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News Update App with Notification

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Abstract: ***This project is the advanced and informative system which help users to know news or any interesting things happening around them. This system helps the local public to keep themselves update about the happenings around their city or local. The users are allowed to view the news admin. The Front end used is Android Studio while backend as JAVA and Firebase Database. The user has to register in this application to use this app and there is also an option where they can write their news to admin as well. The latest news is shown first and to read rest we need to swap down, the user can also refresh the news resulting the latest one shown first and current news will be closed. The user can add an image and a title related to the news. The user can use only 450 words to address the news. It looks amazing to read the news as the system provides swipe to move to the next or previous news with transition effects.***

Keywords: Online news, Local news, Notification, Android app, Firebase system

I. INTRODUCTION

Today in this world peoples are totally relays upon the electronic media and applications to its every day use. People have less time to be updated through news even they do not have time to listen news. In this competitive world people need to stay update with all the news. Who know when you need to know about It. If you are a student then you want to updated with news but because of less time you can't people get the news about the what happening all around the world, the internet which is reliable and accessible. The Android platform is hugely distributed, global information service center for Information services: news, advertisements, consumer information, financial management, education, government, e-commerce etc, hyper-link information, access and usage information. "News app with notification" is an application which introduced to provide the people requirement and to make the people updated about the news, posts, reviews, breaking news and latest headlines in different fields also the new inventions around the world. Today a growing number of users on the Internet as their primary source of information, especially news. It has also become evident that such vast amount of information is often too much for people to sift through in order to get to that one news they are interested in. All content were stored in database into different divided folders. We can easily modified the categories to browse and contains a interface to which give priority in promoting top-stories. Software can be managed with a rolebased system similar like a real newspaper. There is also a content schedule feature using which we can schedule the content date and timing. Schedule content will directly get posted on the application.

II. OBJECTIVE

A role-based system and can be managed like an efficient news plateform.

A. To maintain a standard and structured application.
B. To make a app where every user can read or update news.
C. To enhance the quality of news to the users.
D. To give information about the different buisness and information of the country which are registered using our directory.
E. To make a dashboard for the directory and articles.
F. Easy Upload options for daily Publication

III. MODULES OF NEWS UPDATE APP

1) *News Management Module:* Use to manage News details
2) *Weather News Module:* Used to view the weather detail
3) *News Category Module:* Used to view the category of news
4) *Latest News Module:* Used to view the Latest news first
5) *Sports News Module:* Used to view Sports news
6) *Login Module:* Used to Login by the user
7) *Users Module:* Used as a dashboard for home screen for the login user
8) *Epaper Module:* Used to view epaper

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A. User

1) *Registration:* Before using the application users are required to register in the app.
2) *Login:* The user has to login into the system to add or view the news, the user is remembered once he logs in until he logs out saving his time to login every time.
3) *Add News:* The user is allowed to add news selecting a city or locality to refer to also adding a picture related to the news.
4) *View News:* The user can view the news based on the city the user has selected.
5) *Report News:* If user find any fake news or the news which has no evidence users can report that news. After filtering the news app will remove the news.

B. Admin

1) *Login:* Admin should login into the system to monitors news or reports by the users.
2) *View News:* Admin can view all the news shared by the users in the application.
3) *View Reports:* If any user report a news admin is allowed to view the news. After filtering the news it is decided if the news has to be removed.
4) *Action Taken:* Admin can take any action to remove a news or to write a news. On the reported news also admin have to take the action.

C. Advertisements

1) The app can be used to advertise or to promote a brand. There is many area in the application which we can use to promote a business like splash screen, home page and etc.
2) All the area where we can do promotion is directly connected to the admin dashboard.
3) Administrator can easily manage where to put ads and from where to remove.

D. Extras

1) There is a column for Report a bad link and via lotion link.
2) There is a page for “Advertise with Us” form, using which anyone can request for advertisenment
3) There is a Photo Gallery within the app
4) In notification user can connect their home notification and others as well.

IV. PURPOSED SYSTEM

The main purpose of the project is to develop an application which can filter the news and provide news which is original and plagiarism checked.

It will display news articles and videos and posts verified and filter at backend. User can browse the category from news articles and post. App will enable user to view notifications and details of news like source, images, and video. Users can allowed to bookmark any news article or post for future use.

The application requires three type of admin at backend one will be admin manager who has all the features of the including user and content management. Other two admin were reporters and editors. Reporters and editor will have limited access to backend features. The reporters will be creating verified news and articles and videos on the other hand editors will have responsibility for the approvement and publishing of the article. Both users will be added to the system by admin.

V. EXISTING SYSTEM

Local news’ importance has grown in today’s digital era, in part, due to the accessibility of mobile technologies. Nielsen reports 30 million people in the United States use the Internet and mobile apps for local news and events.

