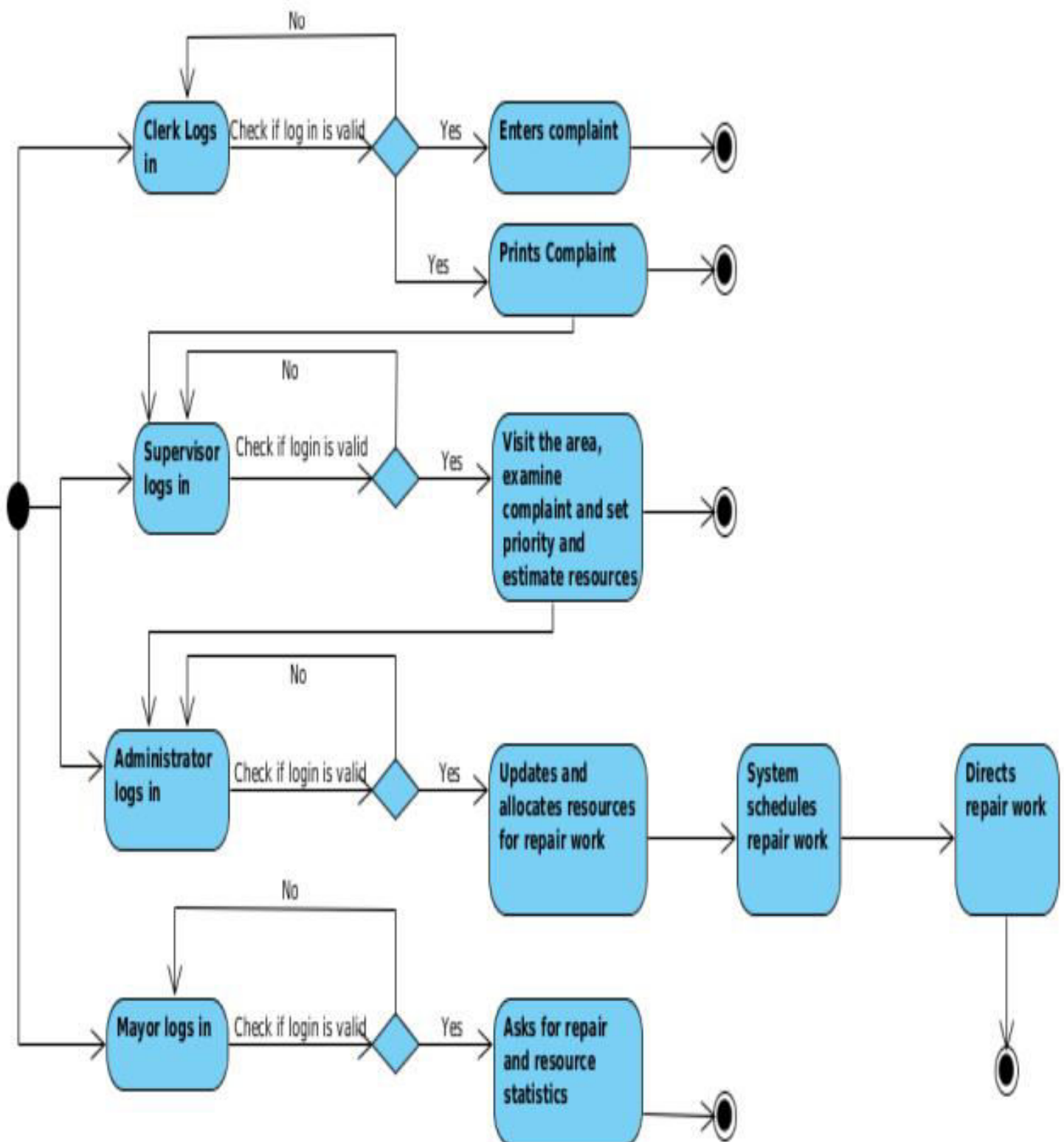
3. Use Case Diagram:-



4. Class Diagram:-

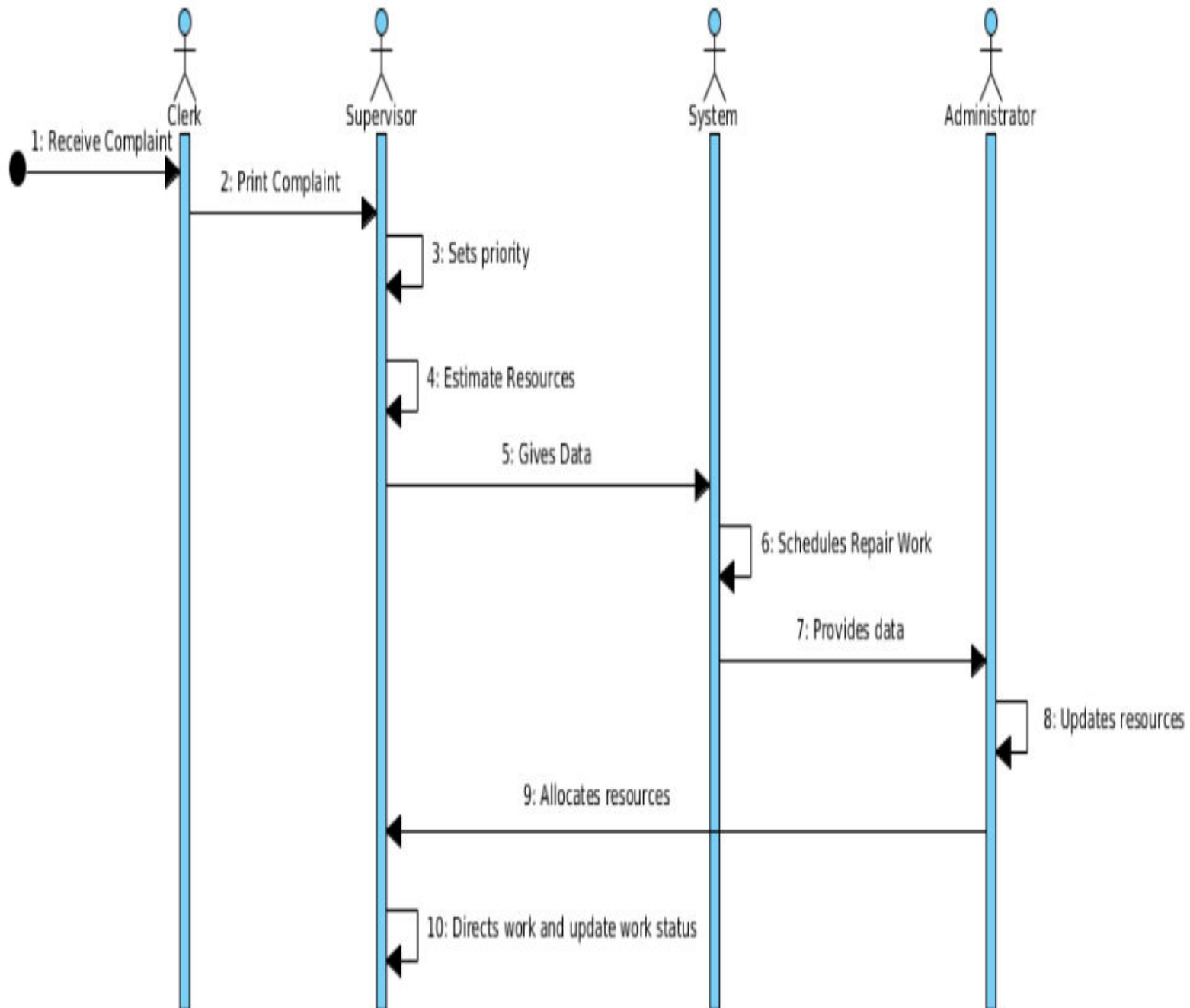


5. Activity Diagram:-

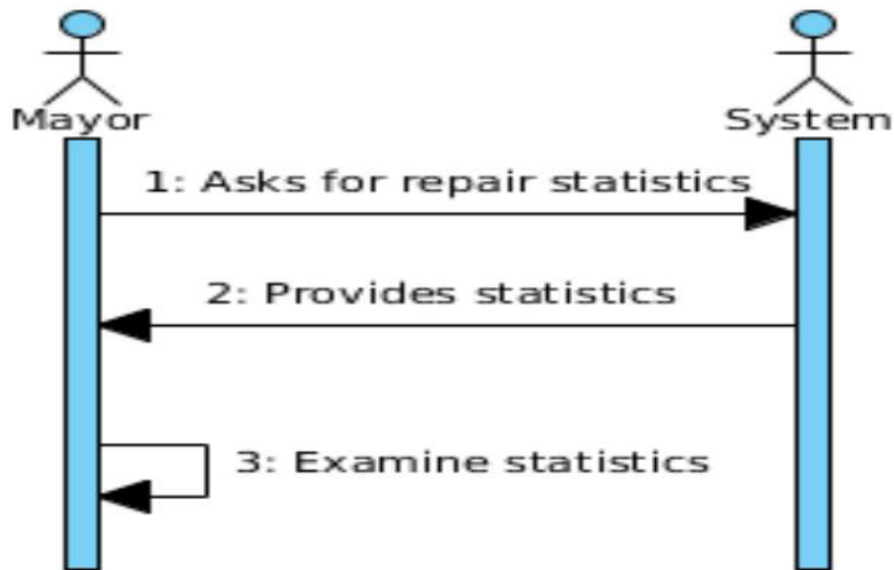


6. Sequence Diagram:-

6.1. Sequence Diagram for allocation of repair work:-



6.2. Sequence Diagram for mayor asking statistics:-



6.3. Sequence Diagram for Resource Management:-

