

# Integration between RTO, Police and Insurance Company In Case of Fatal Accidents

Prof. Pranita P. Deshmukh<sup>1</sup>, Miss. Harshada R. Ghule<sup>2</sup>, Miss Vaishnavi V. Arudkar<sup>3</sup>, Miss. Sushama L. Shekokar<sup>4</sup>, Miss. Kajal B. Chhattani<sup>5</sup>

Department of Computer Science and Engineering,  
Prof. Ram Meghe Institute of Technology and Research, Badnera

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**Abstract:** This desired system is for police, RTO and Insurance Company which plays important role in case of fatal accident. Today they are working separately which is very time consuming process. Due to this the procedure becomes tedious. Because of all this the victim couldn't get the benefits of insurance and has to suffer a lot. This portal helps police, RTO and insurance company to work together and report at any time and any place. So we get whole detail at one place and cases of fatal accident resolved easily and one can get all the benefits in time. We developed this portal with a fully computerized method to manage all the data. At present all records are maintained manually.

The system which will facilitate the user for not worrying about carrying the documents of their vehicle, insurance policy. We can digitalize all documents which are taken care of with so much efforts and hard work. This application will make sure you have all the documents with you every time anywhere wherever you go. Different documents like License, PUC, RC Book, Insurance papers can be easily handled. This portal can help you not to carry all the documents with you every time. There is no fear of losing these documents as these are digitalized. Whenever accident happens any of the person or police, RTO and insurance company fill the form and uses the portal for verifying the document

Also the analysis will be covering the general insurance sector in India and its penetrations. Customer perceptions towards insurance services which can be explained through the survey. Also it will talk about the gaps between the service provider and customer expectations and which gaps needs to be focused more for customer satisfaction.

By introducing the new system we have been organized some striking felicities, registration of vehicle through online, issue of information's which include application forms.

## 1. INTRODUCTION

National surveys demonstrate that millions of go Unreported. Several reasons may contribute to this reporting.

Also reporting needs to be possible 24/7. Although several other options exist and there are most useful reporting mechanisms. Internet-based reporting systems allow victims and witnesses of to report incidents to RTO police 24/7 from any location [1]. The aim of this project is to develop an online report and managing system which is easily accessible to the public. The system is intended for use in a community to help the residents interact with each other more easily and to encourage the reporting of suspicious behavior. This system registers from people through online and it will also helpful to RTO police department in catching accident, insurance in system and person can give any at any time.

Integration between RTO, police and insurance company will address not only the cited reasons for not reporting, but also the need of RTO police departments for more accurate, complete, and reusable information that may free up their time and resources to allocate them to policing the streets. An online solution is very useful as the solution is inherently distributive. This distributive characteristic of the online solution helps in getting the different RTO police stations to share information and get in contact with one another. It also improves work efficiency of department. Using this application information handling will be easy and fast and solving cases will be fast. This system connects RTO police stations with the RTO police commissioner's office for faster information exchange and effective decision making. Every data entered by the RTO police stations can immediately reflect at the head office [2]. Also general public can interact with the RTO police without having to go to the RTO police station and get their issues solved. RTO police can respond back to such users.

Online registering system will solve the fears of public and will also help the RTO police department in catching accident. An online solution is very useful as the solution is inherently distributive. RTO police record management system is intended to provide total computerized information system support for the work of the RTO police. Its primary activities are not transparency-related, but help provide RTO police officers with information on criminal cases and on accident. The person who registered the case could also get access to case details and progress at any point,

either by going to any RTO police station and requesting an officer to access their case on RTO police record management system, or by accessing their case details online via the application using an FIR code number that is issued at the time of registration. Available case details would include the FIR, actions taken, actions pending, other details etc.

It also improves work efficiency of department. Using this application information handling will be easy and fast and solving cases will be fast. The main advantage of online application is that, a person can report the anytime from anywhere. Victims and witnesses have many reasons for not reporting. Among these reasons, fear of repercussion, embarrassment or shame, believing the is too insignificant or a personal issue, believing that reporting will not make a difference, and being unable to reach an authority are often cited [2]. In the existing management system, most of the operations are done manually like send, taking actions against, view status etc. So with the existing system if anybody wants to against he must do it through the RTO police. If we are doing the system manually, so many minor errors will occur.

## 2. ADVANTAGES OF SYSTEM

- ✓ The scrutiny was carried out through the collection of written and oral evidence.
- ✓ Better communication, better leadership, better training, and more defined roles in terms of contribution to contribution to the society.
- ✓ Working with partners.
- ✓ Reducing and disorder.
- ✓ Accident insurance can help employees financially by providing cash to pay a portion of out-of-pocket injury-related expenses, both non-medical and medical, that are not covered by their medical insurance plan or other coverage.
- ✓ Unlike medical insurance, some accident insurance plans give employees the flexibility to use their cash benefit for any type of expense, such as transportation or home modifications, or even to replace lost wages.
- ✓ Convenience of submitting minimal documentation for claims approval.