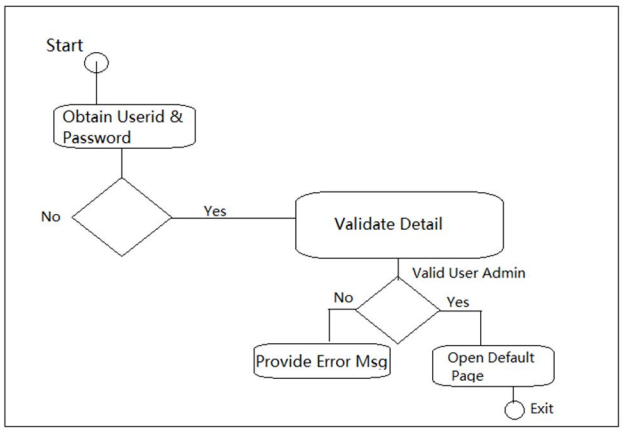
In our Existing system there are many news applications available which are doing good job but it is likely to suffer with many problem-like fake rumors, Unverified news, questions and results.

A. The current system consumes more time
B. It is very difficult to analyses a news or report
C. Difficulty to provide notification

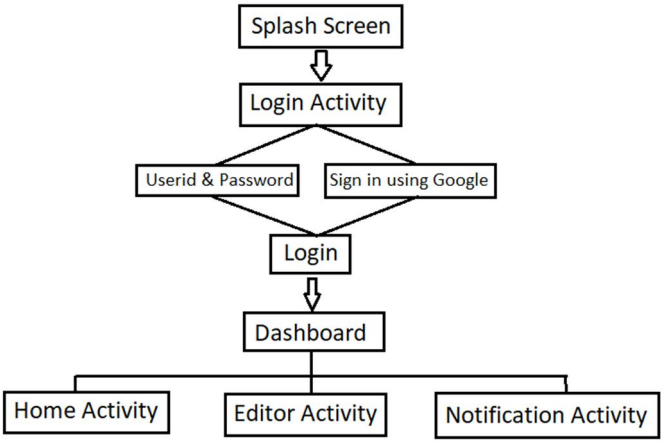
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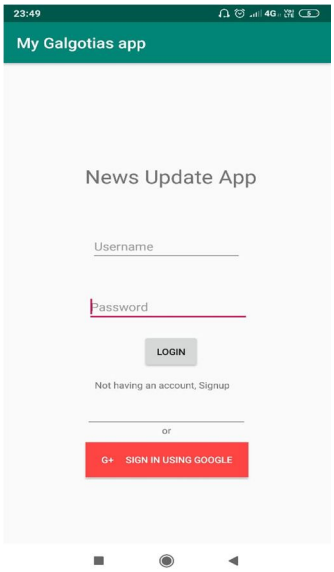
VI. SYSTEM FLOW



VII. ARCHITECTURE DIAGRAM

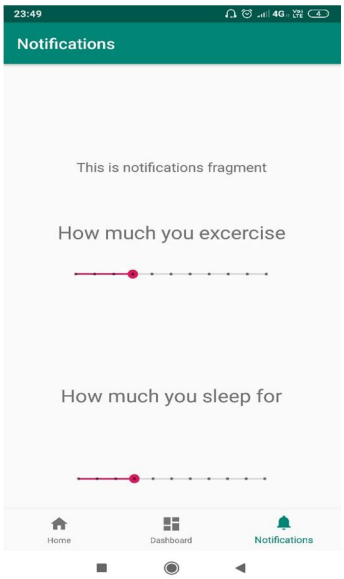


VIII. SCREENSHOT OF THE PROJECT



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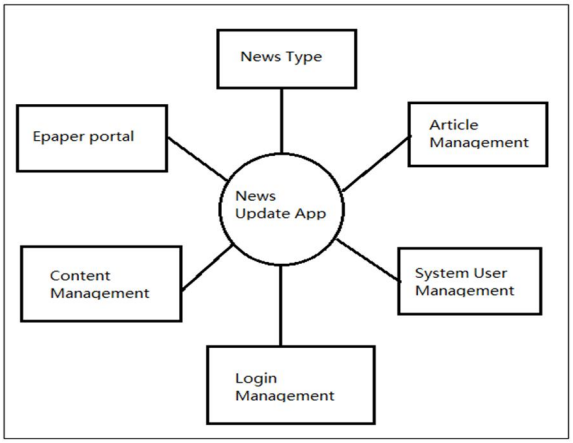




