

**INTERNSHIP PROGRAM AS A “WEB DEVELOPER” IN
“EDUCITY TECHNOLOGY”**

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This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering

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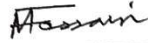
Dhaka, Bangladesh

DECEMBER 2

APPROVAL

This Project/internship titled “Web Developer”, submitted by **Md Yeasir Arafat**, ID: 172-15-9897 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 13 January, 2025.

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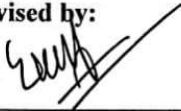
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Declaration

We hereby declare that, this project has been done by us under the supervision of **Mr. Md. Sazzadur Ahamed, Assistant Professor and Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ACKNOWLEDGEMENT

First and foremost, I am profoundly grateful to Almighty Allah for His endless blessings and guidance, which have enabled me to successfully complete my final-year internship. I would like to express my heartfelt appreciation to my supervisor **Md. Sazzadur Ahamed, Assistant Professor**, Department of CSE Daffodil International University, Dhaka. Deep Knowledge & keen interest of our supervisor in the field of “**Web Application Development**” to carry out this project. His endless patience ,scholarly guidance ,continual encouragement , constant and energetic supervision, constructive criticism , valuable advice ,reading many inferior draft and correcting them at all stage have made it possible to complete this project. We would like to express our heartiest gratitude to **Dr. Sheak Rashed Haider Noori** professor and Head, Department of CSE, for his kind help to finish our project and also to other faculty member and the staff of CSE department of Daffodil International University. I would like to thank our entire course mate in Daffodil International University, who took part in this discuss while completing the course work. Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

During my internship as a Web Application Developer, I had the opportunity to explore and apply modern web technologies while working on diverse projects. This internship provided a comprehensive experience in developing dynamic and scalable web applications, leveraging tools such as HTML5, CSS3, JavaScript, PHP, Vue Js, and the Laravel framework. The work environment included collaborating with a skilled team, where I gained insights into effective teamwork and cooperative problem-solving. The internship highlighted the significance of project workflows, from task assignment to deployment, and demonstrated the importance of efficient coordination in large teams using modern process models. My primary responsibilities included developing various web-based solutions, such as news portals, each requiring unique approaches and innovative implementations. These experiences not only deepened my technical expertise but also enhanced my understanding of practical application development, task management, and the iterative design process. This report reflects on the challenges faced, the solutions implemented, and the valuable knowledge gained during this transformative phase of my career.

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CHAPTER 1

Introduction

1.1 Introduction

I have completed an internship as a Backend Web Application Developer at **Educity Technology**, where I had the opportunity to gain practical experience in web application development. This program introduced me to fundamental and advanced web technologies, such as HTML5, CSS3, JavaScript, PHP, and Laravel. It also involved working on projects based on client-specific requirements and Code Canyon market trends, allowing me to explore various aspects of real-world development. The internship proved to be a valuable gateway into the professional world of web development. It offered hands-on exposure to creating dynamic, user-centered applications and prepared me to meet the demands of the modern tech-driven era. This experience enabled me to enhance my skills in backend development, while also learning the importance of client satisfaction and delivering efficient solutions. By working on diverse projects, I was able to solidify my understanding of development processes and take an essential step toward a promising career in web application development.

1.2 Motivation

First of all, **Educity Technology** is an excellent place for aspiring web developers. During my internship, I worked on enhancing my skills and building a strong foundation for a successful career in web application development. I believe this career path is among the most impactful in the 21st century, offering immense potential for growth and innovation. The dynamic and collaborative environment at Educity Technology provided me with an opportunity to learn and adapt to new technologies, strategies, and ideas. As an online education platform, Educity is dedicated to empowering both its employees and users through innovative solutions. This experience has significantly contributed to my professional growth, equipping me with the skills to support the advancement of any company and work effectively as part of a high-performing team. Moreover, the internship has motivated me to pursue challenging and creative roles in dynamic workplaces where I can leverage my technical expertise and continue to grow professionally. It has also inspired me to consider entrepreneurial ventures, aiming to apply my knowledge to create impactful solutions in the future.

1.3 Internship Objectives

Internships play a pivotal role in bridging the gap between academic learning and professional practice. They provide individuals with practical exposure, enabling them to understand how theoretical knowledge is applied in real-world scenarios. The primary objective of internships is to equip students or young professionals with hands-on experience, helping them build technical skills, industry knowledge, and professional confidence.

One of the key goals of an internship is skill development. Interns gain proficiency in tools, technologies, and methodologies specific to their field. For example, a web development internship may involve working with programming languages, frameworks, and debugging tools. Beyond technical skills, interns also develop soft skills like communication, teamwork, and problem-solving, which are critical for career success.

Internships also aim to introduce individuals to the professional work environment. By working in an organizational setting, interns learn about workplace ethics, time management, and collaboration. They become familiar with how teams function, how projects are managed, and how to meet deadlines effectively. This exposure helps prepare them for the challenges of full-time roles.

Another important objective is career exploration. Internships allow individuals to test their interest in a specific field, role, or industry. This experience helps them clarify their career goals and make informed decisions about their future.

Building a professional network is another significant outcome of internships. Interns have the chance to interact with experienced professionals, mentors, and peers, forming connections that can support their career growth. In summary, internships serve as a foundational experience, offering a blend of learning, skill-building, and professional exposure. They not only prepare individuals for future roles but also empower them to make confident, informed decisions about their careers.

1.4 Introduction to the Company

Educity Technology is the country's first career guidance e-learning platform, dedicated to empowering engineering students, particularly diploma students, who often lack access to proper career guidance. The platform is designed to help students align their academic journey with the demands of the job market. For instance, a Computer Science student can learn in-demand technologies while still studying, enabling them to secure employment immediately after graduation. Founded by experienced IT professionals Engr. Aminul Hai and Engr. Riazul Islam Murad, Educity focuses on creating personalized career roadmaps that help students optimize their four-year academic journey by combining skill development with theoretical learning. Its mentors include teachers from reputed institutions and skilled engineers from the industry. Registered under Dhaka North City Corporation, Educity ensures credibility and trust. With its mission to guide students towards academic excellence and career readiness, Educity is redefining e-learning and career preparation in the country.

1.5 Objective of Educity Technology

Educity Technology aims to revolutionize education and skill development for diploma students by providing comprehensive online learning opportunities and career guidance. The company strives to bridge the gap between academic knowledge and industry requirements, enabling students to build in-demand skills alongside their studies. Educity is committed to helping students create personalized career roadmaps, ensuring they are well-prepared for the job market upon graduation. Additionally, Educity leverages its expertise in technology to develop innovative software solutions for clients, fostering growth and efficiency. Through these efforts, Educity seeks to empower students and businesses alike, driving progress and success in the modern world.

CHAPTER 2

Introduction to the Project

2.1 Introduction to the Project

Project Title: MoreNews BD

URL: MORENEWSBD.COM

More News BD is a modern online news platform built to deliver the latest updates and stories in an organized and user-friendly manner. The platform focuses on scalability, performance, and delivering a smooth user experience across all devices.

The project utilizes the following technologies:

Laravel Framework for backend development, ensuring secure data handling and efficient API integration.

Vue.js for the frontend, enabling a dynamic and interactive user interface.

Bootstrap for creating a responsive, mobile-friendly design that adapts to different screen sizes.

2.2 Key Features:

1. Categorized news sections for improved navigation.
2. A dynamic frontend powered by Vue.js for a seamless user experience.
3. Backend functionality for managing and publishing news articles.
4. Scalable database design to accommodate increasing traffic and content.
5. A responsive layout for optimal performance on both desktop and mobile devices.

2.3 Objective

The objective of this project was to create a reliable and efficient platform for managing and delivering news content. By integrating Laravel for backend logic and Vue.js for dynamic frontend development, this project demonstrates practical skills in full-stack web development and modern technology integration.

2.4 Advantages of an Online News Portal

Accessibility:

Online news is available 24/7, allowing readers to access the latest updates anytime and anywhere. It eliminates geographical barriers, making global news easily available.

Cost-Effective:

Most online news platforms are free or have lower subscription costs compared to printed newspapers.

Real-Time Updates:

News portals provide instant updates, keeping readers informed of breaking news in real time.

Multimedia Integration:

Online portals often include videos, images, and infographics, making the news more engaging and easy to understand.

Search and Archival:

Users can search for specific news articles or access archived content from months or years ago.

Environmentally Friendly:

Digital news reduces paper usage, contributing to environmental conservation.

Interactive Features:

Online platforms allow readers to comment, share, and engage with content, creating a more interactive experience.

2.5 Disadvantages of an Online News Portal

Misinformation:

The ease of publishing online can lead to the spread of fake news or unverified information.

Technical Dependence:

Accessing online news requires an internet connection and a device, which might not be accessible to everyone.

Overwhelming Volume:

The sheer amount of information online can overwhelm users and make it difficult to find trustworthy sources.

Privacy Concerns:

Many news portals collect user data for targeted advertisements, raising concerns about privacy.

Digital Divide:

People in rural or underdeveloped areas with limited internet access may struggle to benefit from online news portals.

Addiction and Overuse:

The constant stream of news can lead to excessive screen time or information fatigue.

Impact on Traditional Media:

Online news has significantly reduced the demand for printed newspapers, affecting jobs in the traditional media industry.