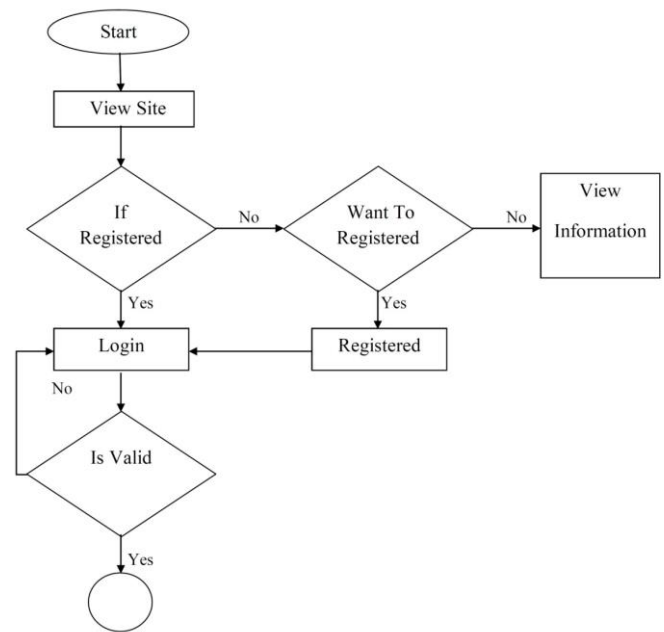


Fig 1: Registration flow chart

- Step 1. The process begins with registering the credentials of the attendant which includes id and password.
- Step 2. The features extracted will be compared with the data in the local database maintained at the client side.
- Step 3. In this step, if the user is registered then he/she can login else they have to register first then they can login.
- Step 4. If the added credentials are valid then they get login otherwise they have to give correct information.

## 3. SYSTEM ARCHITECTURE

The user first have to do registration on site, this include email verification. After doing registration it's email verification is automatically done by the system and after verifying it's email it provide ID and password to user with the help of this the user will permit to enter in the system, that means after entering correct id and password the user will allow to login in the system.

Officer first have to login in the system, then there are three sections on which constable have to work these are data entry then search engine is there and status update. In data entry section the constable enter any newly added data in the system. Search engine is to search any information about user in the system; with the help of search engine the constable searches any information about FIR then with the help of status update the constable will permit to update the status of recent case in the system.

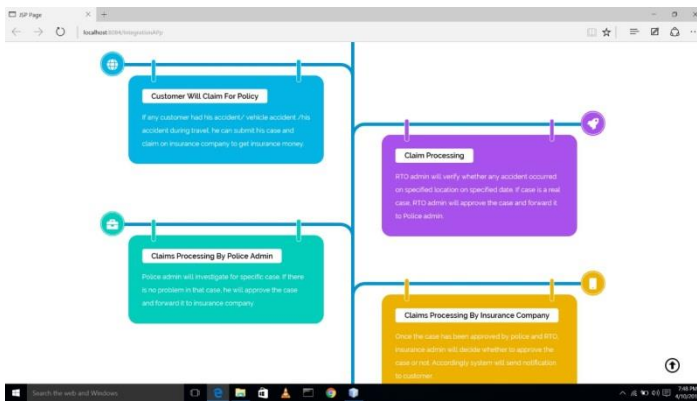


Figure 4.1: Working

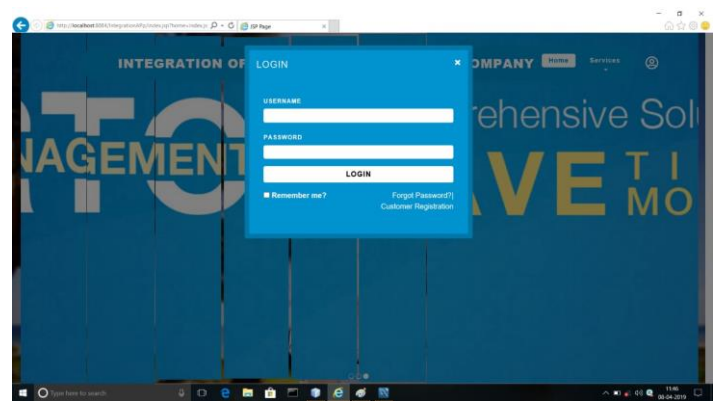


Figure 6.1: Login Page

#### 4. SOFTWARE SPECIFICATIONS

The "RTO police and Insurance company Record Management System" must use Microsoft SQL server as its database component. The software requirements include the software that is required for working. Software requirements are as follows:

- Developments Tools
- JAVA EE: Apart from a mobile based application we are planning to build a web based application with the help of Java EE. It is actually a collection of technologies and APIs for the Java platform designed to support "Enterprise". Applications which can generally be classed as large-scale, distributed, transactional and highly-available applications designed to support mission-critical business requirements.
- Database
- SQL Server: Microsoft SQL Server is a relational database management system (RDBMS) produced by Microsoft. Its primary query language is Transact SQL, an implementation of the ANSI/ISO standard SQL used by both Microsoft and Sybase.
- Operating System
  - Windows (any)

#### 5. PROPOSED MODEL

Step 1: The first page that will be encountered by the admin is the one-time authentication of that admin and after the verification of the password the admin will be eligible to handle the software. There will be a login session for the admin and it will be his own responsibility to logout.

