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Tribhuvan University
Faculty Of Humanities And Social Science
Online news

A Proposal Report

Submitted to

Department of Computer Application

Nepalgunj Campus Of Management And Technology

Nepalgunj, Banke

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1. Introduction of Proposed Project

Online news has revolutionised the way we consume and interact with information in the digital age. With the advent of the internet news outlets have rapidly adapted to the online landscape, offering instantaneous access to news stories, articles, and multimedia content. Online news platforms have become an integral part of our daily lives, providing us with real-time updates on local and global events, politics, business, sports, entertainment, and more.

One of the key advantages of online news is its immediacy. Unlike traditional print media, online news allows for the rapid dissemination of information, ensuring that users can access breaking news as it unfolds. This real-time reporting fosters a sense of connectedness and engagement with current events, enabling individuals to stay informed and participate in ongoing discussions.

Moreover, online news provides a vast array of options and customization. Users can choose from a multitude of news websites, applications, and social media platforms to curate their news consumption based on their interests and preferences. Whether it's politics, technology, health, or culture, there is an abundance of sources catering to every niche, ensuring that users can access the content that resonates with them the most.

Online news also offers multimedia features that enhance the storytelling experience. Through videos, images, infographics, and interactive elements, news outlets can provide a more immersive and engaging way to consume information. These visual and interactive components can help clarify complex topics, offer additional context, and bring stories to life in a way that traditional print media cannot.

Furthermore, online news fosters global connectivity and transcends geographical boundaries. With just a few clicks, users can access news from around the world, gaining insights into diverse perspectives and expanding their understanding of global issues. This interconnectedness allows for a more nuanced and inclusive approach to news consumption, promoting cultural exchange and fostering a more informed and empathetic global citizenry.

However, online news also poses challenges and raises concerns. The proliferation of misinformation and fake news is a significant issue in the digital age, requiring users to be vigilant in evaluating the credibility and accuracy of the sources they encounter. Additionally, the algorithms and personalization features employed by online news platforms can create filter bubbles, where individuals are exposed only to content that aligns with their existing beliefs, potentially leading to echo chambers and the reinforcement of biases.

In conclusion, online news has transformed the way we access and engage with information, providing us with immediate updates, customization options, multimedia features, and global connectivity. It has become an indispensable tool for staying informed, empowering individuals to actively participate in the discourse of our rapidly changing world. However, it is essential to approach online news critically and discerningly to navigate the challenges posed by misinformation and filter bubbles, ensuring a balanced and well-rounded understanding of the world around us.

Regenerate response

2. Problem Statement

1. Misinformation and Fake News: One of the biggest challenges in online news is the proliferation of misinformation and fake news. With the ease of publishing and sharing information.

3. Decline of Traditional Journalism: The rise of online news has disrupted traditional journalism models, leading to a decline in revenue for traditional news outlets. This financial strain can impact the quality of journalism, resulting in fewer resources for investigative reporting and in-depth coverage.

4. Privacy and Data Security: Online news platforms often collect user data to personalise content and target advertisements. This raises concerns about privacy and data security, as users' personal information may be vulnerable to misuse or unauthorised access.

5. Overwhelming Information Overload: The abundance of online news sources and constant flow of information can lead to information overload. Users may find it

challenging to navigate through the vast amount of content, identify reliable sources, and separate important news from trivial or sensationalist stories.

Addressing these problems requires a multifaceted approach involving media literacy education, fact-checking initiatives, improved verification processes, transparency in sourcing and reporting, algorithmic transparency, and responsible data handling practices. Additionally, fostering a culture of critical thinking and encouraging diverse perspectives can help combat the challenges posed by online news.

