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# Trending News Portal Application

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**Abstract:** *The spreading of fake news in the year of 2009 till 2019 touches 20% to 50%. 2019 is also considered as the fake news year. In 2020, is even worse than 2019. The fake news is mainly spread through social media and it is not even approved by the government. This is the cause of challenges of fake information met by normal people. Recently, when the government blocked the international border. Meanwhile, some social media channel said that there will be flights as usual from May. May become June still the government did not allow international flights. To overcome this problem the trending portal news app has been developed. The main purpose of it is to verify the news before publishing the link in the application. The target is to achieve 100% true news.*

## I. INTRODUCTION

The trending news will be uploaded by verifying that this news is 100% true. Algorithms are used to arrange the news according to its journal. The content will be divided into different journal such as education, sports, politics, economy and etc. Thus the user can easily read the news according to their mind-set. The development of portal for a system is dedicated to creating a society useful of important news. We are working in the field of rescue and over all development local area news. It has also become evident that such vast amount of information has been often too much for people to sift through in order to get to that one news they are interested in. Some news portal charges lump from their user, which is not affordable by some. If it is free then there exist fake news in the stack of news. Thus the users were disappointed by this. However, this portal app will charge 0 from the clients and only provide true news to the clients. The society has to build strong by true news rather than separating them by fake news. Some news authority take stands for one particular group, the ample proof for this statement is given by the United Nation's media survey saying that India media is the mostly corrupted media in the world. As a citizen of India, I too have the responsible to make my country to be shine among the other countries. This is why I choose this area, because the one who read the news should have the clarity about it and about our country.

## II. EXISTING SYSTEM

In the previous system, the cost is very high to purchase some of the application. While not everyone is able to afford for that. The second problem in here is fake news, sometimes they take a stand for one particular group and spread the news with the favour of that group. Journalism should be based on facts and truth. In addition, sometime the news is violent, age of the user should be considered. Last but not least, this application has some issues like navigation and publishing the news. The users find difficult to find their topic of news. For example, if a user wants to read a news about the sport, the user have to scroll up and down continuously for longer.

- A. Cost high, everyone are not comfort with the rate.
- B. Not user-friendly.
- C. Sometime news are violent and have pornography picture.
- D. Fake news still exist.

## III. PROPOSED SYSTEM

In this application, we mainly consider the age of the user. Violent articles are only readable by users who are above 20 years. Pornography images are strictly prohibited in this application. Those types of news will not publish in this application. Navigation process will be easier and the news will be separated according to the journal. It is completely free for Indian users, only from other nation have to pay for it. The news will be verified before publishing it on this portal.

- A. The users age will be consider.
- B. Will be very user friendly
- C. Free for local users and low charges for international users.
- D. Fake news will be removed.

#### IV. USERCASE DIAGRAM



FIG 1: Authorities given for user and administration.

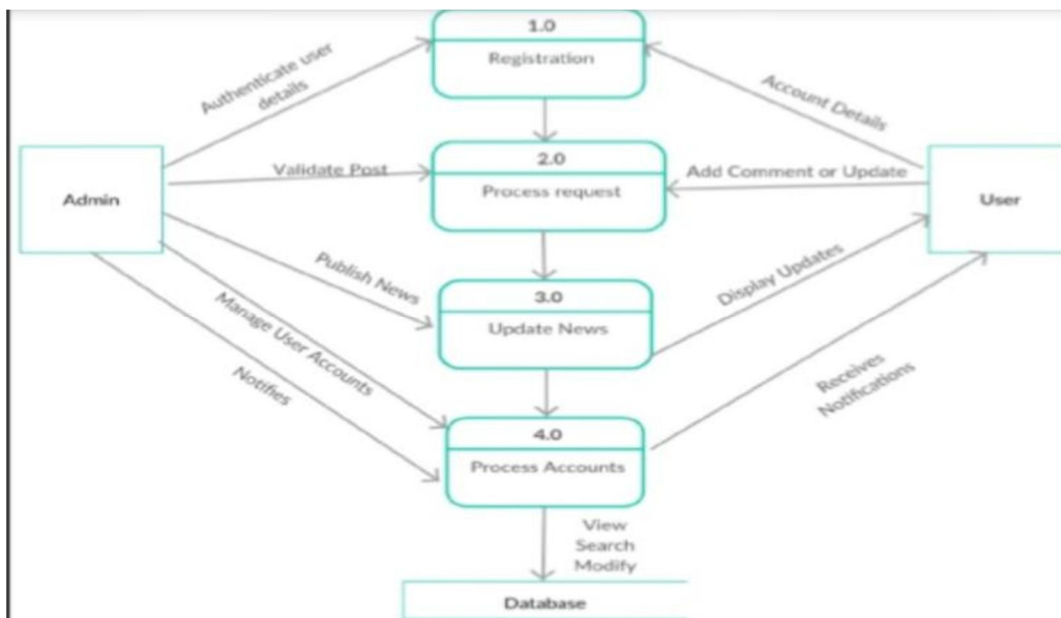


FIG 2: The process for displaying the news.

