UNIVERSITY OF BARISHAL

PROJECT PROPOSAL

(NST 60 Seconds Newspaper: A Smart Online News Platform)

COURSE TITLE   : Web Engineering Lab

COURSE CODE   : CSE-2210

SUBMITTED TO   : Md Samsuddoha
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NST 60 Seconds Newspaper: A Smart Online News Platform

Introduction

In today's fast-moving world, people often do not have enough time to read long and detailed news articles. Many online newspapers use confusing headlines or clickbait, which makes it difficult for readers to understand the real story quickly.

NST 60 Seconds Newspaper is a modern online news web application designed to deliver accurate, clear, and easy-to-read news summaries. Each news story is presented in a short format that can be read in just 60 seconds. The platform focuses on clarity, honesty, and speed — without confusion or misleading headlines.

The system also helps administrators, editors, and journalists manage news content efficiently while providing readers with free access to updated news and breaking news notifications.

Problem Statement

- Long and time-consuming news articles
- Misleading clickbait headlines
- Too many advertisements that disturb reading
- Lack of fast and simple news summaries
- Poor management of news, employees, and feedback

Objectives of the Project

General Objective

To develop a user-friendly online newspaper web application that delivers short, clear, and accurate news within 60 seconds.

Specific Objectives

- To create a digital system for managing news articles
- To provide breaking news notifications to users
- To allow readers to filter news by category (Sports, Politics, Technology, etc.)
- To design separate panels for Admin, Editors, and Journalists

> ➤ To collect and manage reader feedback.

Scope of the Project

The system will:

- ✓ Manage all news content digitally
- ✓ Assign tasks to journalists and editors
- ✓ Allow users to read news summaries quickly
- ✓ Provide category-based filtering
- ✓ Offer breaking news notifications
- ✓ Enable readers to submit feedback
- ✓ Provide an advertisement-free reading option

The project will not include:

- Printed newspaper distribution
- Video streaming services
- Paid subscription system (initial version)

Methodology

1. Requirement Analysis

- Identify reader and administrator needs
- Define system features and limitations

2. System Design

- Design database structure for users, news articles, categories, contact us and feedback
- Create user interface designs for dashboards and homepage

3. Development

1. Frontend: HTML 5, CSS, Bootstrap, JavaScript, jQuery
2. Backend: PHP
3. Database: MySQL
4. Notification system implementation

4. Testing

- Functional testing
- Security testing
- Usability testing
- Performance testing

5. Deployment

- Local deployment using XAMPP
- Optional cloud hosting

Expected Outcomes

- ✓ A fully functional online newspaper web application
- ✓ 60-second easy-to-read news summaries
- ✓ Real-time breaking news notifications
- ✓ Organized management of news and employees
- ✓ Reader-friendly and advertisement-free experience
- ✓ Analytics dashboard for administrators

Significance of the Project

- ➢ **Readers:** Quick access to clear and reliable news
- ➢ **Journalists & Editors:** Easy content management and publishing
- ➢ **Administrators:** Organized control over news and staff
- ➢ **Society:** Faster access to truthful information without clickbait

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Estimated Budget

Item No.	Item Description	Cost (BDT)
1	Domain Name (.com for 1 year)	1,500
2	Web Hosting (1 year – optional cloud hosting)	3,000
3	Development Tools & Software	2,000
4	Documentation & Printing	1,000
5	Presentation Materials (Poster, Slides, Banner)	1,500
6	Contingency (Miscellaneous Expenses)	2,500

Total Estimated Budget: 11,500 BDT

Funding Sources:

- ➢ University Department Grant
- ➢ Student Project Fund
- ➢ Personal Contribution (Team Members)

Project Timeline (Estimated)

Phase	Duration	Activities
Requirement Analysis	1 Week	User needs, system requirements, feasibility study
System Design	1 Week	Database design, architecture planning
Development	5 Weeks	Frontend development, backend development, news management system, notification integration
Testing	1 Week	Functional, security, usability, performance testing
Deployment & Documentation	1 Week	System deployment, user manual, final report

- ➢ **Total: 9 Weeks**

Conclusion

NST 60 Seconds Newspaper is a smart and innovative online news platform that focuses on simplicity, speed, and clarity. It helps readers understand the full story in just 60 seconds while giving administrators and editors powerful tools to manage content efficiently.