

50,000+ Students Learning Daily

EduConnect: A Smart Education Service Platform

Empowering Education Through Technology

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50,000+
Active Students

100%
NCTB Verified

Free
Access Forever

Key Objectives for EduConnect

Online Admissions

Automatic and streamline the university application **process** online.

Result Management

Provide and management of academic results **SSC** and **HSC**.

Digital Library Access

Access and download to nationwide **NCTB textbooks** via a robust digital library.

AI Learning Assistant

Integrate an intelligent AI assistant to provide personalized **learning support** for students.

News Hub

Establish a platform for timely **educational announcements**.

Secure Platform

Ensure Every Student Dashboard and advanced role-based authentication **sign up** , **sign In** and **administrator dashboard**.



10GB Free Storage

Student Profile & Storage

Manage your academic profile and store documents securely in the cloud

[Explore Now](#) →

500+ Textbooks

Digital Textbook Library (NCTB)

Access all NCTB textbooks digitally from Class 1 to HSC level

[Explore Now](#) →

Instant Results

Results Checking (SSC/HSC)

Check your SSC and HSC results quickly through integrated portal

[Explore Now](#) →

200+ Institutions

Online Admission Hub

Apply to universities and colleges with automated form filling

[Explore Now](#) →

24/7 Available

AI Learning Assistant

Get personalized help with homework, summaries, and practice questions

[Explore Now](#) →

Daily Updates

News & Deadlines

Stay updated with educational news, results, and admission deadlines

[Explore Now](#) →

Transforming Educational Challenges into Solutions



Inefficient Educational Ecosystems

- Inefficient, **manual admissions** processes.
- Dividing results and checking each **section separately**.
- **Restricted** access to essential learning **resources**.
- There is no **single platform** that provides **all services** together.



EduConnect's Innovative Solutions

- **Seamless online application** and tracking.
- **Centralized system** for instant academic updates.
- **Access** to 200+ NCTB digital textbooks.
- Comprehensive **administrative dashboards** for data-driven decisions.

Feasibility & Market Opportunity



Market Research: Bangladesh

- Bangladesh is experiencing **rapid growth** in digital education.
- Over 10 million students require **accessible online educational services**.
- Over 200 universities **want an easier, automated** admission system.
- Our solution helps the Digital Bangladesh vision for education site.



Technical Feasibility: MERN Stack

- **Reliability:** Uses the trusted MERN stack to make the system reliable.
- **Scalability:** Grows easily because it uses a cloud-based database (MongoDB Atlas).
- **Cost-Efficiency:** Optimized processes make the system cheaper to develop and run.
- **Content:** Integrates over 200 digitized NCTB textbooks, greatly expanding content accessibility.

Research & Development Methodology

01

Research Methodology

Our research started with **surveys, interviews, and requirement analysis**. We supported this with studies of **existing platforms and academic sources**.

02

SDLC Model: Agile

Our development followed the **Agile (Spiral) model**, using **iterations, regular feedback, flexible requirements, and strong risk control**.

03

Development Phases

- **Phase 1: Foundation** (Authentication, Database) – Established **core architectural** components.
- **Phase 2: Core Features** (Admissions, Student Profile) – Implemented essential **user functionalities**.
- **Phase 3: Advanced** (AI Assistant) – Creating powerful AI and data analytics tools..

