E-COPS "Serving those who Protect"

Objective

To deliver next generation police and law enforcement reporting tools by setting up intelligence platforms that agencies use to take incoming incident reports, lessen live employee resources and allow these enforcement agencies to reallocate resources to much needed community areas

Users of the system

- a. Citizen
- b. Police officers
- c. Detectives
- d. Administrator
- e. Hotel and cyber café employee

Key Functionality

- Create/edit a virtual police station (PS) which represents a real police station as a first time setup.
- Appointment and transfer of police officers to a particular police station which is present in a specific zone or to a specific district.
- Modification of area of control of the police station.
- Maintain several departments like Law and Order, Women Protection, Cybercrime, Traffic and control, CBI, etc.
- Tracking the life cycle of various processes like FIR, Charge Sheet, Property Seizure, court disposal etc all these activities are performed by a PS.

Key Functionality Contd...

- Sharing of case details with PS in other states which is database and platform independent.
- Provision to provide/deny the arrest warrant.
- Apply for various licenses like Arms, loud speaker, Hotel/lodge, browsing centre, mass meetings etc.
- Secured registration of all users
- Integration of E-COPS with court and prison management

Technology Stack

The architecture followed was Model View Controller(MVC) pattern ensuring Complete transparency between components such as:

Front End: HTML, CSS, DHTML

Business Logic: Servlets

Backend: Data Access Object (DAO), Data

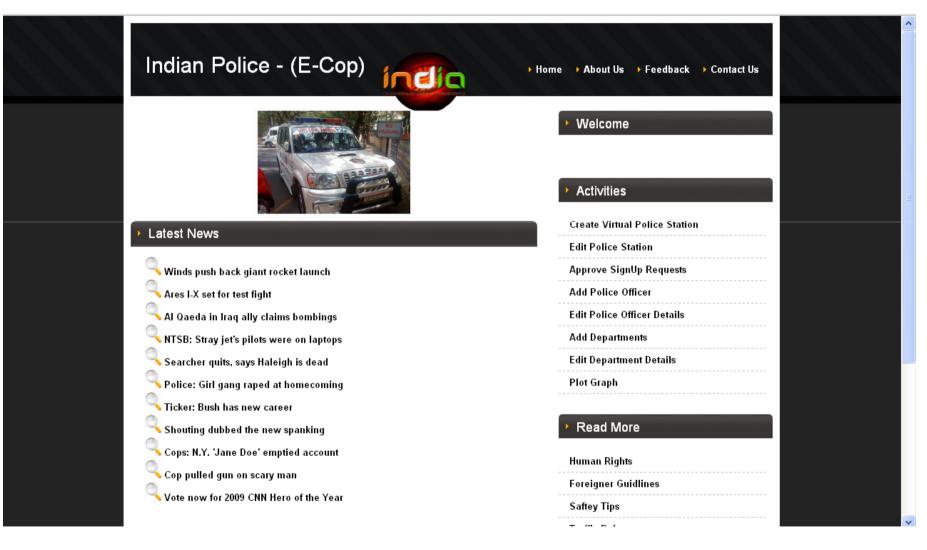
Transfer Object (DTO)

