

Instant News with Enhanced Journalism towards Digital India

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Abstract— For almost two decades, the web has changed the world and revolutionized how information is stored, published, searched and consumed. The ripple effect has spread so wide that it impacts not just businesses and industries but crosses over into politics, medicine, media and breaches geographical locations, cultural boundaries and ultimately, affects people’s day to day lives. What makes social media of particular interest to journalism is how it has become influential as a communication and news-breaking tool. In the past decades, journalists in the Western World have benefited from the tremendous growth in information communication technologies – ICTs – and in the last ten years the ICTs have also penetrated the developing world and have made available computers, Internet access, and mobile technology. This proposed application mainly concentrates on implementing a platform to post live and important news by the public which leads to instant news and to develop a less investment application for the welfare of the society and save the life’s of the people in danger.

Key words: Enhanced Journalism

I. INTRODUCTION

A growing number of people are equipped with mobile devices that have a camera, web browser and access to social media apps such as Twitter. Hence, mobile devices are used for reporting live from both everyday life events and more significant events such as natural disasters, crises, civil wars and riots including recent occurrences.

Currently there are many news channels which keeps track on the ongoing information and events worldwide and keeps on broadcasting the same set of information or videos on the channels. But only a particular reporter who have enrolled or working for a news channel can collect the information and broadcast it adding colors to the news. Many times the fake news only will be telecasted. And sometimes when any crime or accident happens these reporters, common man instead of helping the victim they just record the video and collect live chat with the people around the situation which may lead to the deaths or crime which could be avoided by them. The proposed application aims at instant spreading of news, since most important and sensitive news are missed and there is delay in broadcasting the news in traditional methods. So to achieve this common man are given the privilege to post news. This is what is called as citizen journalism.

II. LITERATURE SURVEY

There is lot of changes in how news channels collect the news these days. There are even many developments in this field. Sometimes there is some delay in broadcasting the news because it involves series of procedures such as the journalist needs to collect the news, then send it to the editor who will make the modifications and then the news will be broadcasted. Journalist needs to reach the incident place

who has to collect the news and there are news channels with limited number of journalists which are two of the factors for delay in broadcasting is the news.

III. SYSTEM DESIGN

The design of the system aims to detect the procedures which must be present in the system, the considerations and specifications of these procedures and to connect with one another to deliver the craved results. Toward the final of the framework plan all the real information structures, document organizations, yield organizes and also significant modules in the framework and their particulars are chosen.

The common man, moderator, reporter, ambulance and police are the end user of this application. Including administrator except common all of them should login to perform their respective work but they no need to login to view the news through the browser. The respective functionalities of the administrator, common man, moderator, reporter, ambulance and police are shown in fig. 3.1. The common man can view the news. The person who wishes upload the news can sign up and send a request. Administrator will receive the request and the person will be verified by matching with the details of Aadhar card. Once the person is verified successfully, that person is not only eligible to post the news but also can report to ambulance in case of emergencies like accident and can also report to police about any important news such as evidences about crime or security for women at late night. If the person posts any fake news or tries to cheat, then serious actions will be taken against that user and will be blocked. The moderator is the one who verifies the news posted by the reporter. He can push the news if it is not fake and can abort the news if it is repeated news. Moderator can report about fake news to the administrator and responsibility of taking legal actions against the reporter who had posted fake news. The ambulance gets the notifications of emergency news, as location is displayed to them, they can serve the need of emergency in case of accidents. The functionality of police is similar to ambulance they get notification of news such as crime activity, if any evidences or any emergency need. The administrator has the authority to accept or reject the request to become reporter by common man. Administrator can also block the reporter if he is notified by moderator that he has posted fake news.

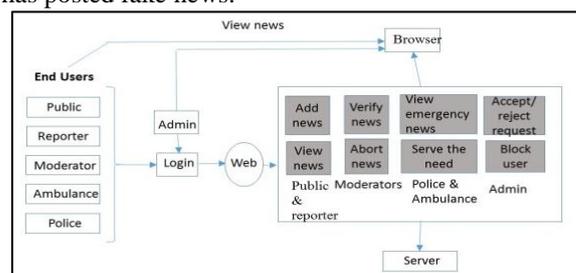


Fig. 3.1: System Design

IV. IMPLEMENTATION

The execution period of any undertaking advancement is the most imperative stage as it yields the last arrangement, which takes care of the current issue. The execution stage includes the genuine emergence of the thoughts, which are communicated in the examination report and grew in the configuration stage. Usage ought to be flawless mapping of the outline archive in a suitable programming dialect to accomplish the vital last item. Frequently the item is executed because of erroneous programming dialect decided for usage or inadmissible technique for programming. It is better for the coding stage to be straightforwardly connected to the configuration stage in the sense if the outline is as far as item situated terms then usage ought to be ideally completed in an article arranged manner. The variables concerning the programming dialect and stage picked are portrayed in the following couple of areas.

