Online News Portal

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Abstract: *The advent of the Information and Communication Technology (ICT) has revolutionized the life of humans. The implications of this revolution are enormous and are manifest in almost all spheres of the life. Particularly the Internet has changed the ways people seek information to satisfy their information needs. To remain abreast with the latest happenings around the globe, newspapers are proven to be an effective source. With the emergence of new technologies newspaper publishers are fast moving onto the online platform to effectively reach the remote users and people are also quickly following the trend. In this scenario, the present study made an endeavour to investigate the use of internet and subsequently online newspapers among the PG students of University of Kashmir. The study underlines the growing importance of internet and the use of electronic medium among the students and also confirms the potential use of online newspapers mostly for educational and other information purposes.*

Keywords: *Online News Portal; Internet; Technology; Information*

1. INTRODUCTION

Software Engineering is the application of functional, strict, and quantifiable approach to the design, development, operation, and maintenance of software, and study of these approaches that is the application of engineering to software. The term software engineering was initiated in the 1968 NATO software engineering meeting and was meant to give rise to thought regarding the perceived software crisis at the time. The development of a portal for web-based newspaper generally developing a website in which the managing of all news item sent by the crowd about any type of news &

trends are done by the administrator where all can view and know all the relevant information about the knowledge which they seek. This project is about developing a website like a newspaper which displays the news which a normal person wants to show. This portal is designed and developed by using languages like HTML, PHP, & CSS technologies and SQL Server. The portal has basically three parts where one is a registered user (authentication required) who can see, add comment can have a simple discussion with another user and another is an administrator (has an authentication) who will manage or control the website and another user (no authentication required). The website contains basic pages from which the user can see and know the applicable information like history, upcoming. In other cases, the administrator manages all the applicable actions for which the users can view properly and also make reports.

2. Literature Survey

Paper Name	Publisher by	Publishing Year	Advantages	Disadvantages
A distributed platform for archiving and retrieving Online News	Chmielewski,David, and Gongzhu Hu	2005		Platforms for fetching news are limited
Challenges and Issues on Online News Portal	Weal M.S.Yafooz	2011	Upcoming challenges in Project are described.	Solution for those challenges is not given
Incedental Exposure to online News	Morgan&Claypool	2016	It presents conception framework of IEON that advances research and an understanding news discovery	Not examined.

Hierachical neural network for online news popularity prediction	Xinyu Guan and Yiding li	2017	It experiments on the real data from an online news portal demonstrate that proposed method and identify popular news.	Not examined.
Predicting the popularity of Online news	Caiyun liu	2017	It explores variables which may affect news popularity and presents method to predict the popularity of online news before publication	Not examined.
An Approach to event mining based on massive online news	Wenpeng Tao	2018	It proposes an Approach based on single-pass clustering algorithm with the characteristic to extract event from massive online news.	Not examined
Propogation of Online News	Youzhong Wang and Daniel Zeng	2009	It analyze the dynamics of online news propogation,using a large collection of online news activity data.	It doesn't cover user dash generated comments and feedback

3. Conceptual Overview of the Project

Online News Portal is the portal in which anyone can read the news online without any registration or login. The data used in this study is a collection of online news that has RSS by various categories such as news, entertainment, technology, sports and more. The online news that have RSS feed are used in this research.

3.1 Algorithm

Step 1: Start

Step 2: Login

Step 3: Search Keyword and Category

Step 4: Get news based On Keyword and Category

Step 5: Read the News

Step 6: Stop

3.2 Flowchart

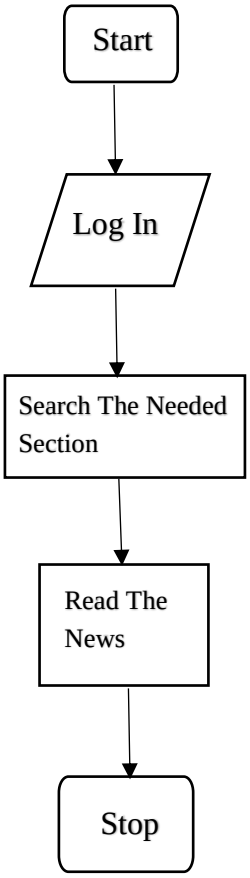

Figure 1. Flowchart

3.3 Working

This Project runs on very simple mechanics. User just have to access the website to read the news. User does not have to log in or register to read the news. There are categories allotted to news so that everyone can read the news in Online News Portal.