Step 2. After the verifying the credentials, Admin can register RTO admin, Police admin and Insurance admin. The front page of the software will be available which will look like:

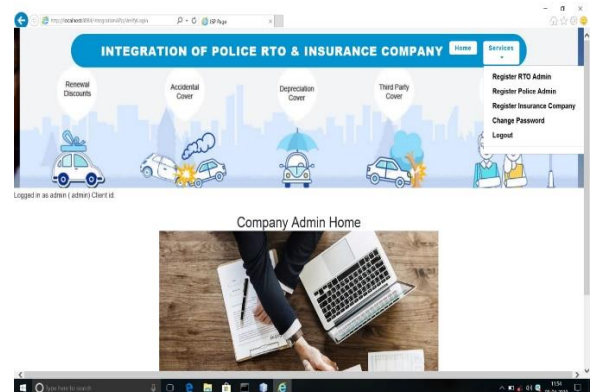


Figure 6.2: Admin home page

Following is the detailed description of the above three admins like:

1. RTO admin: It is a RTO administrator registration page from which any new rto admin can register.

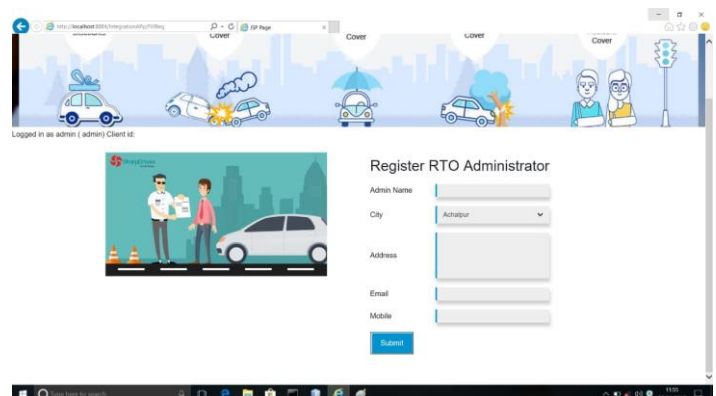


Figure 6.2.1: Register RTO Administrator

2. Register Police Administrator: It is a Police registration page from which any new Police admin can register



Figure 6.2.2: : Register Police Administrator

3. Insurance Administrator: It is a Insurance administrator registration page from which any new Insurance admin can register.

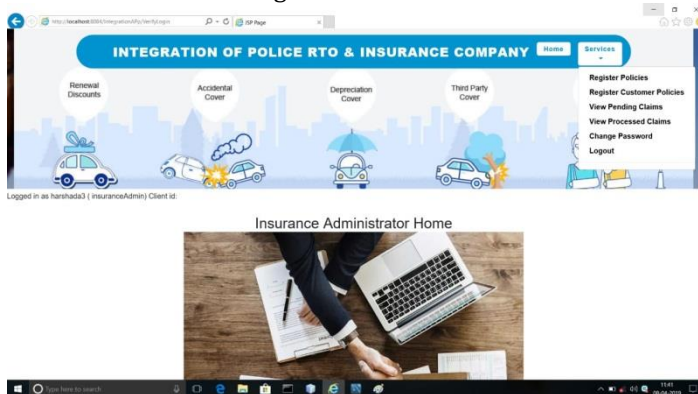


Figure 6.2.3: Insurance Administrator

## 6. CONCLUSIONS

The Software developed is found to be working efficiently and effectively. It results in regular and timely action against reported. It can be observed that the information can be obtained easily and accurately. The Software is made user friendly to the maximum so that any lay man can run the software provided he could access to the system via the login password. The problem of delay in retrieving criminal suspects records for reference purposes and for appropriate court action or prosecution to be taken can be reduced drastically and the efficiency in the management of criminal records and investigation of criminal case being rendered by the Indian RTO police Force will greatly be improved upon.

It believes that partnership work is highly beneficial to the organization and that partnership work is the way forward to reduce and disorder This system will definitely help the RTO police system in making the RTO police work more efficient through equipping the RTO

police with modern solutions i.e. it aims to ensure solutions and means for the RTO police officers that support their main activity. In future we can add and use new technologies, wireless communication systems, modern IP networks etc.

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