Application Server: IBM Websphere

Database DB2

IDE Eclipse

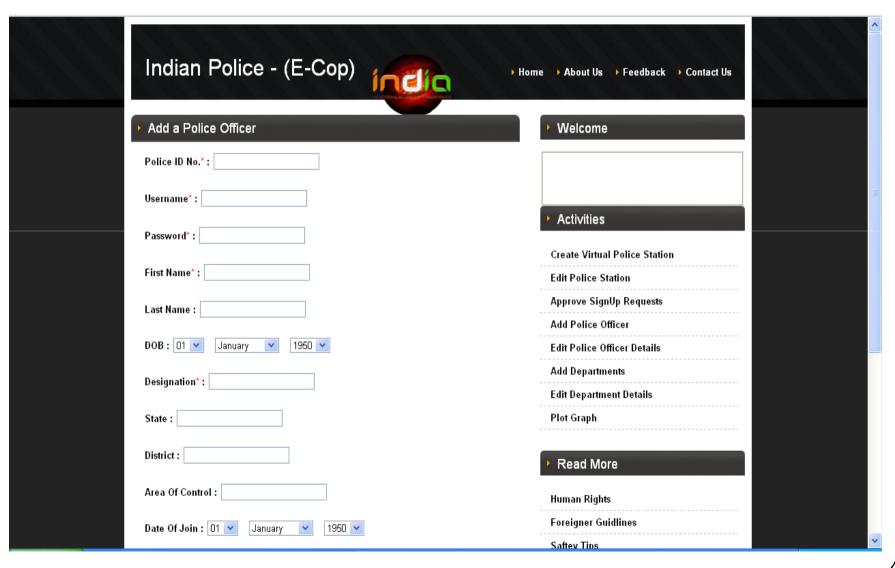
Administrator Functionality- Home Page



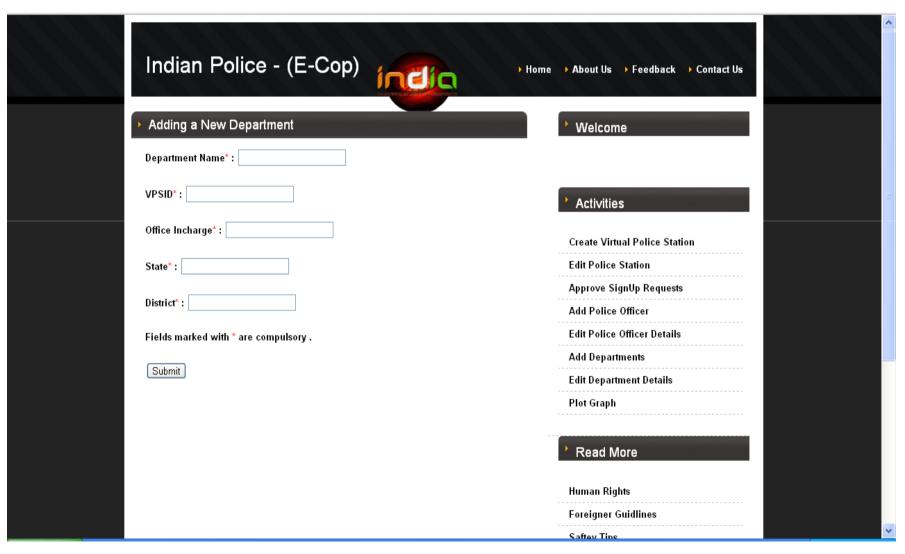
Create a Virtual Police Station

Indian Police - (E-Cop)	→ Home → About Us → Feedback → Contact Us
➤ Create a Virtual Police Station	▶ Welcome
Virtual Police Station ID* :	
Name Of the Police Station*:	► Activities
State*:	Create Virtual Police Station
Zone*:	Edit Police Station
TelNo.*:	Approve SignUp Requests
	Add Police Officer Edit Police Officer Details
Fax No.*:	Add Departments
E-mail ID *:	Edit Department Details
Officer InCharge** :	Plot Graph
Address**:	▶ Read More
Fields marked with * are compulsory .	Human Rights
Submit	Foreigner Guidlines
	Saftey Tips