CHAPTER 3

Software Requirements

3.1 Software Requirements:

❖ Platform

Web

❖ Web Server

Laragon (Apache Server, MySQL & PHP)

❖ Frontend

HTML, CSS, Bootstrap, JavaScript, jQuery, Laravel

❖ Backend

Laravel, Vue, MySQL

❖ Development tools

VS Code, HeidiSQL, Google Chrome, Postman

3.2 System Architecture

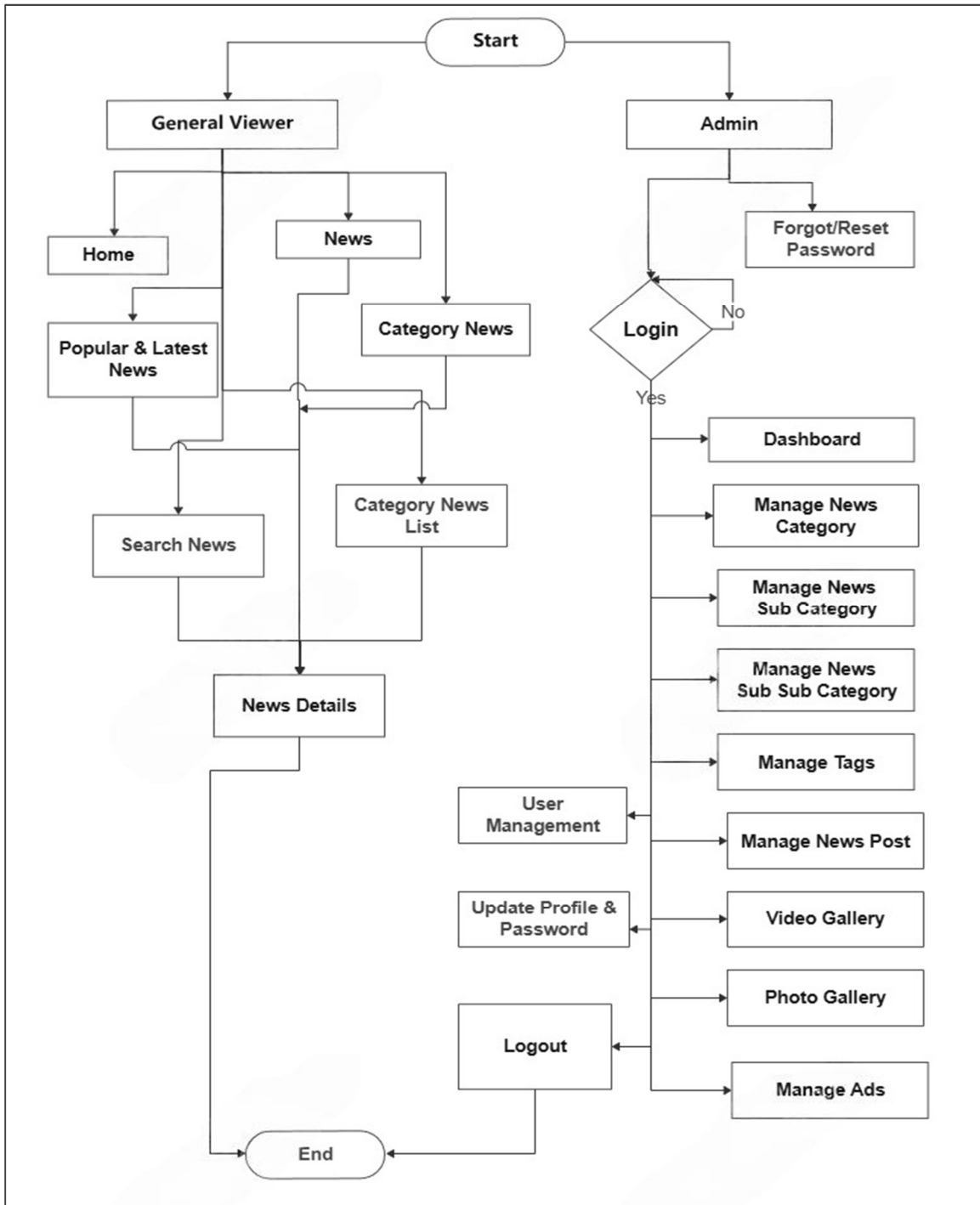


Fig 3.2: System flow chart

3.3 ER Diagram

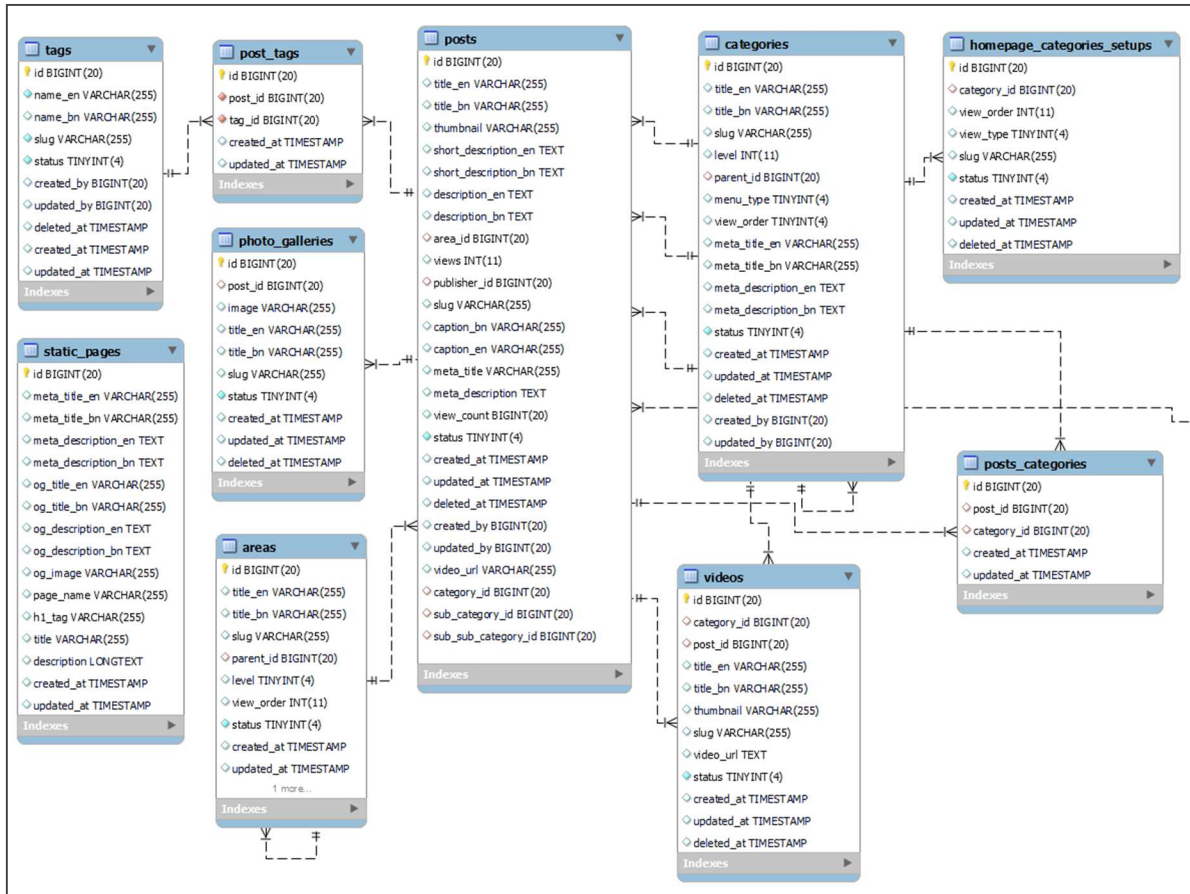


Fig 3.3 System ER diagram

CHAPTER 4

System Implementation

4.1 Front-end-Design

Frontend design encompasses the visual and interactive elements of the system's user interface as experienced by customers and vendors.

4.1.1 Home View (user)

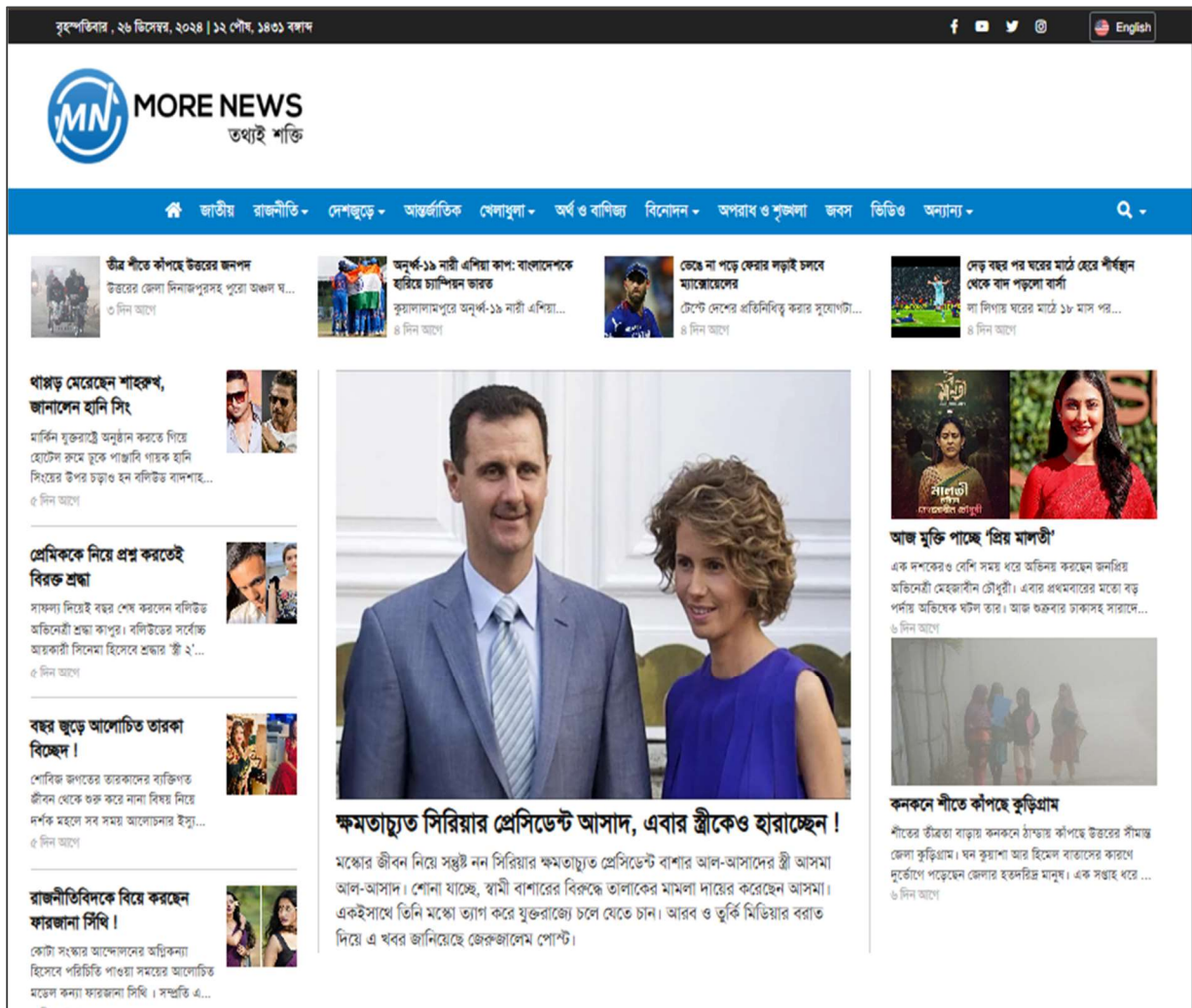


Fig 4.1.1: Home view

4.1.3 Home Popular & Latest News

জনপ্রিয়সর্বশেষ

1. ক্ষমতাচ্যুত সিরিয়ার প্রেসিডেন্ট আসাদ, এবার স্ত্রীকেও হারাচ্ছেন !