3.4 Data Flow Diagram

Data Flow diagram is a graphical representation of flow of data throughout the Information system. Data flow diagrams illustrate how data is processed by a system in terms of inputs and outputs. Name Notation Role Process Transforms incoming data flow to output data flow Data Store Repositories of data in the system. Dataflow Dataflow are pipelines through which packets of information flow. External Entity External entities are objects outside the system, with which the system communicates.

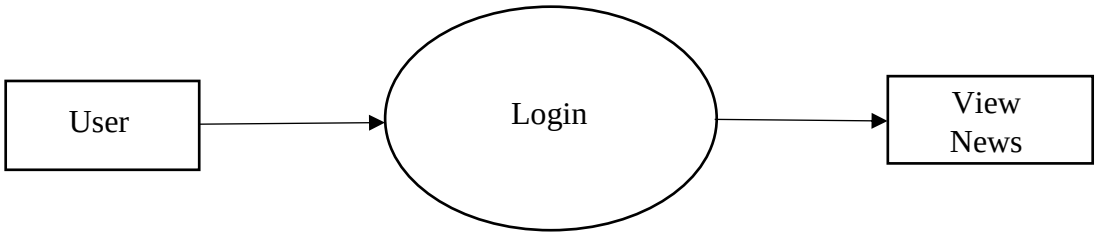

Figure 2. 0 Level DFD

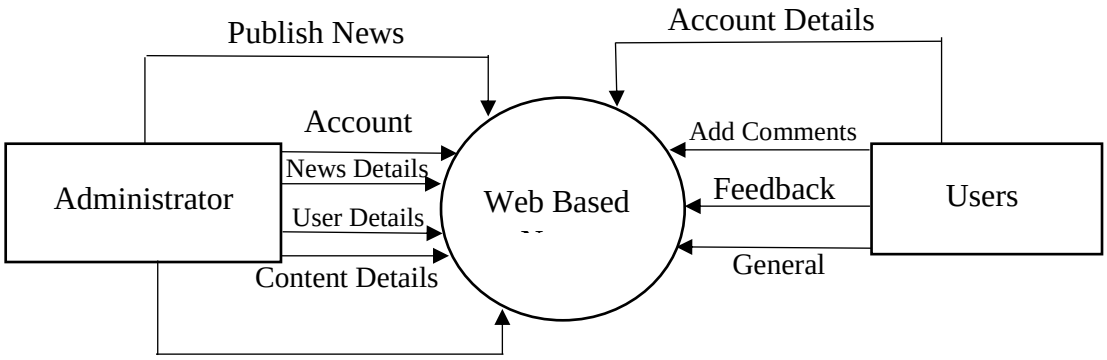

Figure 3. Context Level DFD

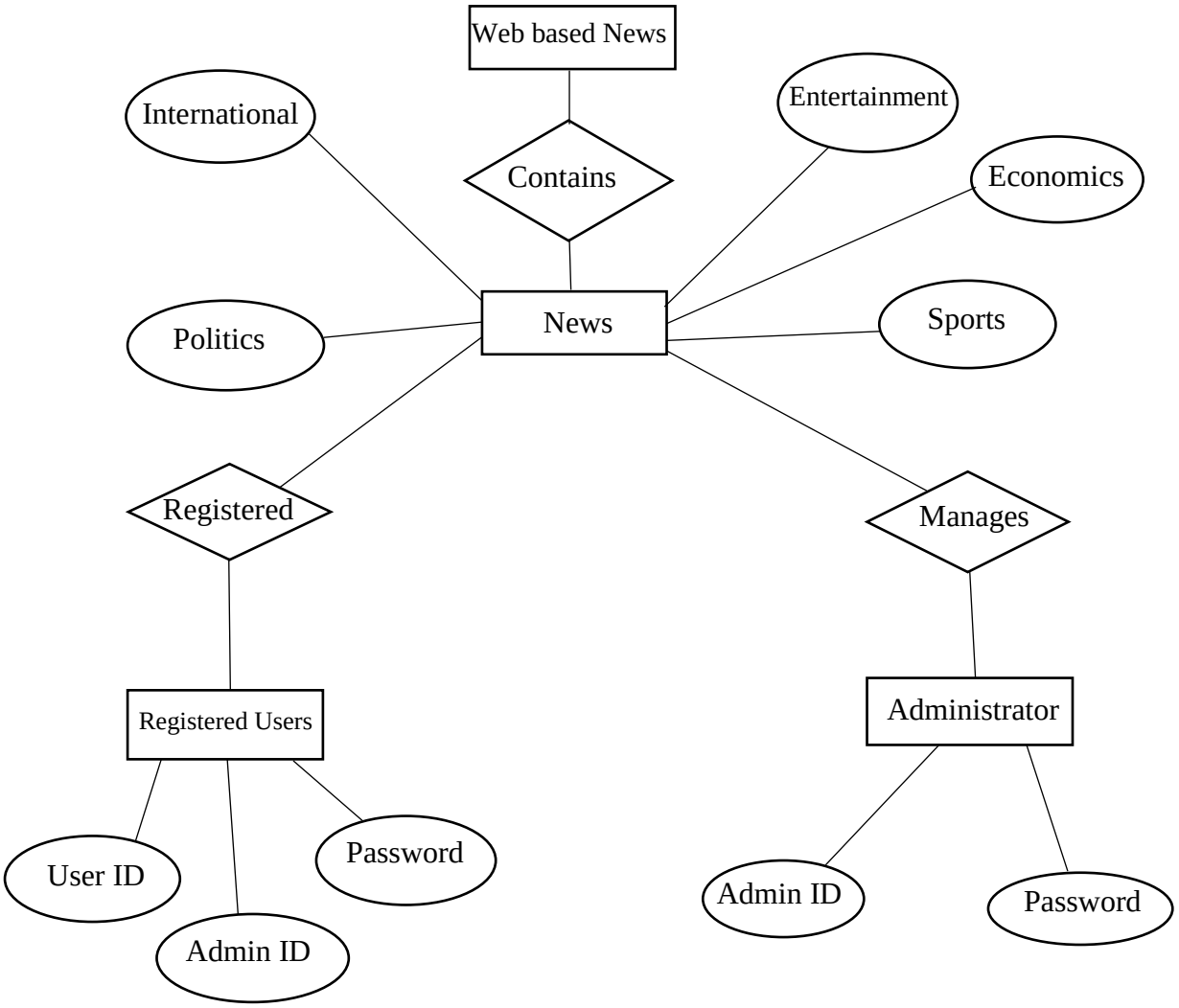

Figure 4. Block Diagram

4. Results

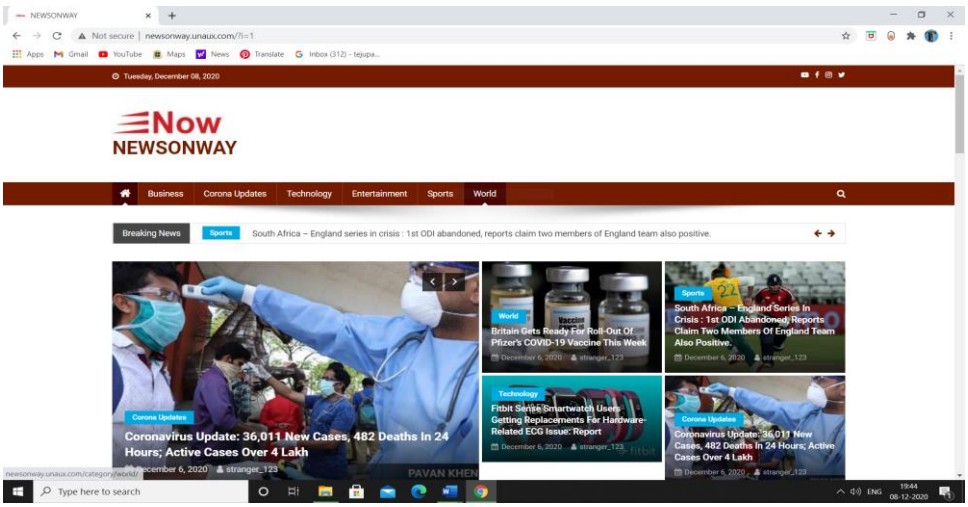

Figure 5. Home Page