3. Objectives

The problems and objectives of an online news project can vary depending on the specific context and goals of the project. However, here are some common problems and corresponding objectives that online news projects often aim to address:

- 1. Disinformation and Fake News:** Objective: Ensure the dissemination of accurate and reliable news by implementing rigorous fact-checking processes, verifying sources, and combating misinformation.
- 2. Declining Trust in Journalism:** Objective: Rebuild trust with the audience by maintaining high journalistic standards, promoting transparency, and adhering to ethical guidelines.
- 3. User Engagement and Retention:** Objective: Increase user engagement and encourage users to stay connected to the news platform by providing compelling and relevant content, fostering discussions, and incorporating interactive features.
- 4. Personalization and Customization:** Objective: Enhance user experience by offering personalised news recommendations, tailored content based on user preferences, and customization options for the user interface.
- 5. Revenue Generation and Sustainability:** Objective: Develop a viable business model to generate revenue and ensure the long-term sustainability of the online news project. This may involve strategies like advertising, subscriptions, sponsored content, or partnerships.
- 6. Accessibility and Inclusivity:** Objective: Ensure that the online news platform is accessible to a diverse range of users, including those with disabilities or limited internet connectivity. This may involve providing alternative formats, translations, or optimising for different devices.

7. Platform Security and Data Privacy: Objective: Implement robust security measures to protect user data, secure the platform against cyber threats, and maintain user privacy.

8. Mobile Optimization: Objective: Optimise the online news project for mobile devices, considering the growing number of users accessing news through smartphones and tablets.

9. Social Impact and Responsible Reporting: Objective: Promote responsible journalism that highlights important social issues, contributes to public discourse, and drives positive social impact.

10. Community Building: Objective: Foster a sense of community and user participation by enabling user-generated content, facilitating meaningful interactions among users, and encouraging feedback and contributions.

These objectives can serve as a starting point, and it's important to tailor them to the specific goals, target audience, and values of the online news project.

4.Methodology

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In this proposal report we are using many methodologies. Here we are using functional and nonfunctional requirements and designing tools.

This project report was designed with a data flow diagram and We are going to use the waterfall methodology while building this website.

Programming language: -

❖ Front end

- Html
- CSS
- Java script

❖ Back end

- PHP
- Java script
- My SQL

a) Requirement Identification

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i) Functional Requirements:

- Administrator will be able to check the user the user's information
- Administrator will be verifying users' accounts and giving them the right to access the right.
- Users will be able to register and login.
- The Administrator can create users as per user requirement.
- Admin can upload the data.

ii) Non-Functional Requirements:

- Availability: It will be available online.
- Security: This system will be secure and the user's information won't be available for other users' privacy.
- Performance: This system will be designed for smooth performance with optimization and good response.
- Reliability: It will be reliable for the user.

b) Feasibility Study

i) Technical Feasibility

In order to design this system, it uses off-self and existing technologies, software and hardware so there is no technological hurdle to build this system. Technical feasibility centres on the existing computer system i.e., Hardware, software etc. college requires SQL database management that are all easily available with extensive development support through manuals and blogs.

ii) Operational Feasibility

This system uses simple technologies to design, So, it is user friendly. Operational feasibility means it is possible to practically implement the project. While opening this website, the hardware and software requirements should be specified. Our system will be easy to open and use. Hence our system is operationally feasible.