2. তীব্র শীতে কাঁপছে উত্তরের জনপদ

3. অনূর্ধ্ব-১৯ নারী এশিয়া কাপ: বাংলাদেশকে হারিয়ে চ্যাম্পিয়ন ভারত

4. ভেঙে না পড়ে ফেরার লড়াই চলবে ম্যাক্সোয়েলের

5. দেড় বছর পর ঘরের মাঠে হেরে শীর্ষস্থান থেকে বাদ পড়লো বার্সা

6. থাপ্পড় মেরেছেন শাহরুখ, জানালেন হানি সিং

7. প্রেমিককে নিয়ে প্রশ্ন করতেই বিরক্ত শ্রদ্ধা

8. বছর জুড়ে আলোচিত তারকা বিচ্ছেদ !

9. রাজনীতিবিদকে বিয়ে করছেন ফারজানা সিঁথি !

10. আজ মুক্তি পাচ্ছে 'প্রিয় মালতী'

Fig 4.1.3: Popular & Latest News

4.1.4 Category wise news

The screenshot shows a news website interface with a blue header containing navigation links: 'জাতীয়', 'রাষ্ট্রনীতি', 'দেশস্বত্রে', 'আঞ্চলিক', 'কোম্পা', 'অর্থ ও বাণিজ্য', 'বিশ্ববাস', 'অপরাধ ও শৃঙ্খলা', 'জীবন', 'কিডন', 'অন্যান্য'. A search icon is on the right. Below the header, the page title is 'জাতীয়'.

The main content area features several news articles:

- নিরাপত্তা জোরদার করেছে কাকরাইল মসজিদ ও ঢামেক এলাকায়**: টেক্সট: টেক্সট ইজতেমা মহাদানের দখল নিয়ে দুই পক্ষের সংঘর্ষের ঘটনার কাকরাইল মসজিদ ও ঢাকা মেডিকেল কলেজ হাসপাতাল এলাকায় নিরাপত্তা জোরদার করেছে পুলিশ ও র‍্যাব।
- সর্বোচ্চ পঠিত - জাতীয়**: উপস্থাপিকা ভাগিয়ে ভোগ সালমান এফ রহমানের!
- ভারত যদি মুক্তিযুদ্ধের ইতিহাসকে অন্যভাবে দেখে, সেটা তাদের ব্যাপার**: ভারত যদি বাংলাদেশের মুক্তিযুদ্ধের অন্যভাবে দেখে, তবুও সেটা তাদের ব্যাপার বলে মন্তব্য করেছেন সৌদিরবন উপদেষ্টা সিরাজ হারুন (মব.)...
- আশা মির্জাস ইতিহাসে নতুন ব্যালুটে হবে: সিইপি**: এ এক এক নতুন উদ্ভিদ বসন, জাতীয় নির্বাচনের জন্য আমরা প্রথম দিন থেকেই প্রস্তুতি নিতে শুরু করছি। প্রধান উপদেষ্টা জাতীয় নির্বাচনে গে...
- শেখ হাসিনার বিলম্বিত মামলার তদন্ত শেষ করতে সময় বাড়ল আরও ২ মাস**: জুলাই অপটো প্রকল্পের খনিজ মাছের করা মামলায় সাবেক প্রধানমন্ত্রী শেখ হাসিনার বিরুদ্ধে তদন্ত প্রতিবেদন নাথিয়ে আরও দুই মাস সময় নিলেন...
- বাংলাদেশ-ভারত পররাষ্ট্র সচিবের বৈঠক**: অতঃপর সন্ধ্যা ১১টা পর্যন্ত বৈঠক চলবে। এর মধ্যে সন্ধ্যা ১০টা থেকে ভারতের পররাষ্ট্র সচিবের পরিচয় পরিচয় গ্রহণ করা হবে। ১০ অংশ শেষ...
- আওয়ামী লীগের দায়ে পরিণত হয়েছিল দুদক-বিচার বিভাগ**: দুদক সনদ কমিশন (দুদক) ও বিচার বিভাগ অমিত্রতার সাবেক প্রধানমন্ত্রী শেখ হাসিনার দায়ে পরিণত হয়েছিল বলে মন্তব্য করেছেন প্রধান উপদেষ্টা...
- ইউ'র ২৭ রাষ্ট্রদূতের সঙ্গে প্রধান উপদেষ্টার বৈঠক**: প্রধান উপদেষ্টা ড. মুহাম্মদ ইউনূসের সঙ্গে বৈঠক করেন ইউরোপীয় ইউনিয়নের (ইইউ) ২৭ দেশের রাষ্ট্রদূত। অতঃপর (৯ ডিসেম্বর) এই বৈঠক...
- টেকনাফে সীমান্তে তীব্র বিক্ষোভ, আতঙ্কে সীমান্তবাসী!**: নতুন নীতি ও পুরনো বিধানমন্ত্রের রাষ্ট্রদূতের মত শব্দ, এপরে টেকনাফে বিক্ষোভের রাষ্ট্রদূতের মত টেকনাফে বিক্ষোভের শব্দ কাণে এপরে...
- 'ভারতকে বুঝতে হবে, বাংলাদেশ শেখ হাসিনার নয়'**: ভারতের আগরতলায় বাংলাদেশি হাইকমিশনের হুমায়রা খানিকে কেন্দ্র করে নারসারজনক অশান্তি নিয়ে সাময়িক যোগাযোগকারী কেবলকো পোর্ট রয়েছে...
- নতুন এসবি প্রধান ডিআইটি শাহ আলম**: সেনাবাহিনীর নেতৃত্বে বামদরবনে বৌধি অভিযানে ও কেএনএফ সদস্য নিহত
- বিএসপি ম্যানেজার 'জাতীয়তা' কানাডা পঠিনের নামে দুইশ শিফারীর ৩০ কোটি টাকা নিয়ে 'উবাও'**: হেল্পের পাশেও জলি পাগে, বলসেনে বাবা

At the bottom right, there is a 'জনপ্রিয়' (Popular) section with a 'সর্বশেষ' (Latest) button and a list of 4 items:

১. ক্ষমতাসূত সিরিয়ার জেলিডেইট আসল, এবার স্ট্রীকেও হারাসেন!
২. তীব্র শীতে কাপড়ে উত্তরের জলপল
৩. অসুস্থ-১৯ নারী এশিয়া কাপ: বাংলাদেশকে হারিয়ে চ্যাম্পিয়ন ভারত
৪. চেয়ে না পড়ে ফেরার লড়াই চলবে মারগোয়ালের

Fig 4.1.4: Category wise news

4.1.5 Sub Category wise news

🏠
🔍

🏠
🔍

🏠 > খেলাধুলা / ফুটবল




দেড় বছর পর ঘরের মাঠে হেরে শীর্ষস্থান থেকে বাদ পড়লো বার্সা

দ্যা লিগায় ঘরের মাঠে ১৮ মাস পর আঞ্চলিকের মাদ্রিদের কাছে ২-১ গোলে হেরেছে বার্সেলোনা। এই হারে পয়েন্ট সেবিলের শীর্ষস্থান হারিয়েছে কাতালানরা। আর চলতি মৌসুমে সব ধরনের প্রতিযোগিতায় এটা আঞ্চলিকের টানা ১২তম জয়।



বাংলাদেশের হয়ে খেলার অনুমতি পেলেন হুমজা

শীর্ষ প্রতিদ্বন্দ্বী পর অবশেষে বাংলাদেশ জাতীয় ফুটবল দলের হয়ে খেলার অনুমতি পেলেন বাংলাদেশি বাংলাদেশ লেটার সিবি মিডিস্টার হুমজা টৌরী...



ফুটবলার ক্যেলো-শিভি এফন জারিয়ার মেন্ডিভেট


সবকিছু ফুটবলার বিশ্বাসের ক্যেলো-শিভি জারিয়ার মেন্ডিভেট হতে থাকেন। মেন্ডিভেট ইউরোপীয় ইউনিয়ন টানা বিদেশের মুখে দেশি পরিবেশে...



এমবালো কী ইতিহাস সিলেন রোনালদাকে!

তাদের কারণে হতে হলে নিজে বাধা হলে ফিফার মালিকের কেত হলেই অনন্যোচিত। না, কেতনা সেলোয়ালের টানক কিংবা সবকিছুর বিকল্প হলেই...

সর্বোচ্চ পঠিত - ফুটবল



আর্জেন্টিনা দলে খেলার ১০ আর দি মারিয়ার ১১ নম্বর জারি করা পাম্বেন




জোড়া গোলও দলকে জেতাতে পারলেন না রোনালদিনাহে



কোপার পুরস্কার কার হাতে কেনাট ?



ইতিহাসে আনু সইদের সুরাণে ফুটবল টুর্নামেন্ট



আবারও বাহুফেকের জরিমানা কতল ফিফা

জনপ্রিয় সর্বশেষ

1. ক্ষমতাস্বত্ব পরিহার মেন্ডিভেট আসল, এখার স্বীকৃতিও হারানলেন !
2. তীর শীতে কাঁপতে উত্তরের জনপদ
3. অমূল্য-১৯ নারী এশিয়া কাপ; বাংলাদেশকে হারিয়ে চ্যাম্পিয়ন ভারত
4. কেটে না পড়ে ফেয়ার লড়াই চলবে ম্যাগ্নোসেলের
5. দেড় বছর পর ঘরের মাঠে হেরে শীর্ষস্থান থেকে বাদ পড়লো বার্সা
6. খালি হাতে মেয়েলি শাহজাং, জানাশেন হাদি সিং
7. জেমিককে নিয়ে গল্প করলেই বিরক্ত শ্রদ্ধা
8. বছর জুড়ে আটোটি তারকা বিচ্ছেদ !