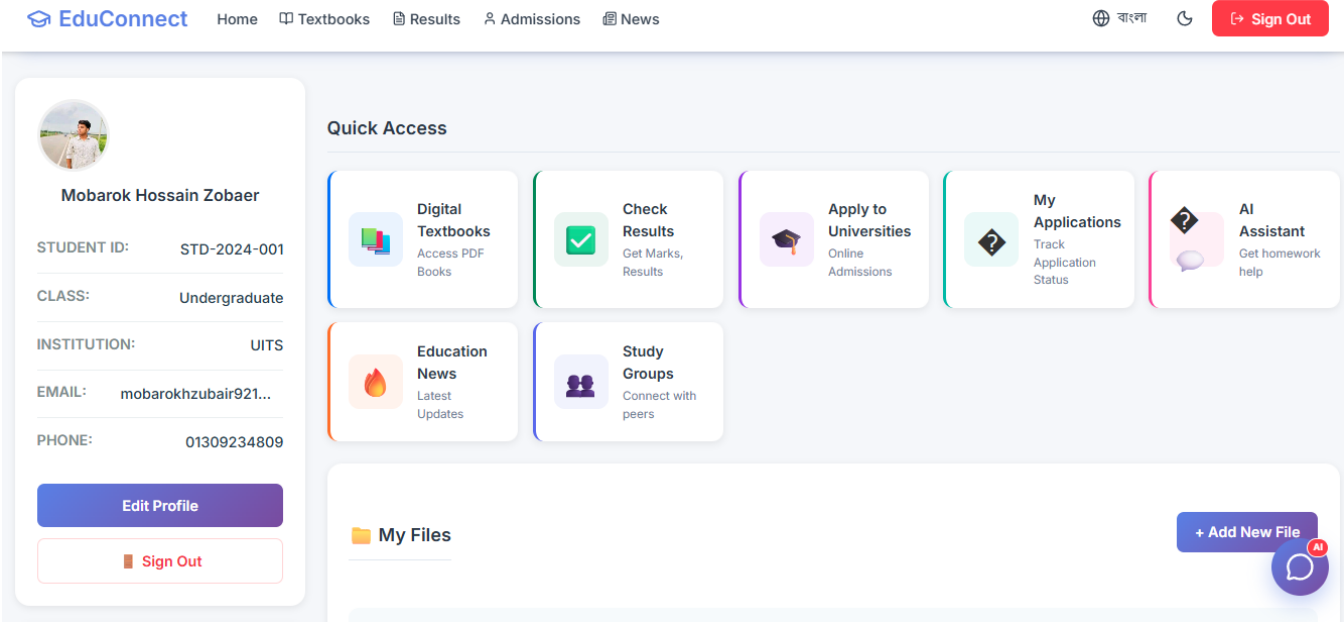
System Architecture: Data Flow Diagram



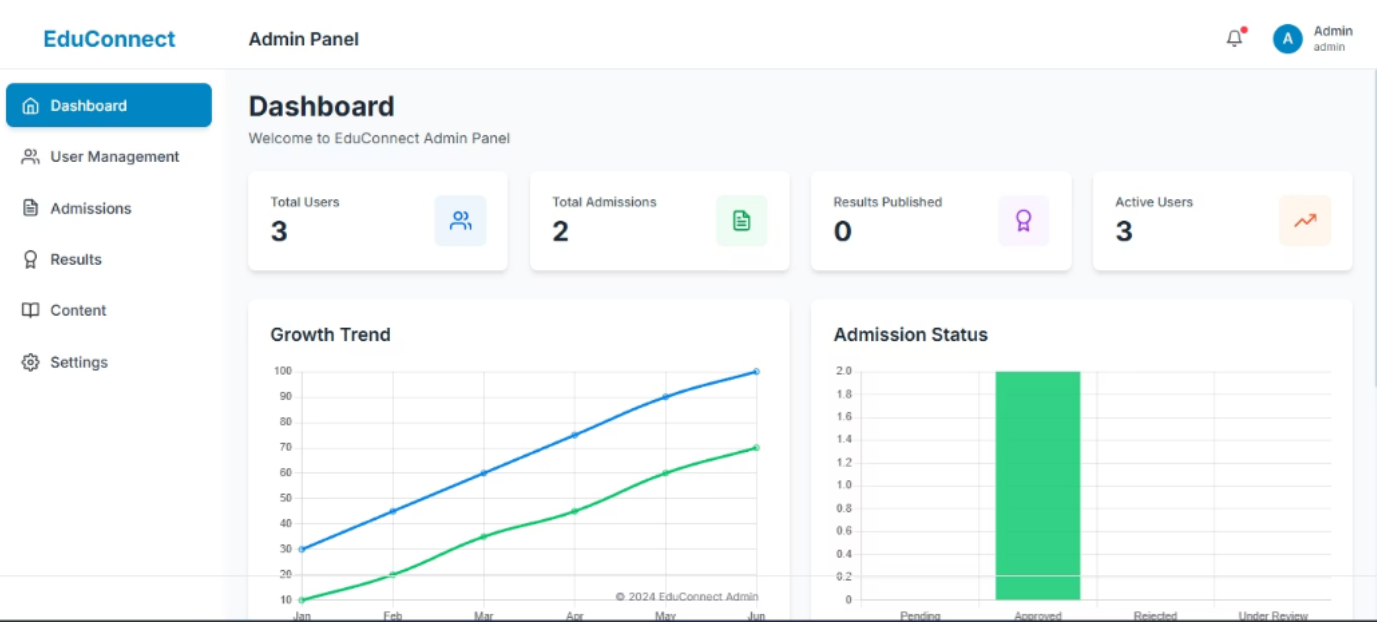
It provides critical insight into **system boundaries**, **core functionalities**, and the **dynamic movement** of information.

EduConnect: Comprehensive Features Overview

Student Website



Admin Portal



- **Online Admissions:** Users can **apply** and **track** their application status instantly.
- **Efficient Result Retrieval:** Students can quickly **check their results** using their roll number.
- **NCTB Digital Library:** Students can access all digital textbooks for grades 1 to 12.
- **AI Assistant:** Provides a smart chatbot to help students learn better.

- **Dynamic Dashboard:** Provides instant information to help make smart decisions.
- **User Management:** Provides **Create, Read, Update, Delete** functionalities.
- **Optimized Admission Workflow:** Streamlines the **approval and rejection** processes for all applications.
- **Content Management:** Makes it easy to **create and share news and updates**.

Socio-Economic Impact & Future Vision



Enhanced Operational Efficiency

Assume that we achieving a **70% reduction** in processing time for educational institutions, administrative tasks.



Optimized Cost Structures

Delivering **significant cost savings** for educational institutions through **digital transition**.



Resource Distribution

Provides all students with **fair access** to essential resources.

Strategic Future Initiatives

- Building a **mobile app** with React Native so **more people** can use it.
- Supports **hassle-free financial transactions** through bKash and Nagad.
- Allows users to choose **Bangla or English** for easier access

The background features a light cream color with faint, stylized illustrations of graduation caps and stacks of books. A large, semi-transparent 'Thank You' watermark is centered in the background.

Our Vision Realized

Our three-tier platform transforms education services in Bangladesh, creating notable social and economic impact.

Thank You!