#### V. CONCLUSIONS

I'm proud to choose this sector, because through this sector, we are able reach all groups of people regardless their age. After law and government, journalism is an important sector to help common citizens. The pen of a journalist is equally powerful as a judge's pen. The younger generation will have new chances and opportunity in this field in future. This would be a golden chance to unite our public and make some miracle in the world history. This would be a very successful sector and it have to be modified according to the timeline. The government has to also be a part in this and support the new ideas for this sector. Sure, our government will support this idea and help for further process. Everyone will find this application useful regardless age and society. This would be an amazing news portal app only if it become a success and when follows the main idea to build this framework.

## VI. FUTURE ENHANCEMENT

In future, this can be broad up from local news to international news portal. The international news also can be published through this portal with low cost, which is affordable by everyone. More implementation can be brought to this sector, according to the time period. There is a bright future in this sector. We can also add up the education system with this too. But for this more work and effort are required. One who wants to implement this sector with education should have more care and aware of requirement of common people.

## REFERENCES

- [1] Bennett-woods, "Ethics at a glance," p. 34, 2005.
- [2] S. Afroz, M. Brennan, and R. Greenstadt, "Detecting hoaxes, frauds, and deception in writing style online," Proc. - IEEE Symp. Secur. Priv., pp. 461-475, 2012.
- [3] H. M. Jung, "Information Manipulation Through the Media," J. Media Econ., vol. 22, no. 4, pp. 188-210, 2009.
- [4] J. Wayman, N. Orlans, Q. Hu, F. Goodman, A. Ulrich, and V. Valencia, "Technology Assessment for the State of the Art Biometrics Excellence Roadmap. Volume 2 (of 3). Face, Iris, Ear, Voice, and Handwriter Recognition," vol. 2, no. JUNE 1987, 2008.
- [5] T. Dirsehan and M. Çelik, "Profiling online consumers according to their experiences with a special focus on the social dimension," Procedia - Soc. Behav. Sci., vol. 24, pp. 401-412, 2011.
- [6] K. Ikeda, G. Hattori, C. Ono, H. Asoh, and T. Higashino, "Twitter user profiling based on text and community mining for market analysis," Knowledge-Based Syst., vol. 51, pp. 35-47, 2013.
- [7] A. Muñoz, J. Lasheras, A. Capel, M. Cantabella, and A. Caballero, "OntoSakai: On the optimization of a Learning Management System using semantics and user profiling," Expert Syst. Appl., vol. 42, no. 15-16, pp. 5995-6007, 2015.
- [8] J.-W. van Dam and M. van de Velden, "Online profiling and clustering of Facebook users," Decis. Support Syst., vol. 70, pp. 60-72, 2015.
- [9] C. M. Fuller, D. P. Biros, and R. L. Wilson, "Decision support for determining veracity via linguistic-based cues," Decis. Support Syst., vol. 46, no. 3, pp. 695-703, 2009.
- [10] L. M. Van Swol and M. T. Braun, "Communicating Deception: Differences in Language Use, Justifications, and Questions for Lies, Omissions, and Truths," Gr. Decis. Negot., vol. 23, no. 6, pp. 1343-1367, 2013.
- [11] N. B. Ellison, J. T. Hancock, and C. L. Toma, "Profile as a promise: A framework for conceptualizing veracity in online dating self-presentations," New Media Soc., vol. 14, no. 1, pp. 45-62, 2012.
- [12] B. E. Hilbig, "How framing statistical statements affects subjective veracity: Validation and application of a multinomial model for judgments of truth," Cognition, vol. 125, no. 1, pp. 37-48, 2012.
- [13] J. Zaparniuk, J. C. Yuille, and S. Taylor, "Assessing the credibility of true and false statements," Int. J. Law Psychiatry, vol. 18, no. 3, pp. 343-352, 1995.
- [14] T. R. Levine, L. N. Anders, J. Banas, K. L. Baum, K. Endo, A. D. S. Hu, and N. C. H. Wong, "Norms, expectations, and deception: A norm violation model of veracity judgments," Commun. Monogr., vol. 67, no. 2, pp. 123-137, 2000.
- [15] L. Zhou, J. K. Burgoon, J. F. Nunamaker, and D. Twitchell, "Automating Linguistics-Based Cues for detecting deception in text-based asynchronous computer-mediated communication," Gr. Decis. Negot., vol. 13, no. 1, pp. 81-106, 2004.
- [16] J. K. Burgoon, J. P. Blair, T. Qin, and J. F. Nunamaker, "Detecting deception through linguistic analysis," Proc. First NSF/NIJ Symp. Intell. Secur. Informatics, pp. 91-101, 2003.
- [17] T. R. Levine, H. S. Park, and S. a. McCornack, "Accuracy in detecting truths and lies: Documenting the 'veracity effect,'" Commun. Monogr., vol. 66, no. 2, pp. 125-144, 1999.
- [18] T. Lukoianova and V. L. Rubin, "Veracity roadmap: Is big data objective, truthful and credible?," Adv. Classic. Res. Online, vol. 24, pp. 4-15, 2013.
- [19] T. Bodnar, E. Toddbodnargmailcom, C. Tucker, K. Hopkinson, E. Kennethhopkinsonafitedu, and S. G. Bil, "Increasing the Veracity of Event Detection on Social Media Networks Through User Trust Modeling," pp. 636-643, 2014.
- [20] B. Kitchenham, O. Pearl Brereton, D. Budgen, M. Turner, J. Bailey, and S. Linkman, "Systematic literature reviews in software engineering - A systematic literature review," Inf. Softw. Technol., vol. 51, no. 1, pp. 7-15, 2009.





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