Fig 4.1.5: Sub Category wise news


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4.1.6 News details

🏠 > আবহাওয়া > তীব্র শীতে কাঁপছে উত্তরের জনপদ

তীব্র শীতে কাঁপছে উত্তরের জনপদ



ছবি : সংগৃহীত

📰 স্টাফ করেসপন্ডেন্ট, মোরনিউজবিটি.কম
🕒 প্রকাশিত: ০৮:২৫ ২৩ ডিসেম্বর ২০২৪

উত্তরের জেলা দিনাজপুরসহ পুরো অঞ্চল ঘন কুয়াশার চাঁদড়ে ঢাকা পড়েছে । এতে সবচেয়ে বিপাকে পড়েছেন খেটে খাওয়া মানুষ। উষ্ণ কাপড়ের অভাবে মানবের জীবনযাপন করছেন তারা।

আবহাওয়া অফিস জানিয়েছে জেলার সর্বনিম্ন তাপমাত্রা রেকর্ড করা হয় ১২.৪ ডিগ্রি সেলসিয়ো এবং বাতাসের আর্দ্রতা ছিল ৯৬ শতাংশ । কুয়াশার কারণে সড়কপথে মানুষের চলাচলও কমে গেছে। দূরপাল্লার গাড়িগুলো অতিরিক্ত সতর্কতার সঙ্গে চলাচল করছে। স্থানীয়রা জানান, ঘন কুয়াশার সঙ্গে শৈত্যপ্রবাহের কারণে মানুষের ভোগান্তি বেড়েছে। কয়েক দিন ধরে দিনে কিছুক্ষণের জন্য রোদের দেখা মিললেও হিমেল বাতাসের সঙ্গে পাল্লা দিয়ে উত্তাপ ছড়াতে পারছে না সূর্য।

Fig 4.1.6: News details

4.2 Backend Section

4.2.1 Backend Feature

Secure Admin Authentication:

Authenticated admins can securely log in to the admin panel to access and manage their assigned responsibilities.

Super Admin Privileges:

The Super Admin holds the authority to create child admin accounts, delegating tasks while retaining overarching control.

Profile Management:

Admins can edit and update their profiles, ensuring their account information remains current and accurate.

Category Management:

Effortlessly manage all categories, including creating, updating, and organizing them for optimal user navigation.

Subcategory Management:

Maintain and refine subcategories to ensure detailed and precise content organization.

News Post Management:

Publish, edit, and manage news posts with features like category tagging, scheduling, and multimedia integration.

Video Section Management:

Manage and showcase video content seamlessly to provide users with engaging multimedia experiences.

Home Category View Setup:

Configure and prioritize categories displayed on the homepage to enhance user engagement and accessibility.

Tags Management:

Assign and manage tags to improve content discoverability and create a more personalized user experience.

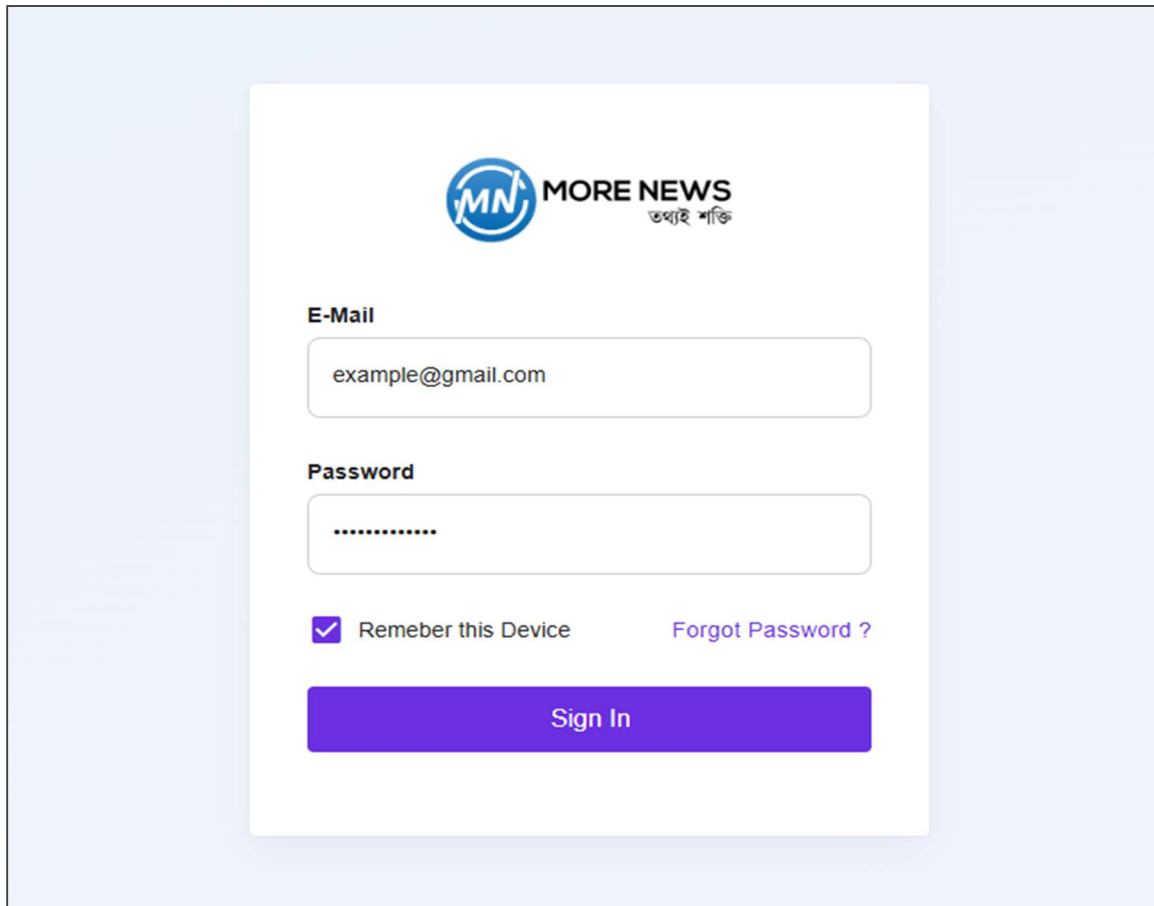
Ad Management:

Control and configure advertisements across the platform, ensuring effective monetization without disrupting user experience.

Comprehensive Admin Management:

The Super Admin oversees all admin details, maintaining a secure and efficient administrative structure.

4.2.2 Admin login



MN MORE NEWS
তথ্যই শক্তি

E-Mail
example@gmail.com

Password
.....

Remember this Device [Forgot Password ?](#)

Sign In

Fig 4.2.2: Admin login page

This is the admin login page where administrators must authenticate using their password. Access to the news portal's management features is granted only after successful login.

4.2.3 Admin Dashboard

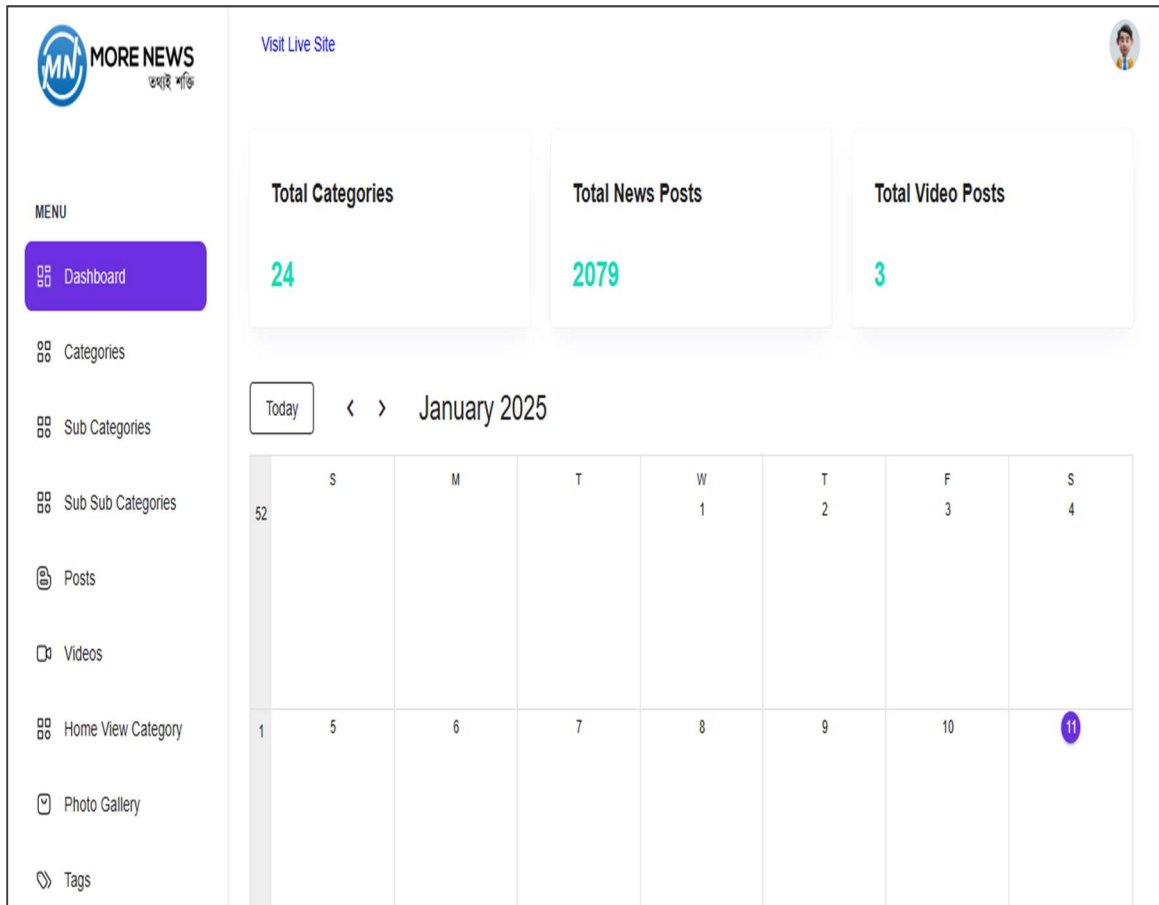


Fig 4.2.3: Admin Dashboard

After logging in, the admin is redirected to the dashboard, where they can access and manage all aspects of the news portal, including content updates, user management, and system settings. The dashboard serves as the central hub for overseeing and maintaining the platform efficiently.

4.2.4 Admin Profile

The Admin Profile allows administrators to manage users, monitor activities, and oversee content on the platform. It includes features such as user management, content moderation, and system settings configuration. This profile ensures smooth operation and efficient governance of the website.



