

# Project Proposal

**Title:** Development of an Online Bangla Newspaper Portal

**Prepared By:** ZPO Tech

---

## 1. Project Overview

This proposal outlines the development of a Mid-level online Bangla newspaper portal that will cater to global users. The platform will include a user-friendly frontend for seamless access to news and an advanced admin dashboard for managing content and operations efficiently.

The website will support the following key features:

- User interface (UI) for browsing, filtering, searching, and sharing news.
  - Role-based admin dashboard for creating, updating, and deleting news articles.
  - Responsive design to ensure compatibility across devices.
  - Backend system powered by Laravel 11 for robust functionality.
  - Database integration with MySQL for efficient data management.
- 

## 2. Features and Functionalities

### Frontend Functionalities

1. **News Categories:** Users can browse news by categories such as Politics, Sports, Entertainment, Technology, etc.
2. **Search and Filter:** Advanced search and filtering options for easy access to specific news articles.
3. **Social Sharing:** News articles can be shared on social platforms like Facebook, Twitter, etc.
4. **Responsive Design:** Optimized for desktops, tablets, and smartphones.
5. **Language Support:** Entire portal will be in Bangla, ensuring a localized experience for users.

### Backend (Admin Dashboard) Functionalities

1. **News Management:** Create, update, delete, and publish news articles.
2. **Category Management:** Add, update, and organize news categories.
3. **User Role Management:**
  - **Admin:** Full access to all functionalities.
  - **Editor:** Limited access to create and manage news.

4. **Analytics Dashboard:** Insights into traffic, popular categories, and user behavior.
5. **Security:** Robust authentication and data security mechanisms.

### Additional Functionalities

- SEO-friendly URLs for better search engine visibility.
  - Email subscription for news updates.
  - Comment moderation (optional).
- 

## 3. Technology Stack

### Frontend:

- HTML, CSS (Bootstrap/Tailwind), JavaScript (Vanilla/React), and relevant JS libraries/frameworks.

### Backend:

- Laravel 11 (PHP Framework).

### Database:

- MySQL.
- 

## 4. Cost Breakdown

### Domain and Hosting

- **Domain Name:** BDT 1,000/year (approximate).
- **Web Hosting:** BDT 5,000–10,000/year for a mid-level shared hosting plan with good bandwidth and storage.
  - Recommended providers: Namecheap, Hostinger, or a local Bangladeshi hosting provider.

### Development Costs

- **Frontend Development:** BDT 30,000.
- **Backend Development:** BDT 40,000.
- **Database Design and Integration:** BDT 15,000.
- **Testing:** BDT 10,000.

## Maintenance Costs

- Monthly maintenance (bug fixes, content updates, etc.): BDT 2,500.

## Miscellaneous Costs

- SSL Certificate: BDT 1,500/year (approximate).
  - Third-party libraries or APIs (**if needed**): BDT 10,000 (one-time).
- 

## 5. Total Estimated Cost

Item	Cost (BDT)
Domain Name	1,000/year
Web Hosting	5,000–10,000/year
Frontend Development	30,000
Backend Development	40,000
Database Design and Integration	15,000
Quality Assurance and Testing	10,000
Maintenance (Yearly)	30,000 (2,500/month)
SSL Certificate	1,500/year
Miscellaneous	5,000 (one-time; if needed)

**Total Cost (Year 1):** BDT 137,500–142,500 (Approximate; Based on requirements the budget amount (+-) will be set)

---

## 6. Timeline

The project will be completed within **12–16 weeks** as per the following schedule:

1. **Week 1–2:** Requirements gathering and wireframing.
  2. **Week 3–6:** Frontend development.
  3. **Week 7–10:** Backend development and database integration.
  4. **Week 11–12:** Quality assurance and testing.
  5. **Week 13–14:** Deployment and final adjustments.
-

## **7. Conclusion**

This proposal provides a comprehensive plan for developing your Bangla newspaper portal, ensuring a professional and seamless experience for both users and administrators. With a focus on functionality, scalability, and security, the project will meet your business objectives effectively.

We look forward to your feedback and approval to initiate the development process.

### **Contact Information:**

ZPO Tech

Dhaka-1215, Bangladesh

[zpo.nayeem@gmail.com](mailto:zpo.nayeem@gmail.com)

+8801737893253