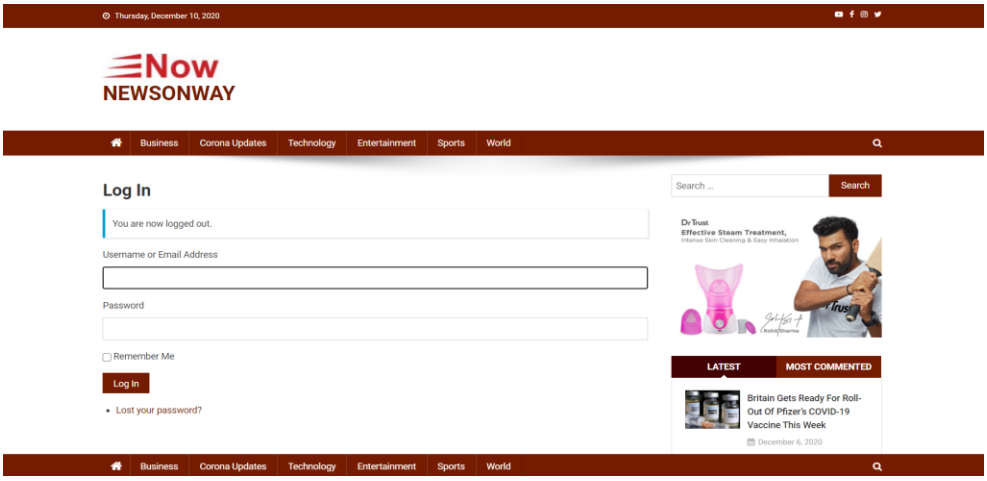

Figure 6. Admin Login

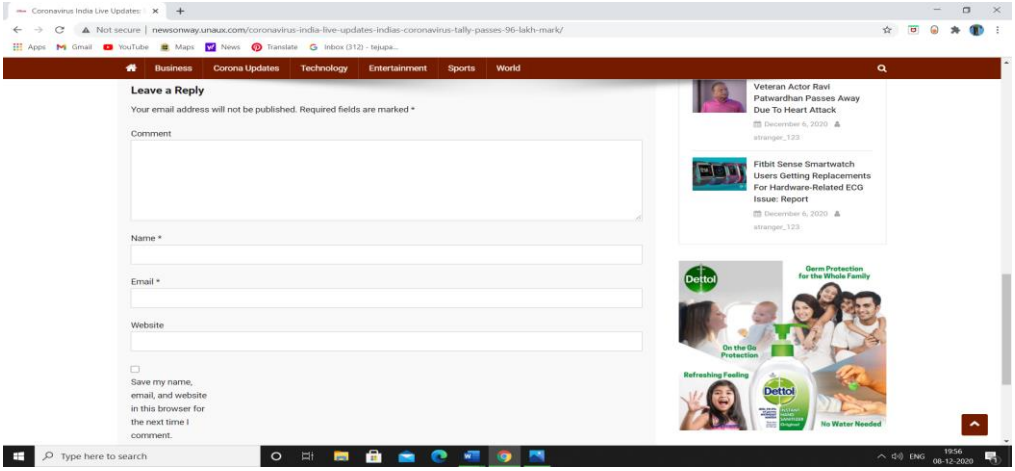

Figure 7. Comment Box

5. Conclusion

Networked information assets have appeared as the most powerful tool for instant access to information, transcending the borders of time and space. The internet has become the most extensively used information source that authorizes any person to get updated with the latest information. Today's users don't need to depend on conventional or traditional information ways to cope up with the latest developments. The study discloses that a good number of students access internet for a sizable portion of time on daily basis; with a majority, 52.5% students using it for 2-5 hours a day. . Further it shows that 72.5% of the students use it mostly for education-related purposes, trying to explore new techniques to achieve the goal and cope-up with the upcoming trends. Majority of the students (87.5%) mostly prefer to use technological innovations to evolve with the emerging trends and thus, make use of online newspapers. 70% of the students have adopted online news- papers for staying abreast of the current happenings so as to compete with the changing scenarios. Thus, online newspapers are calculated as a valid and current information sources by the university and students. But they have not incorporated their use with such a great regularity so as to derive all the potential to derive all the potential benefits from them, as majority of the students regularly don't use online newspapers.

6. Acknowledgement

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