Fig 4.2.4: Admin Profile

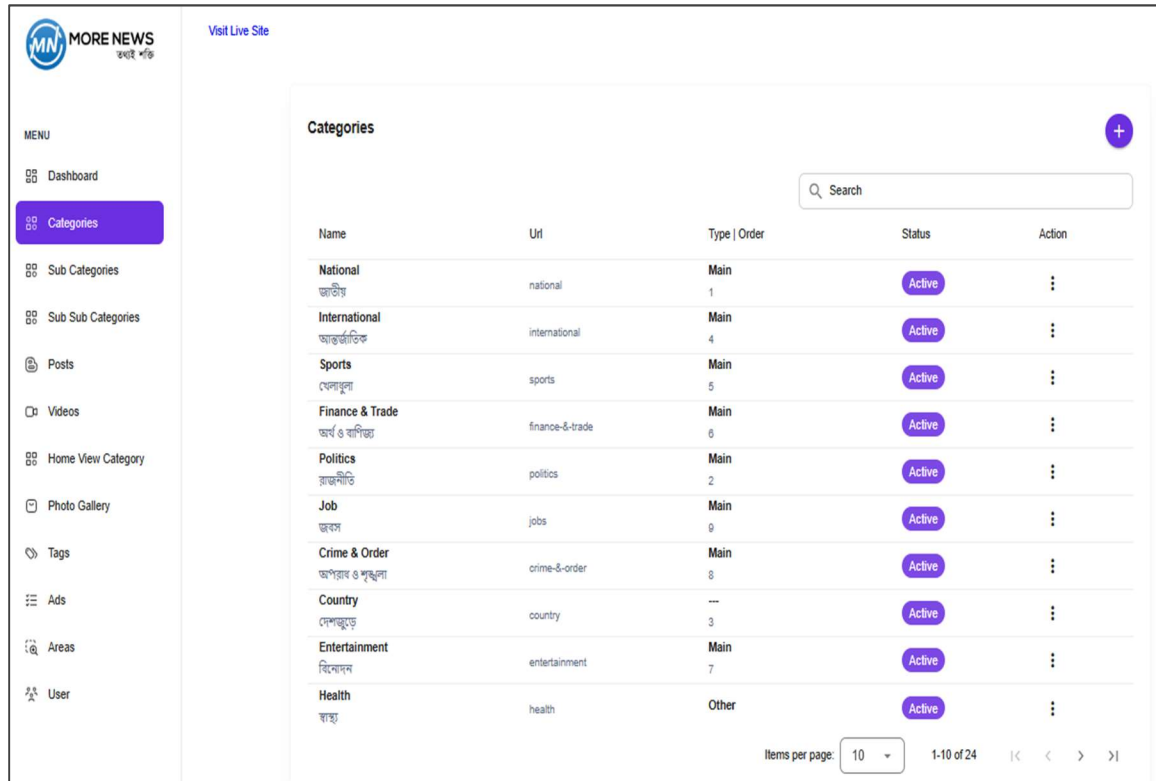
4.2.5 Edit admin form

The image shows a modal window titled "Edit Admin" with a close button (X) in the top right corner. The form contains several input fields: "Name English*" (two fields), "Email *", "Post Image *" (with a camera icon), "Contact No *", and "Create password *". A legend at the bottom left states "*indicates required field". At the bottom right, there are "Close" and "Save" buttons.

Fig 4.2.5: Edit admin form

4.2.6 Category page

The Category Management feature allows administrators to organize and structure content effectively. Admins can create, update, and delete categories to ensure all content is properly categorized, making it easier for users to navigate and find relevant information.



Visit Live Site

MENU

- Dashboard
- Categories
- Sub Categories
- Sub Sub Categories
- Posts
- Videos
- Home View Category
- Photo Gallery
- Tags
- Ads
- Areas
- User

Categories

Search

Name	Url	Type Order	Status	Action
National জাতীয়	national	Main 1	Active	⋮
International আন্তর্জাতিক	international	Main 4	Active	⋮
Sports খেলাধুলা	sports	Main 5	Active	⋮
Finance & Trade অর্থ ও বাণিজ্য	finance-&-trade	Main 6	Active	⋮
Politics রাজনীতি	politics	Main 2	Active	⋮
Job জবস	jobs	Main 9	Active	⋮
Crime & Order অপরাধ ও শৃঙ্খলা	crime-&-order	Main 8	Active	⋮
Country দেশভুক্ত	country	— 3	Active	⋮
Entertainment বিমোদন	entertainment	Main 7	Active	⋮
Health স্বাস্থ্য	health	Other	Active	⋮

Items per page: 10 1-10 of 24

Fig 4.2.6: Category data list

4.2.7 Category add form

Add New Category

Category Title(EN) *

Title En is required

Category Title(BN) *

Url/Slug *

Status *

Menu Type *

Menu View Order *

Meta Title(EN)

Meta Title(BN)

Meta Description(EN)

Meta Description(BN)

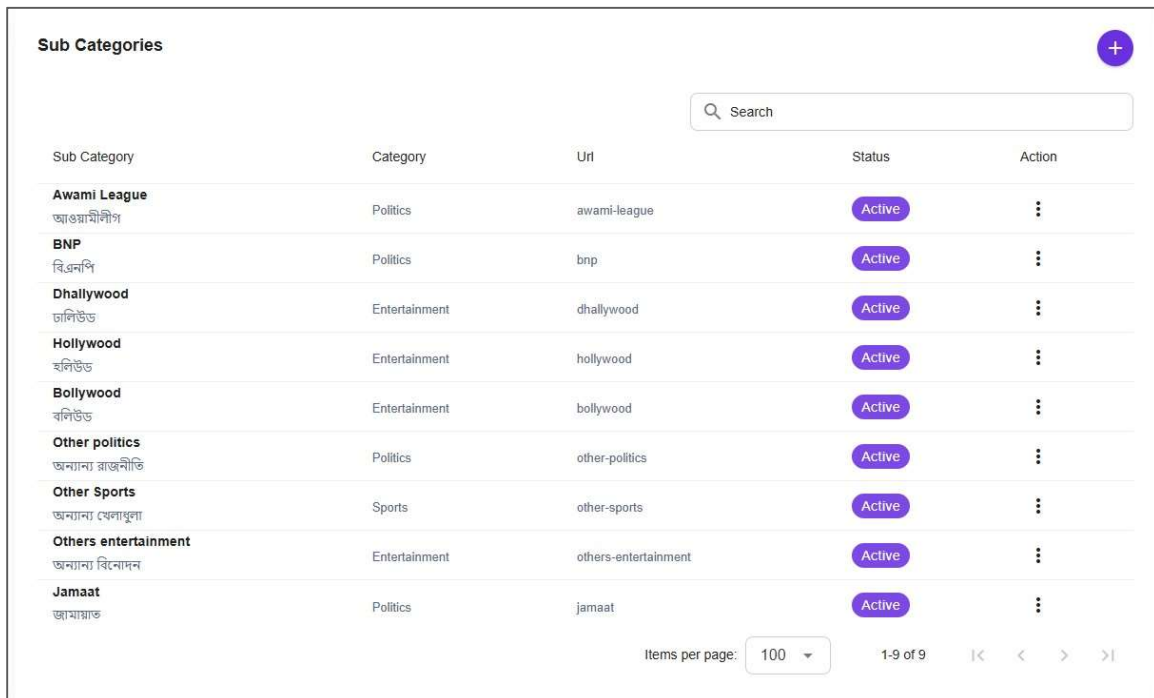
*Indicates required field

Close Save

Fig 4.2.7: Category add form

4.2.8 Sub category

The Subcategory Management feature enables administrators to add, edit, and delete subcategories under main categories. This helps in organizing content more precisely, allowing users to navigate and locate specific information with ease.



The screenshot displays the 'Sub Categories' management interface. It features a search bar at the top right and a table listing various subcategories. Each row includes the subcategory name in English and Bengali, its parent category, the URI, its status (all are 'Active'), and an action menu (three vertical dots).

Sub Category	Category	Uri	Status	Action
Awami League আওয়ামীলীগ	Politics	awami-league	Active	⋮
BNP বিএনপি	Politics	bnp	Active	⋮
Dhallywood ঢালিউড	Entertainment	dhallywood	Active	⋮
Hollywood হলিউড	Entertainment	hollywood	Active	⋮
Bollywood বলিউড	Entertainment	bollywood	Active	⋮
Other politics অন্যান্য রাজনীতি	Politics	other-politics	Active	⋮
Other Sports অন্যান্য খেলাধুলা	Sports	other-sports	Active	⋮
Others entertainment অন্যান্য বিনোদন	Entertainment	others-entertainment	Active	⋮
Jamaat জামায়াত	Politics	jamaat	Active	⋮

At the bottom of the table, there is a pagination control showing 'Items per page: 100' and '1-9 of 9' with navigation arrows.

Fig 4.2.8: Sub category data list

4.2.9 Sub category add form

The image shows a web form titled "Add Sub Category" with a close button (X) in the top right corner. The form contains the following fields:

- Category (dropdown menu)
- Sub Category Title(EN) *
- Sub Category Title(BN) *
- Url/Slug *
- Status *
- Meta Title(EN)
- Meta Title(BN)
- Meta Description(EN)

On the left side, there is a sidebar with a list of categories: Sub C, Sub, Awa, BNP, Dhal, Holly, Bolly, Othe, Othe, Othe, and Jam. On the right side, there is a vertical scrollbar with a "4 of 24" indicator at the bottom.

Fig 4.2.9: Sub category add form

4.2.10 Post section

The screenshot shows a 'Posts' section with a search bar and a table of news items. Each row includes a thumbnail, category, title, status, and action options.

Thumbnail	Categories	Title	Status	Action
	International	Deposed Syrian President Assad is losing his wife too! সমাজত সিঁড়ির প্রেসিডেন্ট আসাদ, এঁর স্ত্রীকেও হারছেন।	Active	⋮
	Weather	Northern towns shiver in severe winter ঔঁত্র শীতে কাঁপছে উত্তরের জনপদ	Active	⋮
	Sports > Cricket	Under-19 Women's Asia Cup: India beat Bangladesh to become champions অনুর্ধ্ব-১৯ নরী এশিয়া কাপ: বাংলাদেশকে হারিয়ে চ্যাম্পিয়ন ভারত	Active	⋮
	Sports	Maxwell will continue to fight to return without breaking down ভেঙে না পড়ে ফেরার লড়াই চলবে ম্যাকগেগের	Active	⋮
	Sports > Football	Barca lose at home after 18 months ঘেঁড় বছর পর ঘরের মাঠে ঘেরে শীর্ষস্থান থেকে বাস পড়লে বার্সা	Active	⋮
	Entertainment > Bollywood	Shahrukh slapped him, says Honey Singh ফারুখ মেরেঘেঁধে শাসতকা, জানালেন হনি সিং	Active	⋮
	Entertainment	Shradha Kapoor upset by questions about her lover প্রেমিককে নিয়ে প্রশ্ন করলেই বিরক্ত শ্রদ্ধা	Active	⋮
	Entertainment	Celebrity breakups that have been talked about throughout the year! বছর জুড়ে আলোচিত তারকা বিচ্ছেদ।	Active	⋮
	Entertainment	Model Farzana Akthar is marrying a politician! রাজনীতিবিদকে বিয়ে করছেন ফরজানা সিঁধি।	Active	⋮
	Entertainment > Dhallywood	Priya Mathur to be released today আজ মুক্তি পাবে প্রিয়া মথুরী	Active	⋮

Items per page: 10 1-10 of 2021 |< < > >|

Fig 4.2.10: Post data list

The News Post module is the most crucial part of any news portal, serving as the primary medium for delivering information to users. This feature allows administrators and authorized personnel to create, edit, and manage news articles effectively.