IX. WORKING

1) Steps to Create a News Update app with Notification
2) Android studio Packet Name
3) Create your packet name on Android studio and implement all required dependencies.
4) Create XML of the app
5) Create front end activity of the app and create several xml file for every new activity
6) Connect with firebase database
7) Connect your project with firebase database which allow user login and signup management
8) Add location dependencies
9) Add location so that user's location automatically detected and they can read their local news first.
10) Create backend of the app
11) Provide interior work using java in your android studio file
12) Published article
13) Published your articles and add news for every city state and country
14) Published your app
15) Now your app is ready to published

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X. RESULTS AND CONCLUSION

In my project work, an attempt has been made to develop a News or information-based android application. I develop this project that helps the people and make them aware so that they can know any news. To establish this app, we use various methodologies. To develop news update and notification project, I have faced many challenges and problem but I hardly tried to develop this project. Our supervisor helps us by giving their valuable, decision and time.

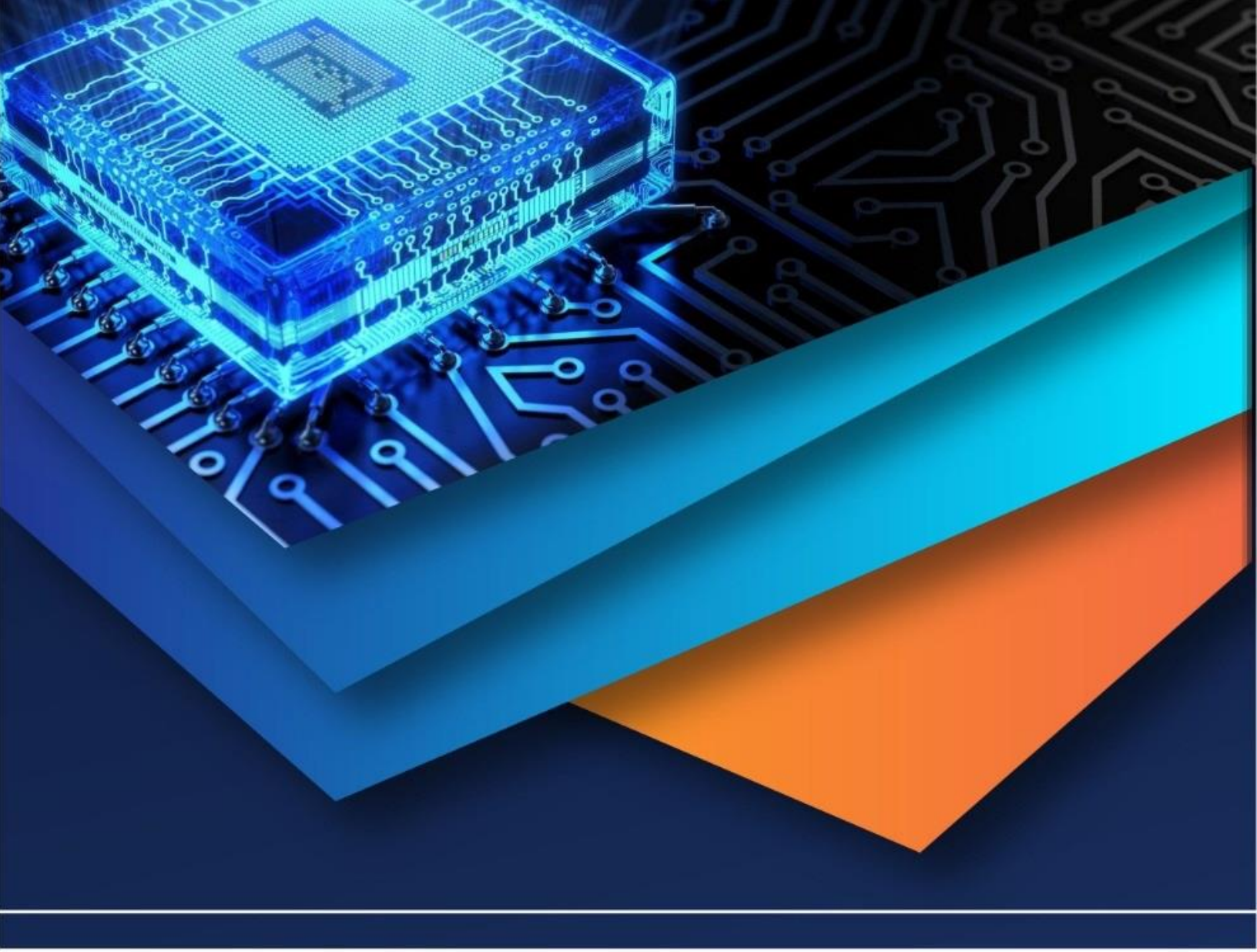
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