Create Police Officer



Create Departments



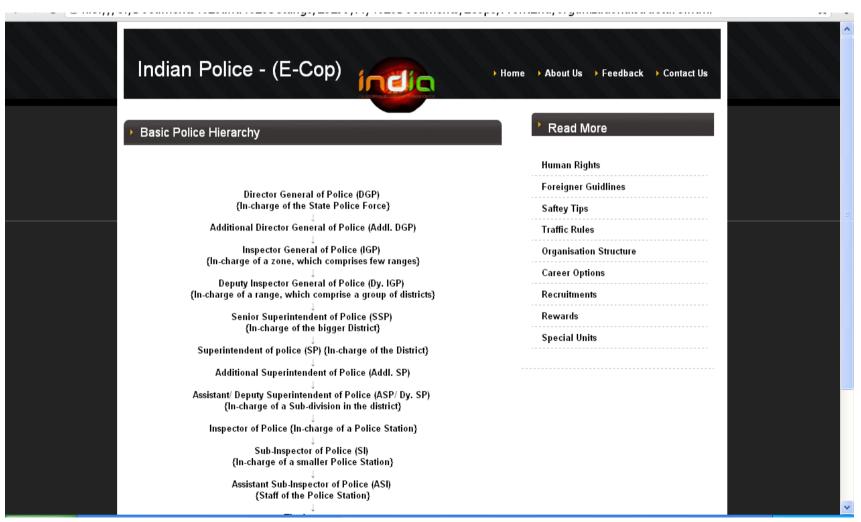
About Us



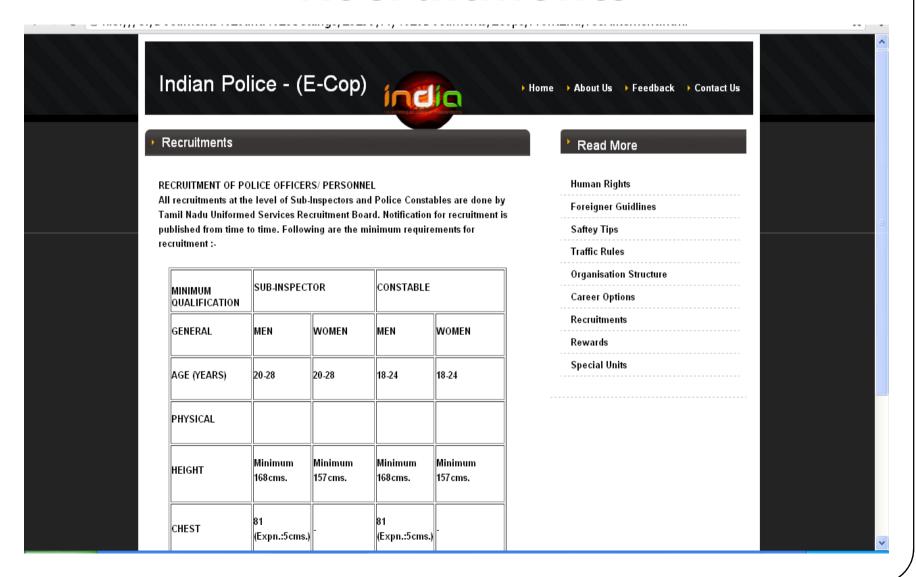
Traffic Rules



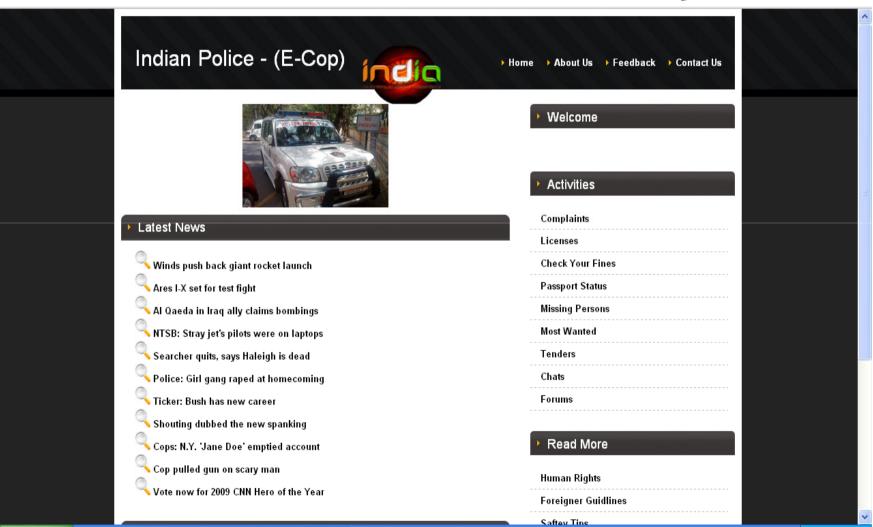
Organizational Hierarchy



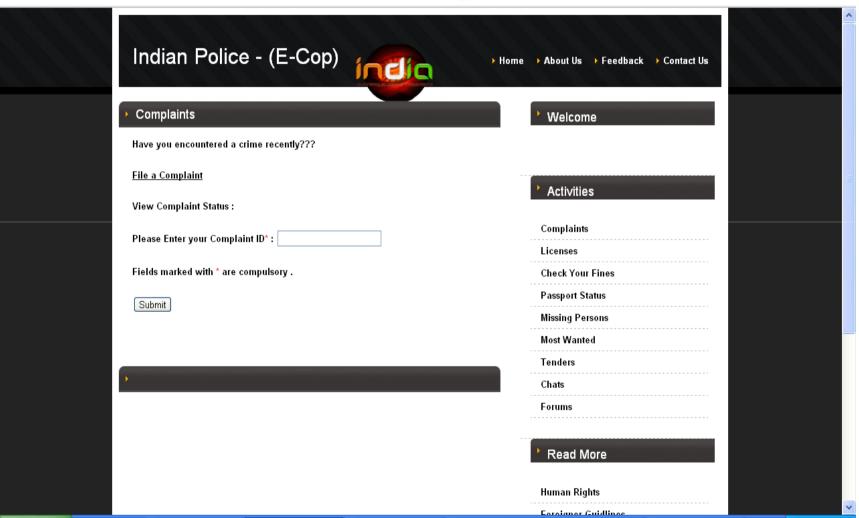
Recruitments



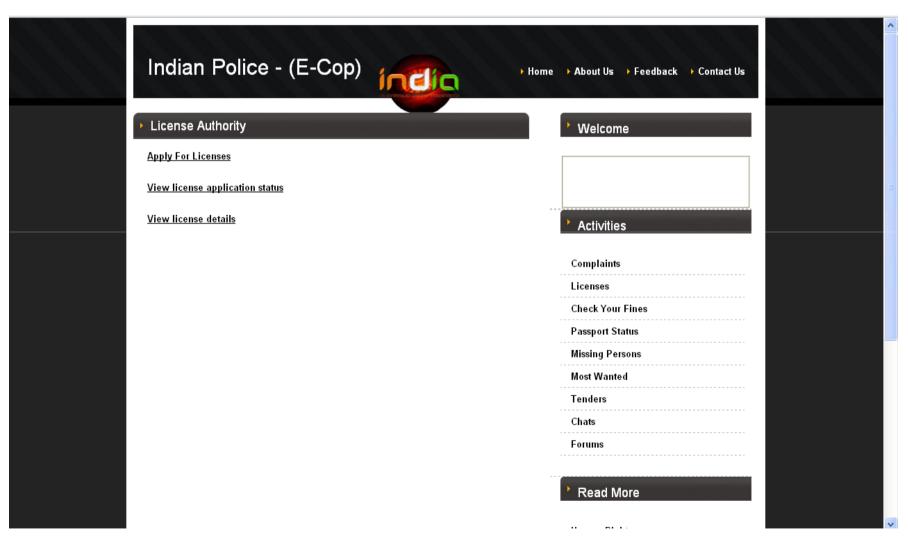
Citizen Functionality



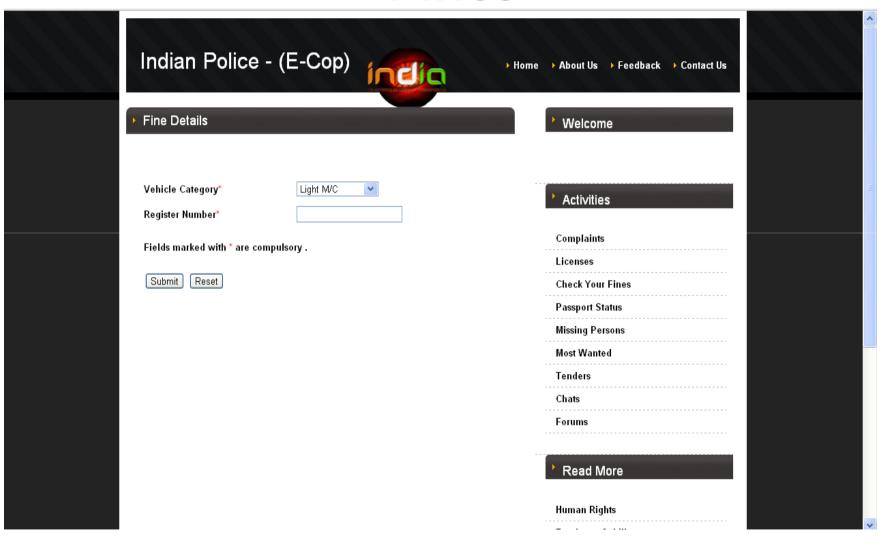
File Complaints



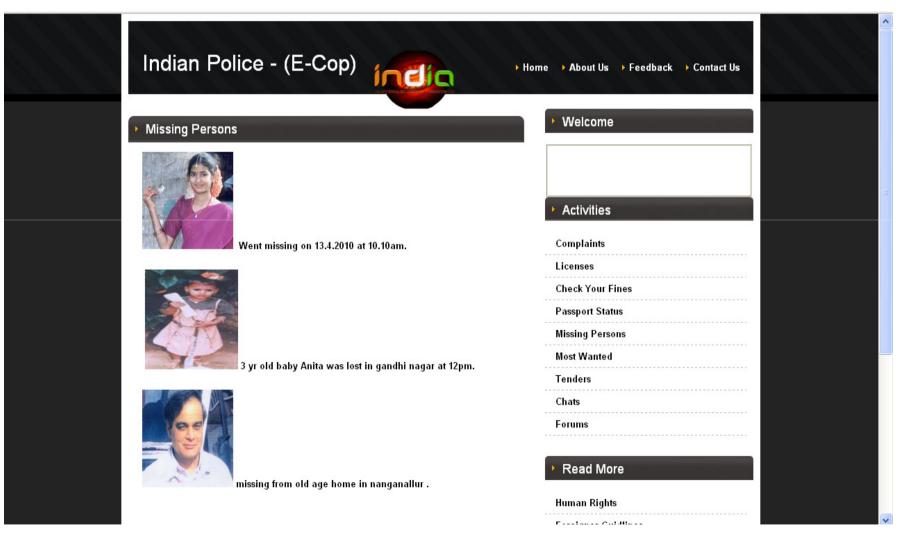
Licenses



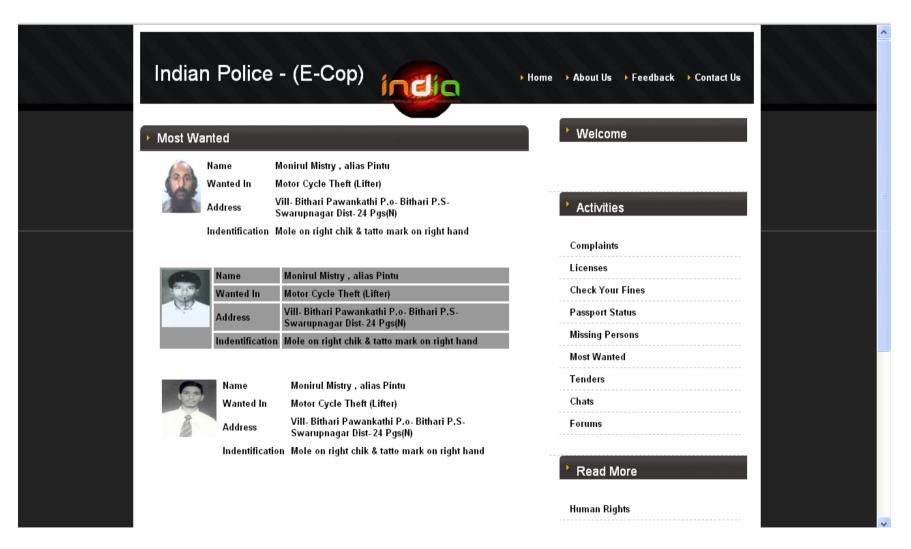