A. Home module

This is the main module everyone can view news and it provides link to the viewer which display the role which could be selected, like admin, reporter, ambulance, police and moderator.

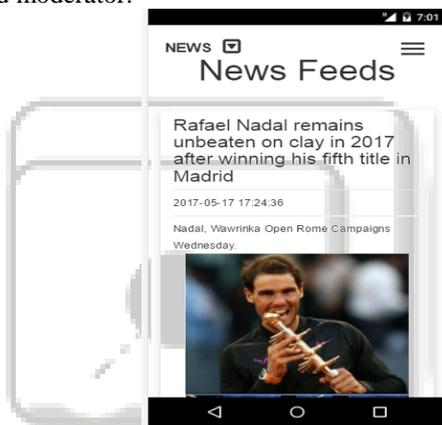


Fig. 4.1: Home page

B. Admin module

The admin module has the following tasks:

1) Verifying reporter

The administrator can check whether the common man who has sent request to become a journalist or a reporter has entered proper details or not so that he/she can be given privilege to submit the news. In case of invalid details their registration can be cancelled by administrator. The important point here is the person should specify his/her Aadhar number, in case of any fake news spreading action can be taken against them.

2) Reporter details

The administrator also view the reporter details, the information may be like, name, contact number, email id, Aadhar number, and location.

3) Block reporter

The administrator also has rights to block the reporter in case he has got notification from moderator that fake news is posted by particular reporter.

4) Verify news

The administrator can also verify the news if he is free or if he want take responsibility of moderator.

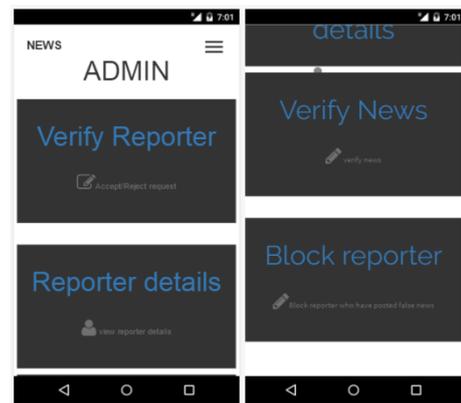


Fig. 4.2: Admin Page

C. Moderator module

Moderator will be at the level of verification of the news sent by the reporter. The moderator will be provided with the options as shown in fig. 4.3.: Push the news, abort news, fake news.

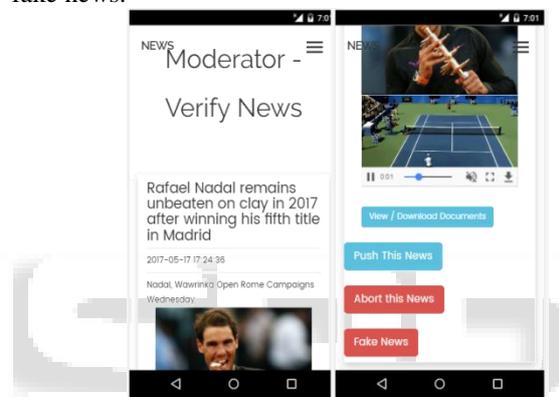


Fig. 4.3: Moderator home page

1) Push news

The moderator will check the news if its true he can display the news on the channel. The news may also contain text, video, audio, image or document.

2) Abort news

The moderator has the option to abort the news or cancel if it is a repeated news.

3) Fake news

If the news or information sent by reporter in invalid then the moderator can inform the news as fake news and action can be taken against the reporter accordingly with the severity effect of the news on society.

D. Reporter module

The common man after getting permission from the admin as a reporter can post the news, report to ambulance or report to police.

1) Post news

The news that must be posted in news feed of the application, reporter can choose this post news option. Reporter should write title and some few lines of description and select category of news. Reporter can also upload images and videos.