Key functionalities of the News Post module include:

- ❖ **Content Creation:** Admins can draft and publish articles with titles, descriptions, images, and multimedia to make news engaging and informative.
- ❖ **Category and Subcategory Assignment:** Each news post can be tagged with relevant categories and subcategories, ensuring content is organized and easily searchable.
- ❖ **Scheduling and Updates:** News articles can be scheduled for publication at a specific time or updated as new information becomes available.
- ❖ **SEO Optimization:** Tools for optimizing titles, Meta descriptions, and keywords help improve search engine visibility.
- ❖ **Moderation and Approval:** A built-in moderation system ensures that only accurate and verified news is published.

This feature ensures that the platform delivers timely, reliable, and organized news content to readers, meeting the demands of a dynamic and competitive news environment.

4.2.11 Post add form

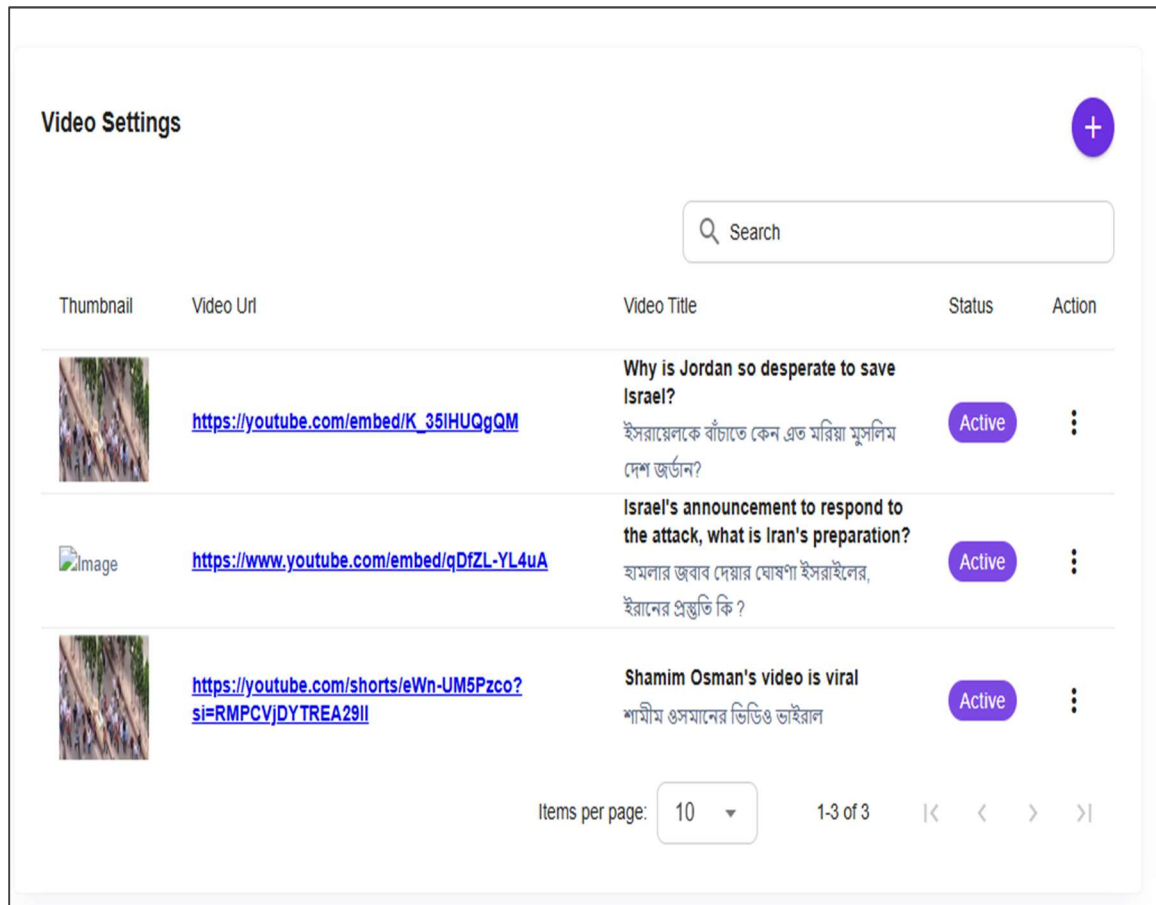
The image shows a 'Add New Post' form with the following sections and fields:

- Category Selection:** Three dropdown menus for 'Category', 'Sub-Category', and 'Sub-Sub-Category'.
- Image Upload:** A section titled 'UPLOAD PICTURE/THUMBNAIL' with a placeholder image and the text 'Upload 16x9 ratio image - 920x580'.
- Basic Fields:** Text input fields for 'Title*', 'Thumbnail caption (alt)', 'Slug/URL', 'Thumbnail caption (ID)', 'Thumbnail caption (ID)', 'Map/URL', and 'Meta Title'.
- Text Area:** A large text area for 'Write Description'.
- Image Selection:** Two sections for 'Start of image (ID)' and 'Final image (ID)'. Each has a small image placeholder and a text input field.
- Rich Text Editors:** Two side-by-side rich text editors with toolbars containing icons for bold, italic, link, unlink, list, and other text formatting options.
- Video Embed:** A section titled 'VIDEO URL OR VIDEO ACTION' with a text input field.
- Tags and Status:** Three dropdown menus for 'Category', 'Status', and 'Subcategory'. Below them is a 'Tag' dropdown menu and a 'Status*' dropdown menu.
- Buttons:** 'Publish*' and 'Publish**' buttons at the bottom right.

Fig 4.2.11: Post add form

4.2.12 Video section

The Video Section allows administrators to upload and manage video content, enhancing user engagement through multimedia. Videos can be categorized, featured, and seamlessly integrated with news articles, providing a dynamic and interactive experience for users.



The screenshot displays the 'Video Settings' interface. At the top right, there is a search bar with a magnifying glass icon and the text 'Search'. Below the search bar is a table with five columns: 'Thumbnail', 'Video Url', 'Video Title', 'Status', and 'Action'. There are three rows of video entries. Each row contains a thumbnail image, a video URL, a title in English and Bengali, a status indicator (a purple 'Active' button), and an action icon (three vertical dots). At the bottom of the table, there is a pagination control showing 'Items per page: 10' and '1-3 of 3' with navigation arrows.




Thumbnail	Video Url	Video Title	Status	Action
	https://youtube.com/embed/K_35IHUQgQM	Why is Jordan so desperate to save Israel? ইসরায়েলকে বাঁচাতে কেন এত মরিয়া মুসলিম দেশ জর্ডান?	Active	⋮
	https://www.youtube.com/embed/qDfZL-YL4uA	Israel's announcement to respond to the attack, what is Iran's preparation? হামলার জবাব দেয়ার ঘোষণা ইসরাইলের, ইরানের প্রস্তুতি কি ?	Active	⋮
	https://youtube.com/shorts/eWn-UM5Pzco?si=RMPCVJDYTREA29II	Shamim Osman's video is viral শামীম ওসমানের ভিডিও ভাইরাল	Active	⋮

Fig 4.2.12: Video data list

4.2.13 Video add form

Video Create ×


Category ▼

Post ▼

Video URL

Title(EN) *

Title(BN) *

 Video Thumbnail *

Slug/ url *

Status * ▼

*indicates required field

[Close](#) [Save](#)

Fig 4.2.13 Video add form

4.2.14 Home category view

The Home Category View dynamically displays categories on the frontend, ordered by a predefined priority set by the administrator. This ensures that the most relevant or popular categories are showcased prominently, improving user navigation and content accessibility.