Fines



Missing Persons



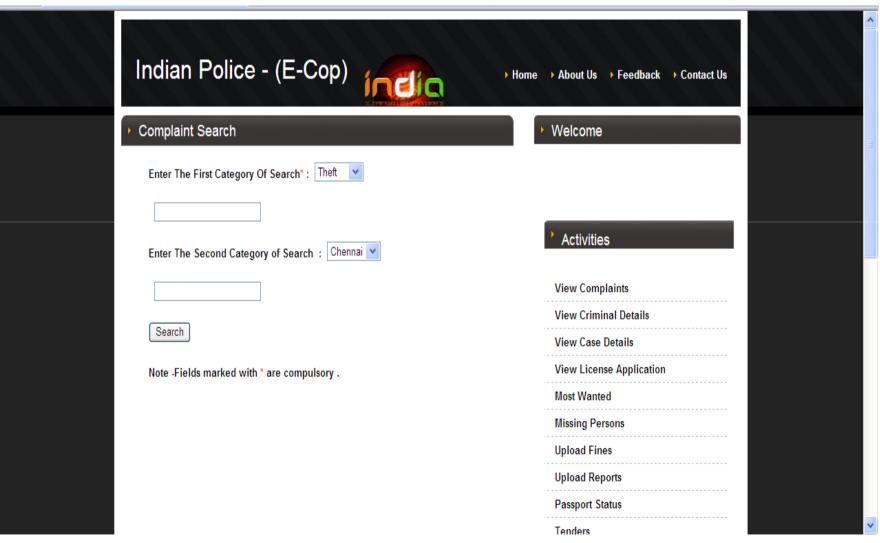
Most Wanted



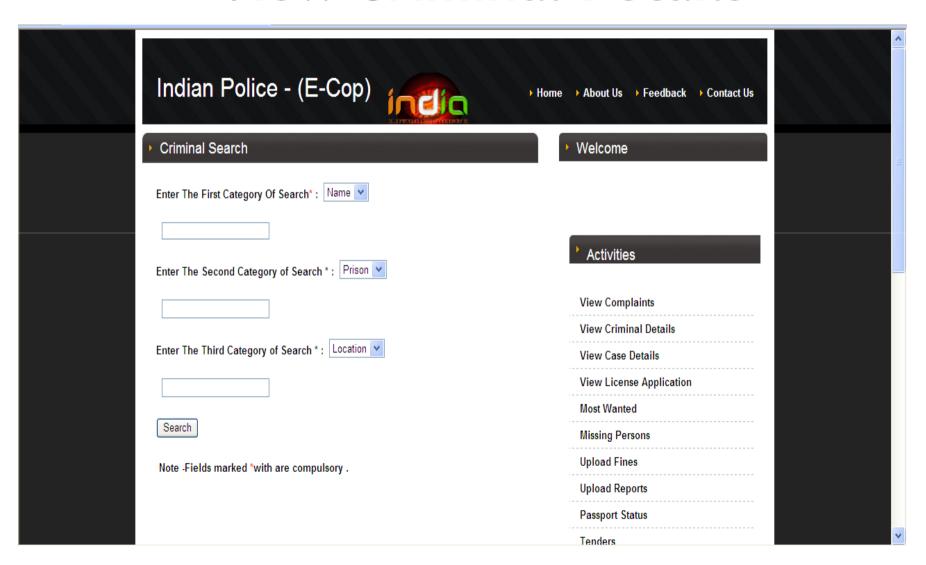
Police Officer Functionality

Indian Police - (E-Cop)	► Home ► About Us ► Feedback ► Conta
Profile	► Welcome
lame :	
Designation:	► Activities
State :	View Complaints
District :	View Criminal Details
Police Station:	View Case Details
once station.	View License Application
Area Of Control:	Most Wanted
Date of Entry into Service :	Missing Persons
	Upload Fines
ate of Birth :	Passport Status
Description :	Tenders
	Chats
	Forums
	Request For Information

View Complaints



View Criminal Details



Upload Fines

Indian Police - (E	1050 2.57734500000000	→ Home → About Us → Feedback → Conta
Uploaded Fines		▶ Welcome
Name* :		
Date Of Birth*:		Activities
	^	View Complaints
		View Criminal Details
Address* :	Y	View Case Details
		View License Application
Driving License No.*:		Most Wanted
Citizen Id (if available) :		Missing Persons
		Upload Fines
Submit		Upload Reports
note : Fields marked with * are comp	ulsory .	Passport Status
	•	

Request for Information

Indian Police - (E-Cop)	▶ Home → About Us → Feedback → Contact Us
➤ Request to Information	▶ Welcome
To*:	
State*:	Activities
Zone*:	View Complaints
	View Criminal Details
Police Station*:	View Case Details
Type of Information*:	View License Application
	Most Wanted
	Missing Persons
	Upload Fines
Reason*:	Upload Reports
Information	Passport Status
	Tenders