2) Report to ambulance

In case of emergencies like accident, the reporter can report to ambulance by sharing his location and he can also upload images and videos. This news will broadcasted to nearest ambulance within some specified range

3) Report to police

If the reporter has proofs or evidences about any crime activities he can report to police by choosing this option. This news will be broadcasted to nearest police station within some specified range

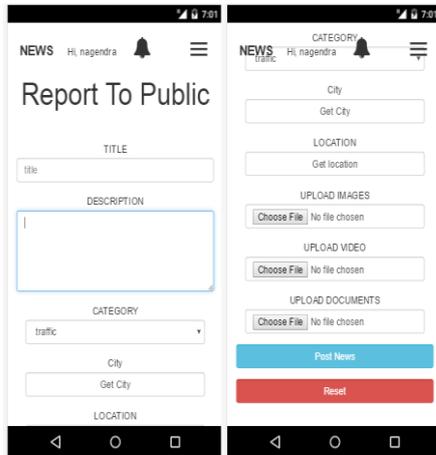


Fig. 4.4: Reporter (report to public)

E. Ambulance module

In case of emergencies like accidents, the reporter can report to ambulance. The ambulance home page consists of the title and sort of action happened along with the location is displayed as shown in fig. 4.5. Further, the hospital can take necessary action to handle the situation. This majorly helps in saving life's at death.

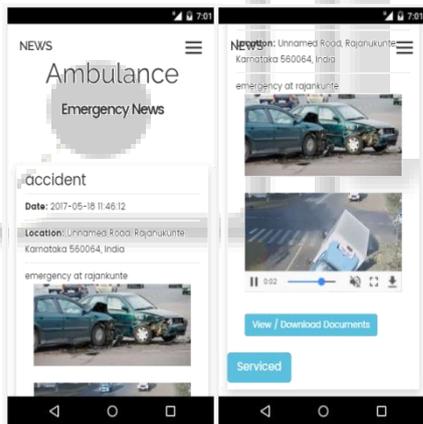


Fig. 4.5: Ambulance home page

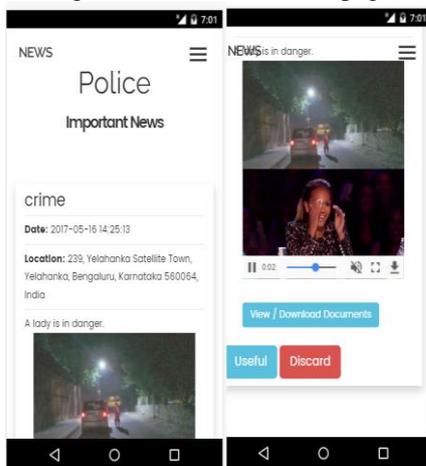


Fig. 4.6: Police home page

F. Police module

In case of any crime activities, the reporter can send message along with image or video, location to the nearest police station. Title and sort of action happened along with the location is displayed as shown in fig. 4.6. The nearby police station can handle the situation quickly and helps in finding out the criminals easily. This can also help in women security.

V. TEST CASES

The below mentions are examples of some of test cases which are tested on the application.

A. Signup Test

The common man who wants to become a report needs to give details of him. Details will be checked by the admin and user will be allowed to post news if details are genuine.

SL NO	Test Case	Expected Result	Test Result
1	Enter valid details by user	Registration successful	Successful
2	Enter invalid details by user	Registration successful but rejected by admin.	Successful

Table 5.1: Signup test case

B. Login Test

The login test has 3 cases. The login test is same for all modules such as admin, reporter, moderator, ambulance and police. If the name and password is valid, then respective module's home will be displayed or else it displays invalid credentials. If only name or password is entered, then invalid credentials is displayed.

SL NO	Test Case	Expected Result	Test Result
1	Enter valid name and password	login successful	Successful
2	Enter invalid name and password	Invalid Credentials	Successful
3	Enter only name or password	Login unsuccessful	Successful

Table 5.2: Login Test Case for username and password

C. Moderator module test

Moderator is allowed to push and abort the news. When the moderator click on push news button, the news will be displayed on the home of this application. Clicking on abort news button will result in not displaying of that news.

SL NO	Test Case	Expected Result	Test Result
1	Click on Push news	News will display in home page.	Successful
2	Click on abort news	News will not be displayed.	Successful

Table 5.3: Moderator test case

VI. CONCLUSION

This proposed application has discussed industry developments in various countries based on studies using

quantitative audits and surveys as well as interview-based case studies. These studies with mixed methodologies provide various insights into the changing perceptions and actions relating to the production of instant news. The posited model of journalism offers an analytical framework for future research into the dynamics at play between humans and technology in the salient case of customizing or repurposing journalism. The instant news also helps in identification of crime and helping the people in case of emergency by providing ambulance feature. This also helps in getting the news all over the world instantly.

The news will spread fast and even help in saving the people's life in danger. This, after implementation is sure to make a lot of difference in the way we see news today as in the end common man is being the king.

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