



DESIGNING A WEB PORTAL AND APPS TO CAPTURE ALL THE DETAILS WITH RESPECT TO IDENTITY OF COMPLAINANT, DETAILS OF THE INCIDENCE OR CRIME COMMITTED WILL EXTRACT SUPPLEMENTARY INFORMATION TO CAPTURE INGREDIENT OF THE CRIMES COMMITTED, IDENTITY OF CRIMINALS AND LIKELY WITNESSES THE SAME WOULD BE CONVERTED IN TEXT FORMAT AS AN FIR WHICH WOULD BE SIGNED BY THE COMPLAINT/ VICTIM THROUGH OCR DEVICE AND VERIFIED THROUGH DIGITAL SIGNATURE (USING OTP BASED VERIFICATION OF AADHAR). THE SIGNED FIR WOULD BE ROUTED TO CCTNS SYSTEM USING CITIZEN PORTAL BRIDGE ALREADY AVAILABLE. ALLOWING OCR AND DIGITAL SIGNATURE OF SHO TO CONVERT IT IN FORMAL/ LEGALLY ACCEPTABLE FIR.

PROBLEM STATEMENT

MS339

## TECHNOLOGY STACK

- PYTORCH
- FIREBASE
- ANDROID STUDIO
- JAVA
- PYTHON
- OPEN CV
- FLASK
- PYTESSERACT

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## PLAN OF ACTION

Information gathering

Field

Conversion

to digital

form

extraction using **PyTesseract** 

signature verification and

authentication

Display information about crime, criminal and complainant

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