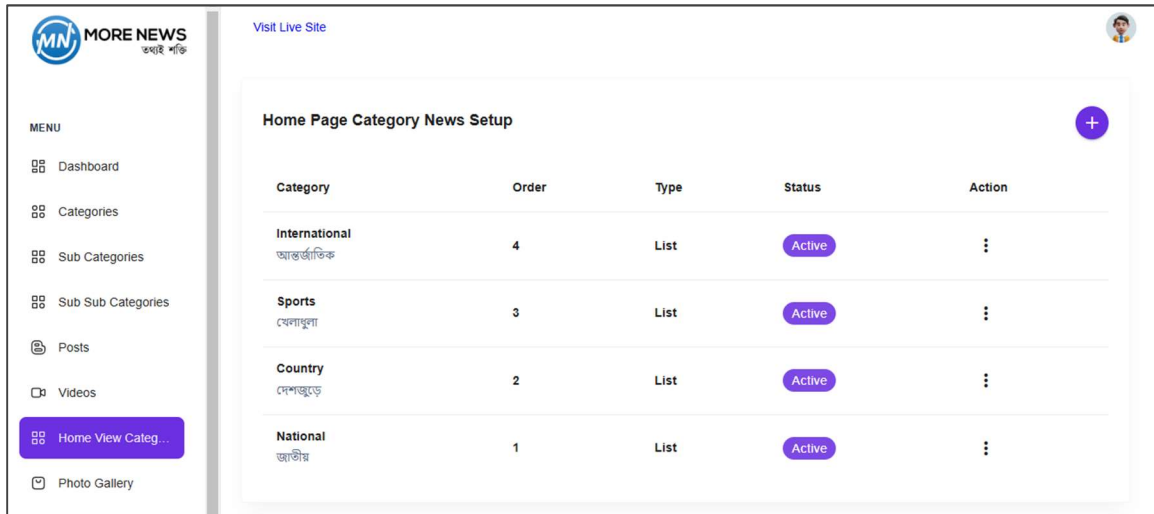


Fig 4.2.14: Home category view list

4.2.15 Home category view add form

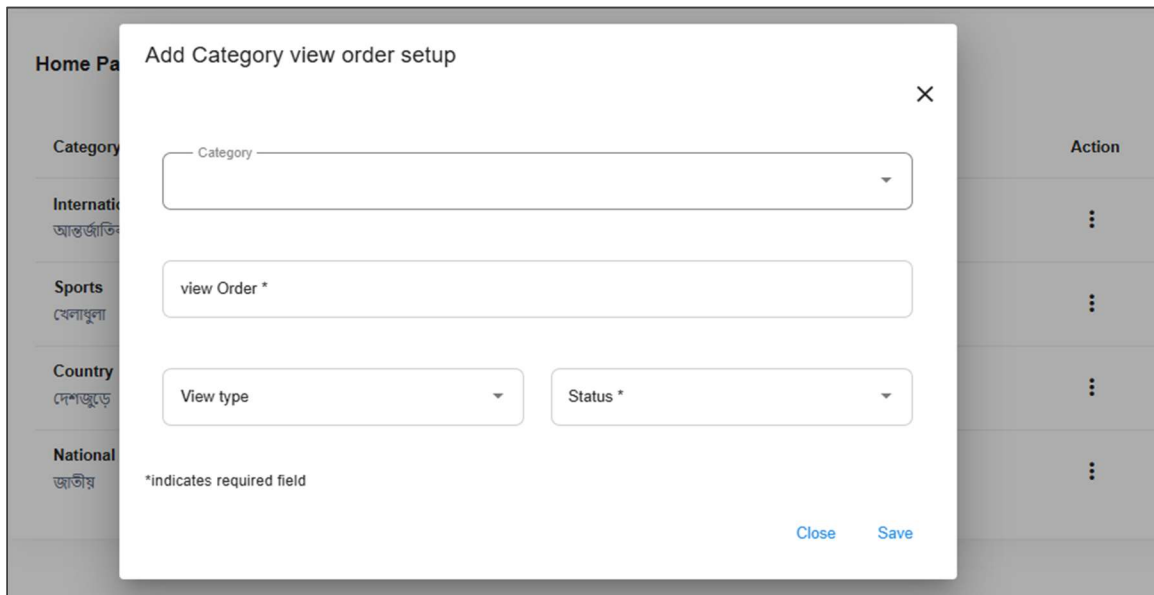


Fig 4.2.15: Home category view add form

4.2.16 Photo Gallery

Photo Gallery +					
Image	Posts Title	Title	Status	Action	
		DSCC has started eviction of temporary shops in Bangabazar area from 9 am today. Photo: Musa Ahmed আজ সকাল ৯টা থেকে বঙ্গবাজারের জায়গায় অস্থায়ী দোকানপাট উচ্ছেদ শুরু করেছে ডি.এস.সি.সি। ছবি: মুসা আহমেদ	Active	⋮	
		The rain started around 3:30 pm. Before this, the Kalboishakhi storm blew in different regions. Photo: Mahbub Alam বিকেল সাড়ে ৩টার দিকে শুরু হয় এ ঝড়। এর আগে ভিন্ন অঞ্চলে বয়ে যায় কালবৈশাখী ঝড়। ছবি: মাহবুব আলম	Active	⋮	
		The accident took place in front of Tentultala Abloom Highway restaurant in Kanaipur Union of Sadar Upazila around 8 o'clock today. Photo: NKB Nayan আজ সকাল ৮টার দিকে সদর উপজেলার কানাইপুর ইউনিয়নের তেঁতুলতলা অ্যাবলুম হাইওয়ে রেস্টুরেন্টের সামনে এ দুর্ঘটনা ঘটে। ছবি: এন কে বি নয়ন	Active	⋮	

Fig 4.2.16: Photo gallery list

4.2.17 Photo gallery add form

Add New Photo ×

Posts

 Image *

Title(EN) *

Title(BN) *

Slug * Status *

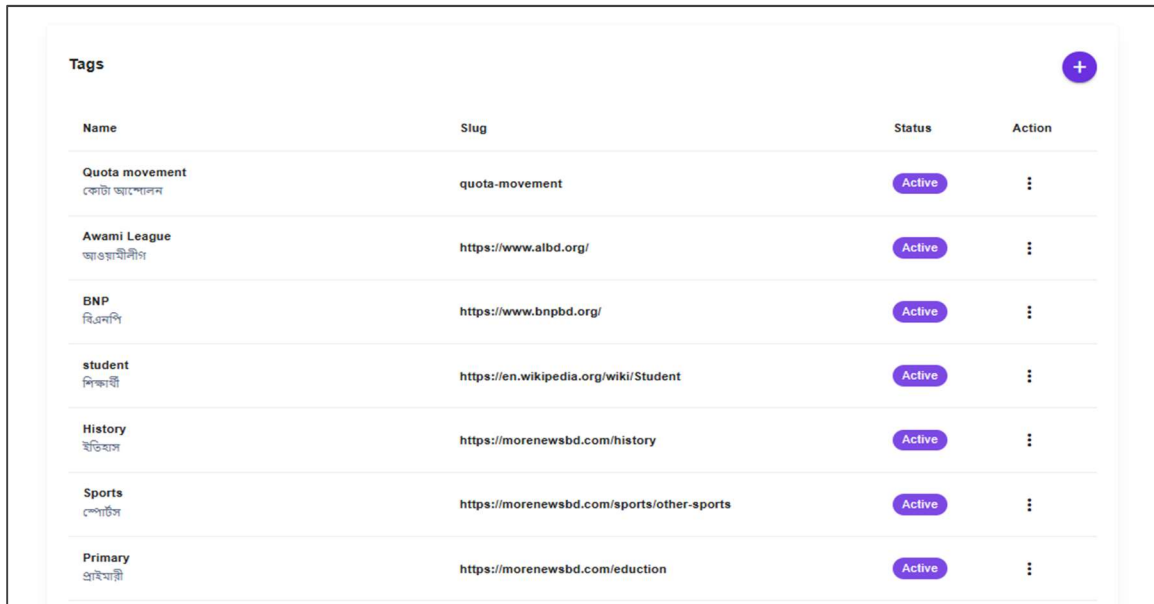
*indicates required field

[Close](#) [Save](#)

Fig 4.2.17: photo gallery add form

4.2.18 Tags

The tagging feature allows administrators to assign relevant tags to news posts, enhancing content organization and search ability. Tags help users discover related articles easily, improving engagement and providing a more personalized browsing experience. They also improve SEO by associating specific keywords with content, driving more traffic to the platform.



Name	Slug	Status	Action
Quota movement কোটা আন্দোলন	quota-movement	Active	⋮
Awami League আওয়ামীলীগ	https://www.albd.org/	Active	⋮
BNP বিএনপি	https://www.bnpsbd.org/	Active	⋮
student শিক্ষার্থী	https://en.wikipedia.org/wiki/Student	Active	⋮
History ইতিহাস	https://morenewsbd.com/history	Active	⋮
Sports স্পোর্টস	https://morenewsbd.com/sports/other-sports	Active	⋮
Primary প্রাইমারী	https://morenewsbd.com/education	Active	⋮

Fig 4.2.18: Tags data list

4.2.19 Tags add form



Add New Tag

Tag Name(EN) *

Tag Name(BN) *

Tag Url/Slug * Status *

*indicates required field

Close Save

Fig 4.2.19: Tags add form

4.2.20 Ads settings

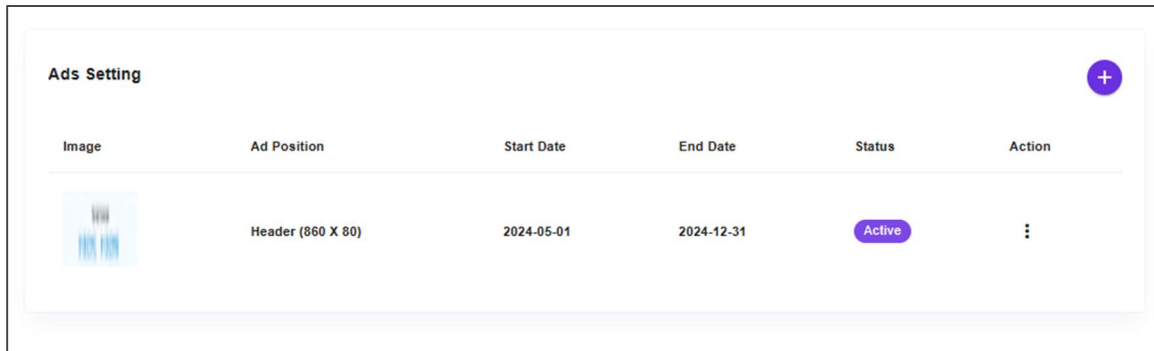



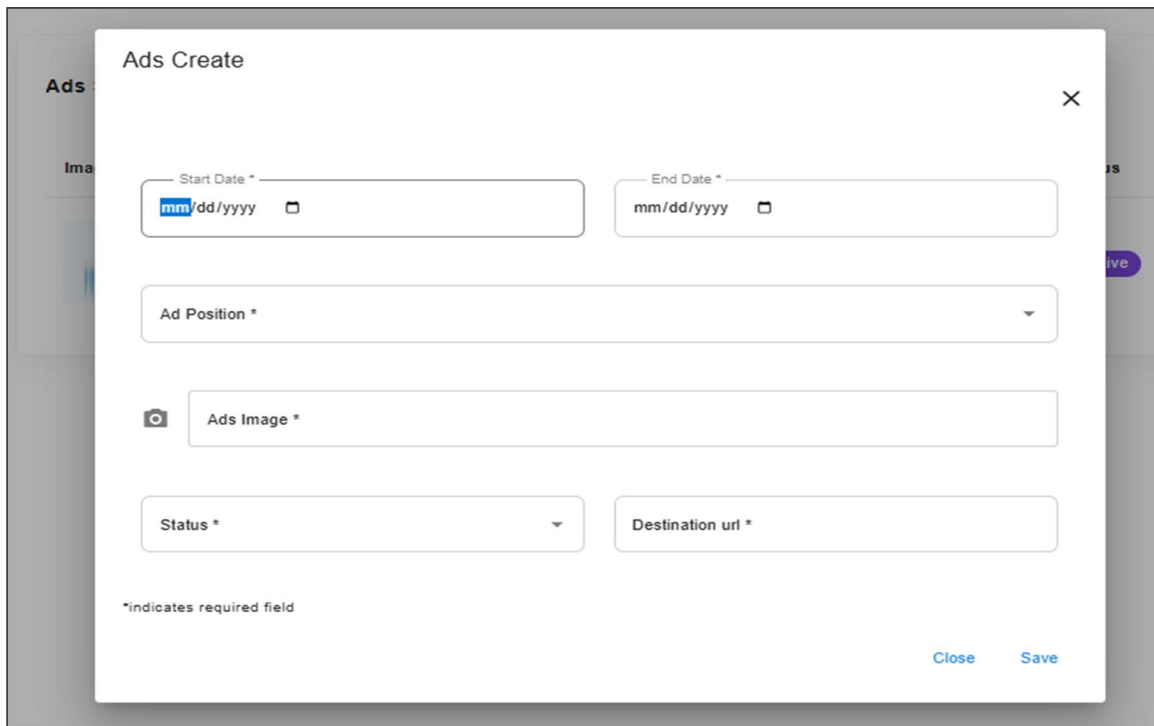
Image	Ad Position	Start Date	End Date	Status	Action
	Header (860 X 80)	2024-05-01	2024-12-31	Active	⋮

Fig 4.2.20: Ads data list

The Ads Settings feature allows administrators to manage and configure advertisements across the platform. Admins can add, edit, and remove ads, as well as assign specific positions such as banners, sidebars, or footers. This ensures effective monetization while maintaining a seamless user experience.

