

The overall digitalization process works on a particular architecture which describes the essence of the proposal. This architecture mainly emphasizes on how an inhabitant can seek government services through a mobile app.

Given below is the design

[Arch image]

The above figure describes how an individual can seek assistance from the IPS and how the assistance is provided i.e. the backend work involved which is transparent to the user.

The whole architecture can be divided into 3 modules:

- Module 1: describes the user end.
- Module 2: describes the police end [internal working].
- Module 3: describes how the action is taken.

[module1 image]

The first module describes briefly about how requests from individuals reach the police station.

Adhaar number is used as a key for soliciting. The protocol to be used will be TCP/IP suite which is said to be the most effective protocol. As a result the requests are less likely to be dropped. Requests reach the police server through an interface called the Common Gateway Interface.

[module2 image]

The requests that had been lodged at the police control room can be interpreted as cases. For each case, a Case Id will be generated by operators assigned for the purpose.

These Ids will be reverted to the user on their home page.

Use of Case Id:

- It enables the solicitor to manually track the development.
- These Ids have time span when expired, the case is forwarded to higher officials.

[module3 image]

This module is the core of the architecture as it deals with the actual work.

A study on latest development in IPS tells that new patrolling vehicles have been promoted. The third module deals with this new improvement.

After all the basic processing of the request is done, each of those will be handed over to the patrolling vehicles which are near to the crime location. Also, each case will have a severity block which has to be filled by the user. Thus, the case is further negotiated.

Until an undertaken case is fully monitored, the teams will not indulge themselves in any other case.

The police vehicles are said to handle 6 locations individually which are 278 in count. In a worst case scenario, through this technology, 1778 cases can be handled in a day