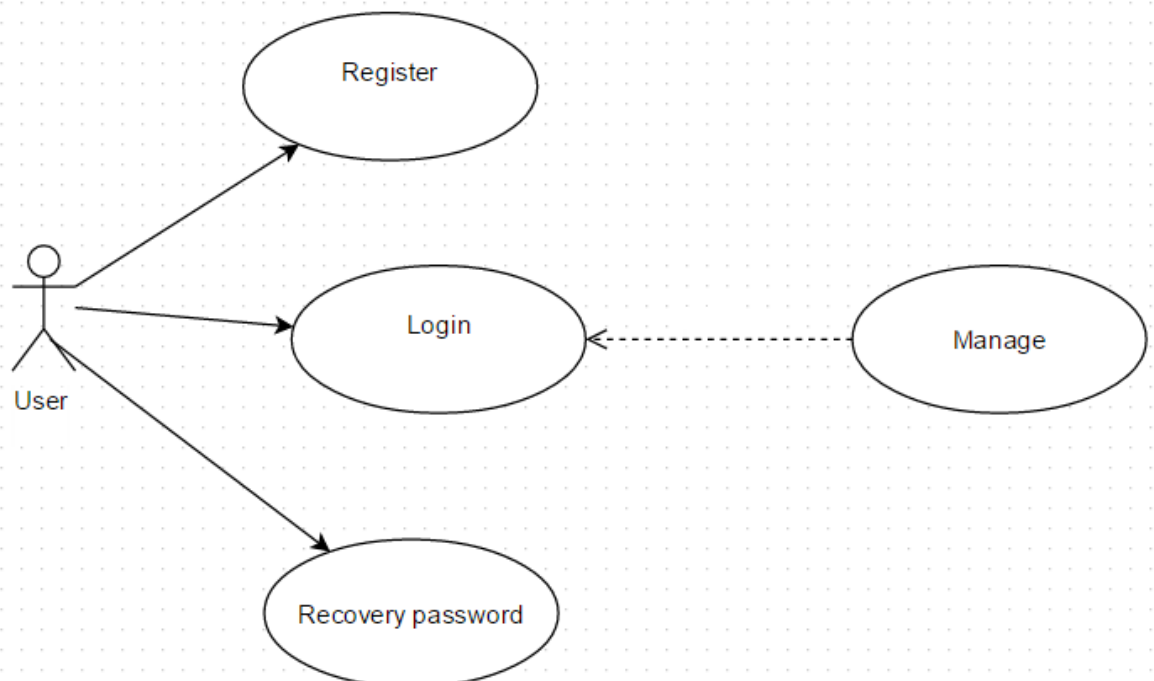
iii) **Economic Feasibility**

The system does not require extra software and hardware i.e., it uses open-source technologies. So, there is no recurring cost other than just the internet connection. More commonly known as cost benefits analysis, the procedure is to determine the benefits and savings that are expected from the candidate system and compare them with costs. If the benefits outweigh costs, then the decision is made to design and implement the system.

c) **System Design**

i) **Data Flow Diagram**

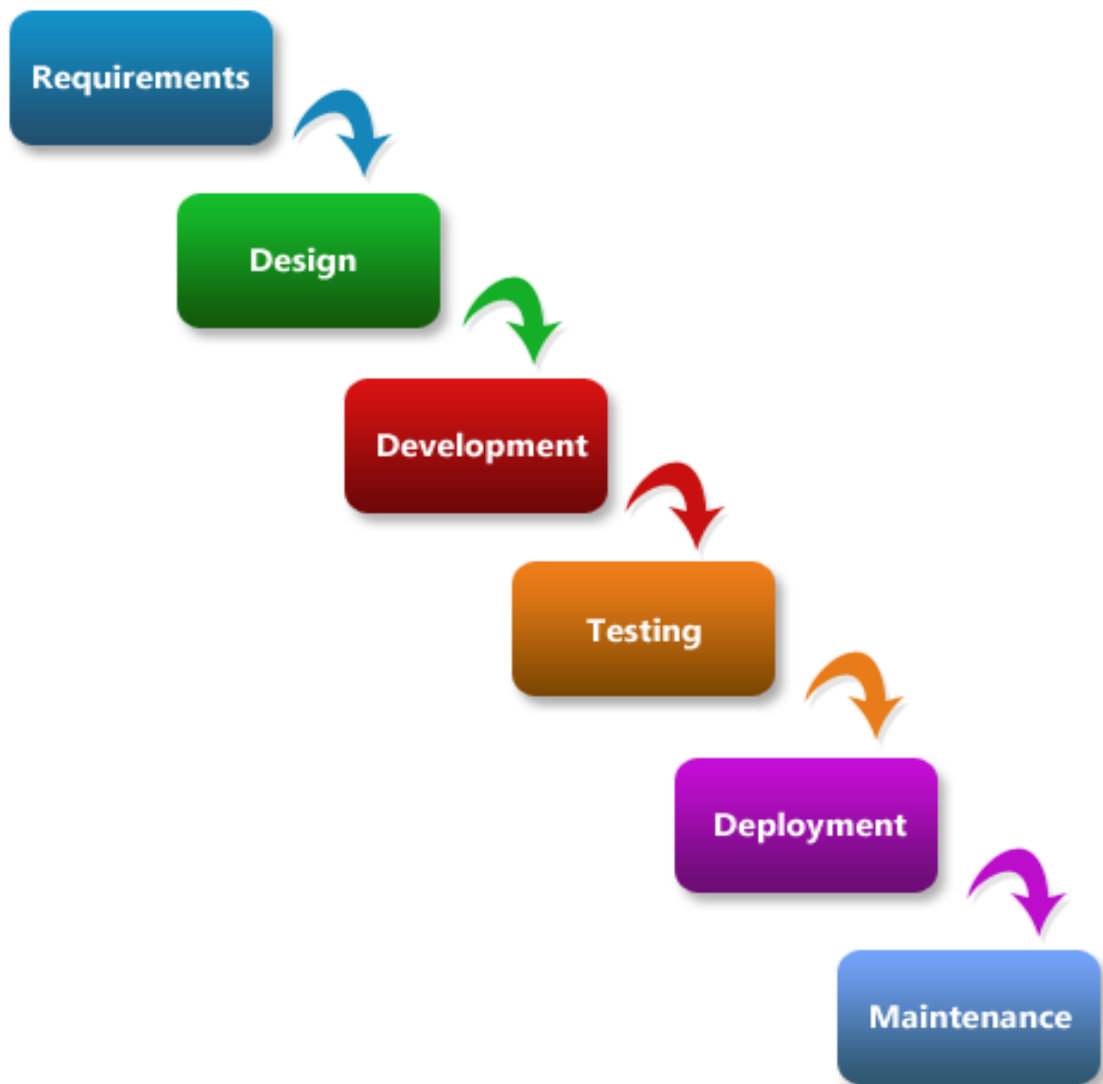
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ii) WaterfallMethod