4.2.21 Ads settings add form



Ads Create

Start Date *

End Date *

Ad Position *

Ads Image *

Status *

Destination url *

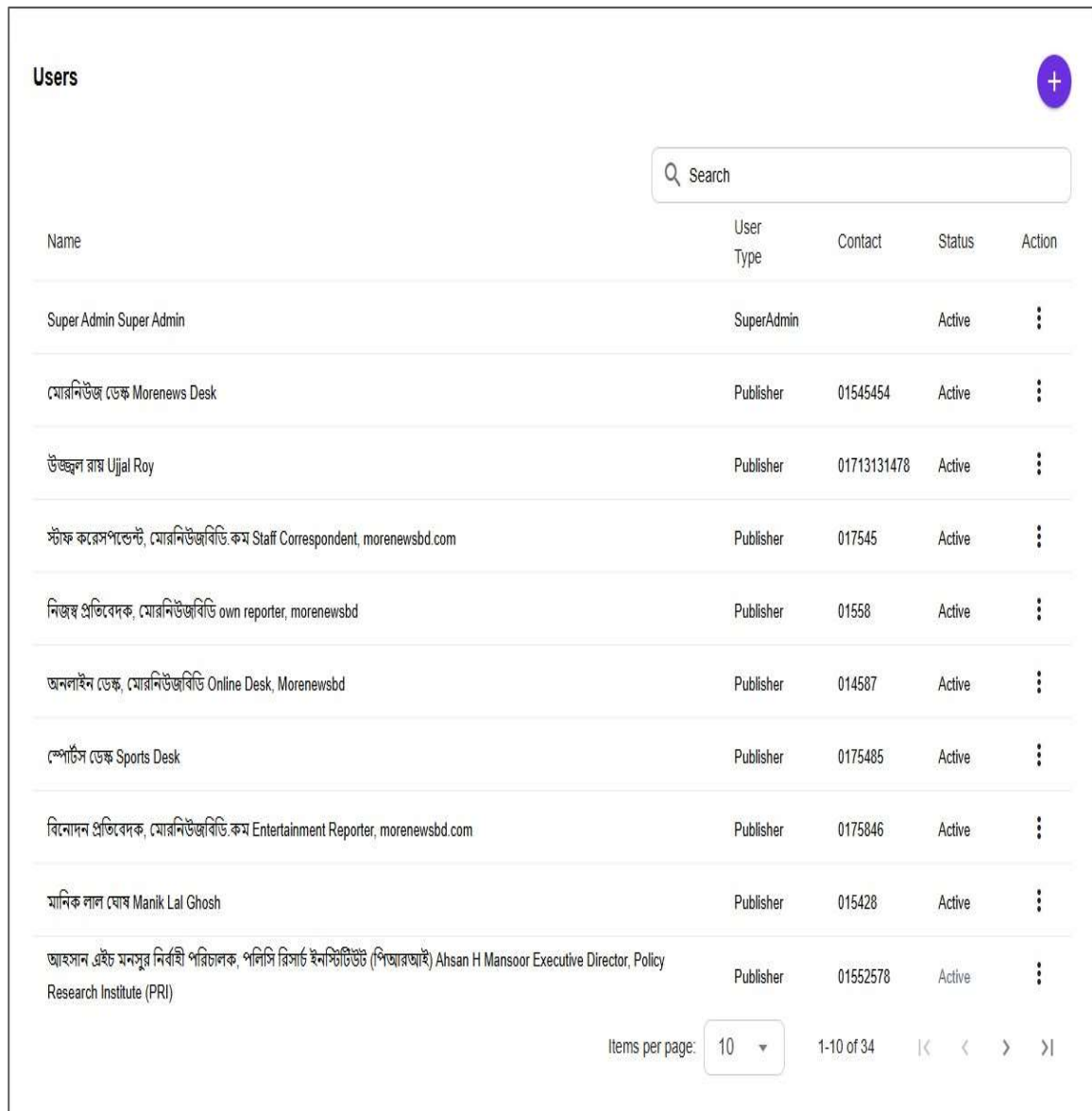
*indicates required field

Close Save

Fig 4.2.21 Ads settings add form

4.2.22 Admin Users

The Super Admin has the authority to create and manage admin accounts within the system. This feature allows the Super Admin to assign roles, set permissions, and oversee administrative activities. It ensures secure and structured management of the platform by delegating responsibilities to specific admins while maintaining overall control.



Name	User Type	Contact	Status	Action
Super Admin Super Admin	SuperAdmin		Active	⋮
মোরনিউজ ডেস্ক Morenews Desk	Publisher	01545454	Active	⋮
উজ্জ্বল রায় Ujjal Roy	Publisher	01713131478	Active	⋮
স্টাফ করেসপন্ডেন্ট, মোরনিউজবিডি.কম Staff Correspondent, morenewsbd.com	Publisher	017545	Active	⋮
নিজস্ব প্রতিবেদক, মোরনিউজবিডি own reporter, morenewsbd	Publisher	01558	Active	⋮
অনলাইন ডেস্ক, মোরনিউজবিডি Online Desk, Morenewsbd	Publisher	014587	Active	⋮
স্পোর্টস ডেস্ক Sports Desk	Publisher	0175485	Active	⋮
বিনোদন প্রতিবেদক, মোরনিউজবিডি.কম Entertainment Reporter, morenewsbd.com	Publisher	0175846	Active	⋮
মানিক লাল ঘোষ Manik Lal Ghosh	Publisher	015428	Active	⋮
আহসান এইচ মনসুর নির্বাহী পরিচালক, পলিসি রিসার্চ ইনস্টিটিউট (পিআরআই) Ahsan H Mansoor Executive Director, Policy Research Institute (PRI)	Publisher	01552578	Active	⋮

Items per page: 10 1-10 of 34 < >

Fig 4.2.22: Admin users list

4.2.23 Admin user add form

The screenshot shows a web form titled "Add New User" with a close button (X) in the top right corner. A legend below the title states "*indicates required field". The form contains the following fields:

- Name English (text input)
- Name Bangla (text input)
- Email * (text input)
- profile Image * (text input with a camera icon)
- Contact No * (text input)
- Change password * (text input)
- User Type (dropdown menu)
- Status (dropdown menu)

At the bottom right of the form, there are "Close" and "Save" buttons. Below the form, a pagination bar shows "Items per page: 10" and "1-10 c".

Fig 4.2.23: Admin user add form

4.3 Challenges

Facing challenges is an inevitable part of completing a large website, and I've experienced this firsthand. However, overcoming those hurdles has been a valuable learning experience for me. From bug fixing to finalize the project, every step brought its own mix of difficulties and satisfaction. It has given me the confidence and enthusiasm to tackle future projects with greater determination and skill.

CHAPTER 5

Competencies and Reflections

5.1 Competencies Earned

During my internship, I had the opportunity to work on unique and challenging projects, which honed my skills in Full-Stack Web Development. I successfully completed my tasks within tight deadlines, which boosted my confidence in tackling complex challenges in this field. I now possess the expertise to develop fully dynamic websites and am prepared to take on any project with determination and knowledge.

5.2 Smart Plan

- ❖ I have created a strategic plan to further improve my skills and shape a bright future. My steps include:
 - ❖ Staying updated with the latest technologies and trends in web development.
 - ❖ Taking on new and challenging projects to enhance my experience.
 - ❖ Updating my CV and creating a professional portfolio.
 - ❖ Enhancing my LinkedIn profile for better networking opportunities.
 - ❖ Establishing a GitHub repository to store and showcase all my projects.
 - ❖ Developing unique and innovative ideas.
 - ❖ Continuously improving my problem-solving abilities.

5.3 Reflections

Collaborating with a professional programming team to gain valuable insights and experience. Developing and implementing innovative ideas to solve real-world problems. Creating applications that serve the needs of the community and contribute to societal benefits. Striving to build something meaningful and impactful for the betterment of my country.

CHAPTER 6

Discussion and Conclusion

6.1 Discussion and Conclusion

This internship has been a transformative learning experience for me. Before this, I had little knowledge about integrating Payment Gateway systems, but now I am proficient in developing projects with both international and local payment gateway methods. Additionally, mastering the principles of SDLC has enabled me to build well-structured and efficient applications, which I consider a significant achievement. Working with an experienced team has not only expanded my technical knowledge but also deepened my understanding of collaborative work environments. I am eager to continue working in similar settings to further refine my skills and grow professionally.

6.2 Scope for Further Career

With the government of Bangladesh initiating progressive projects like “Vision 2021” to drive the digital transformation of the nation, this is a promising time to build a career in the ICT industry. My goal is to contribute to the evolving software industry by offering innovative solutions that streamline workflows, support client objectives, and drive success. I aspire to redefine the industry's dynamics by delivering efficient and impactful software solutions.

The project I worked on during my internship has been immensely beneficial for my web development career. It has equipped me with the skills to work in software-based companies and tackle enterprise-level challenges. The knowledge and experience I've gained will undoubtedly support my career growth and help me achieve new milestones in the near future.

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Appendix

Internship Reflections

7.1 Internship Reflections

During my internship, I had the opportunity to promote the profession and raise awareness of the career opportunities available in the field. Each student, through hands-on experience, gains valuable expertise in real-life projects, helping to enhance practical knowledge. This internship has significantly prepared me for professional challenges and has instilled a sense of pride in my growth. I am now fully prepared to take on any challenging role in the industry. The experience has made me confident about my future, and I am grateful to the Educuity Technology. For their invaluable support in shaping my career.

Plagiarism Report