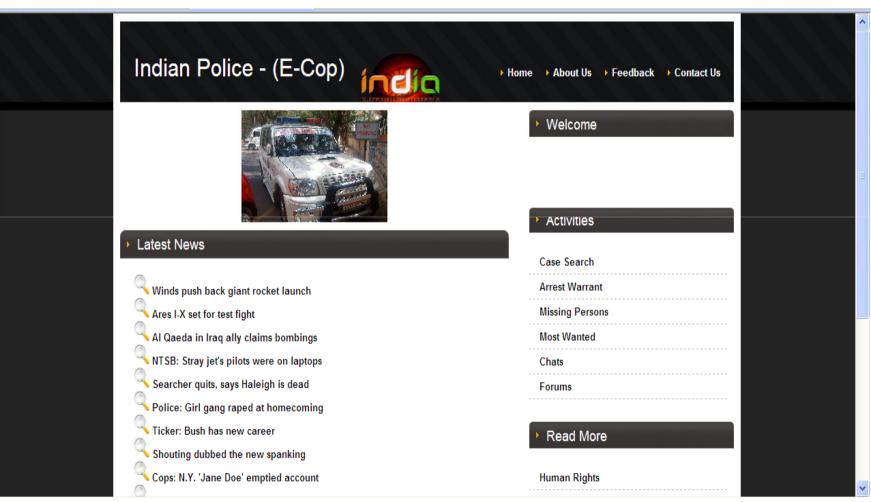
Apply for Transfer

Indian Police - (E-Cop)	→ Home → About Us → Feedback → Contac
Application For Transfer	▶ Welcome
Police Officer ID* :	
Police Officer Name* :	
Date Of Application* :	* Activities
Preferred State of transfer : Jammu and Kashmir	View Complaints
	View Criminal Details
referred Police Station :	View Case Details
^	View License Application
	Most Wanted
Reason:	Missing Persons
industri -	Upload Fines
ote -Fields marked * with are compulsory .	Upload Reports
Submit	Passport Status
COUNTR	Tenders

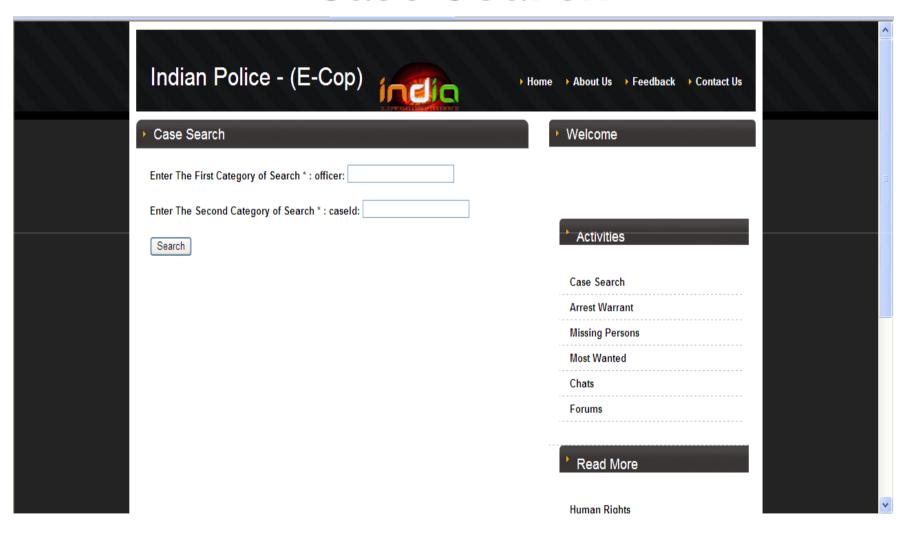
Upload Reports

Indian Police - (E-Cop)	▶ Home → About Us → Feedback → Contact Us
▶ Report	▶ Welcome
Upload Report :	
Complaint No.*:	
Case No.*:	Activities
To*:	View Complaints
	View Criminal Details
From*:	View Case Details
Type Of Report* :	View License Application
	Most Wanted
Report*:	Missing Persons
	Upload Fines
	Upload Reports
	Passport Status
	Tenders

Magistrate Functionality



Case Search



Thank You