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Waterfall Methodology



4.2 Testing

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Once the code is generated, the website testing begins. Different testing methodologies are to unravel the bugs that were committed during the previous phases. The completion of a system will be achieved only after it has been thoroughly tested. Though this gives a feel the project without going through this stage. Hence in this stage it is decided whether the project can undergo the real time environment execution without any break downs, therefore a package can be rejected even at this stage.

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5. GanttChart

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Project Schedule

	Start date	End date	1	2	3	4	5	6	7	8	9	status
Planning	20 Falgun	30 Falgun										Complete
Analysis	02 Chaitra	09 Chaitra										Complete
Design	10 Chaitra	30 Chaitra										Active
Coding	01 Baisakh	12 Baishak										Upcoming
Testing	13 Baishak	25 Baishak										Upcoming
delivery	25 Baisakh	10 Jestha										Upcoming

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6. Expected Outcome

The expected outcome of online news can vary depending on various factors. Here are some possible outcomes:

- **Wide accessibility:** Online news allows people from around the world to access news articles, videos, and other media instantly. This increased accessibility enables individuals to stay informed about local, national, and international events, regardless of their geographical location.
- **Real-time updates:** Online news platforms can provide real-time updates on breaking news stories, allowing users to stay up to date with the latest information. This immediacy helps in spreading news rapidly and facilitates timely awareness of events.
- **Diverse perspectives:** Online news sources often offer a broader range of perspectives compared to traditional media outlets. This diversity of viewpoints allows readers to engage with different opinions and promotes a more comprehensive understanding of complex issues.
- **User participation:** Online news platforms often provide interactive features such as comment sections, social media sharing, and the ability to engage in discussions. This fosters greater participation from users, enabling them to voice their opinions, share their experiences, and contribute to the conversation surrounding news topics.
- **Fake news and misinformation:** The digital landscape also presents challenges such as the spread of fake news and misinformation. Online news platforms can be susceptible to the dissemination of inaccurate or misleading information, which can have detrimental effects on public understanding and decision-making.
- **Personalised content:** Many online news platforms use algorithms to personalise content based on users' preferences and browsing history. While this can enhance user experience by delivering relevant news, it can also create filter bubbles, limiting exposure to diverse perspectives and potentially reinforcing pre-existing biases.
- **Evolving business models:** The shift to online news has disrupted traditional business models, with a significant impact on the journalism industry. News organisations have had to adapt to new revenue streams, such as digital

advertising and subscription models, while facing challenges related to declining print revenues and monetizing online content.

- Overall, online news has transformed the way people consume and engage with news. While it offers benefits such as accessibility and real-time updates, it also presents challenges related to information accuracy and the sustainability of news organisations.

7. Reference

- Database management System
- <https://www.onlinekhabar.com>
- <https://www.w3schools.com>
- <https://stackoverflow.com>