

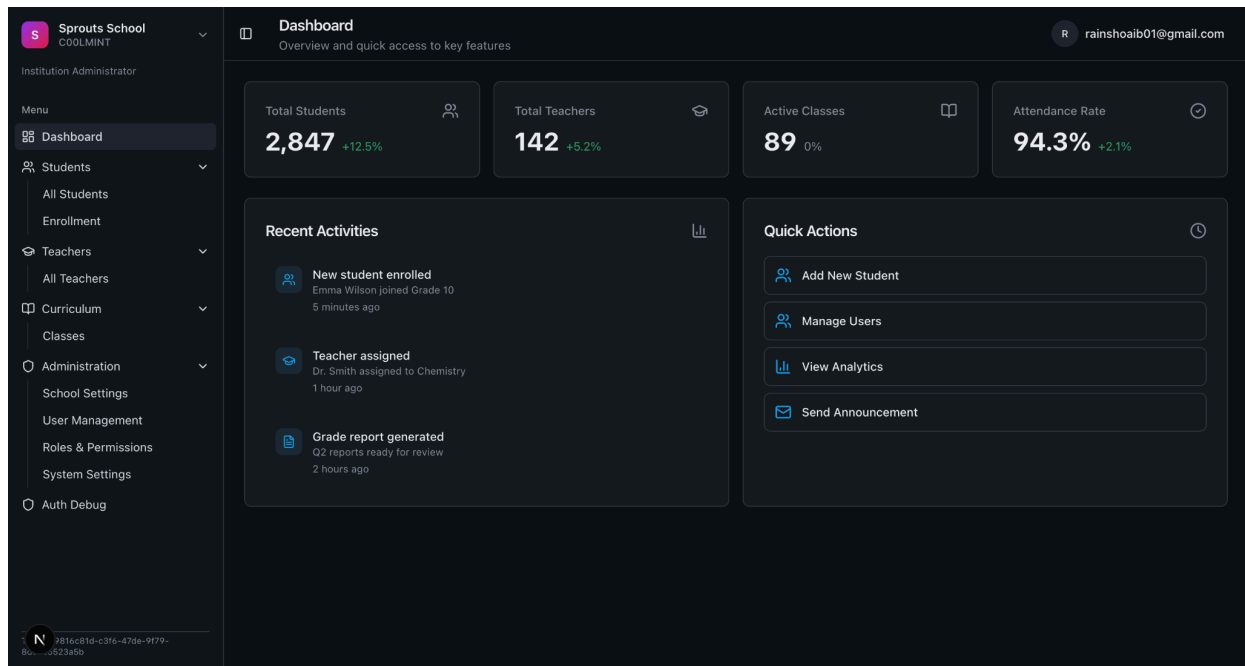
EdForge is a multi modern elegant enterprise grade EMIS (Education Management Information System) SaaS application.

Web application is built with NextJS, react, tailwind css and shadcn ui.

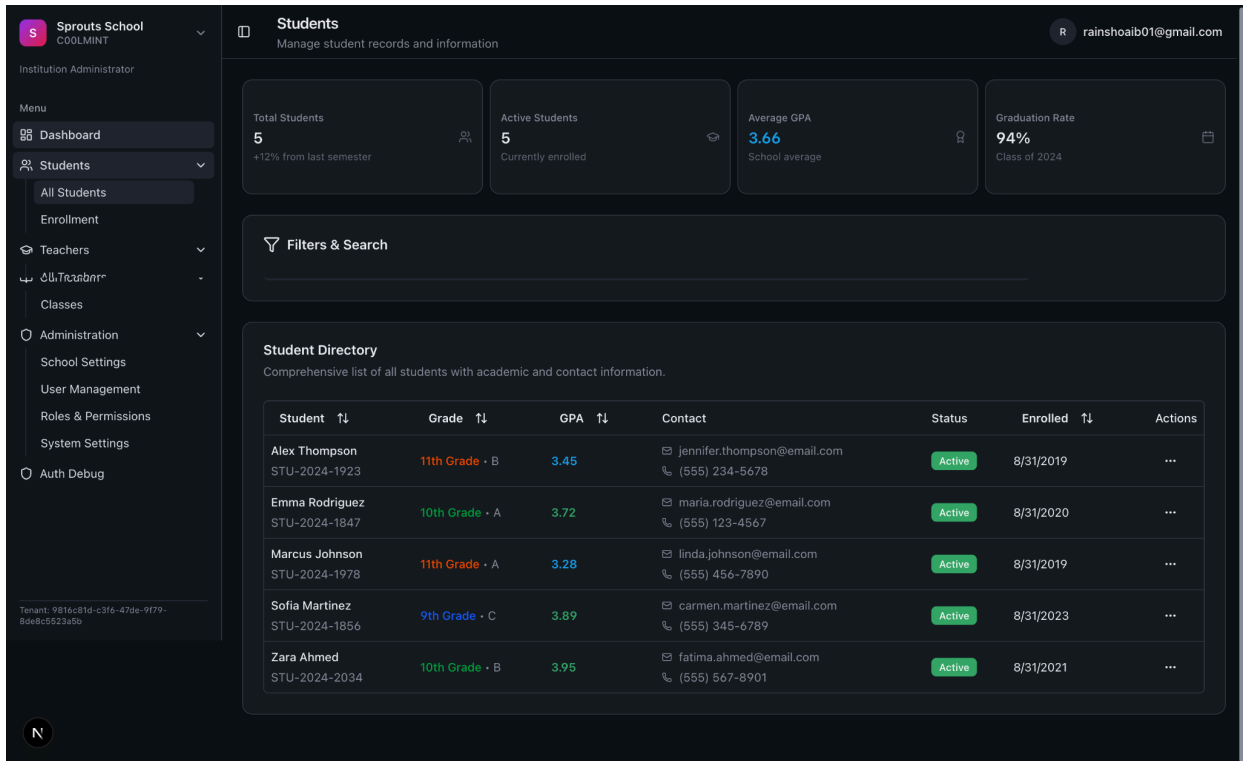
In this project; We want to design and create a client only functional POC for UI and application interfaces for EdForge.

The design architecture UI/UX should be robust, scalable and enterprise grade with unique distinct branding and design interfaces for ease of use, understanding and user experience.

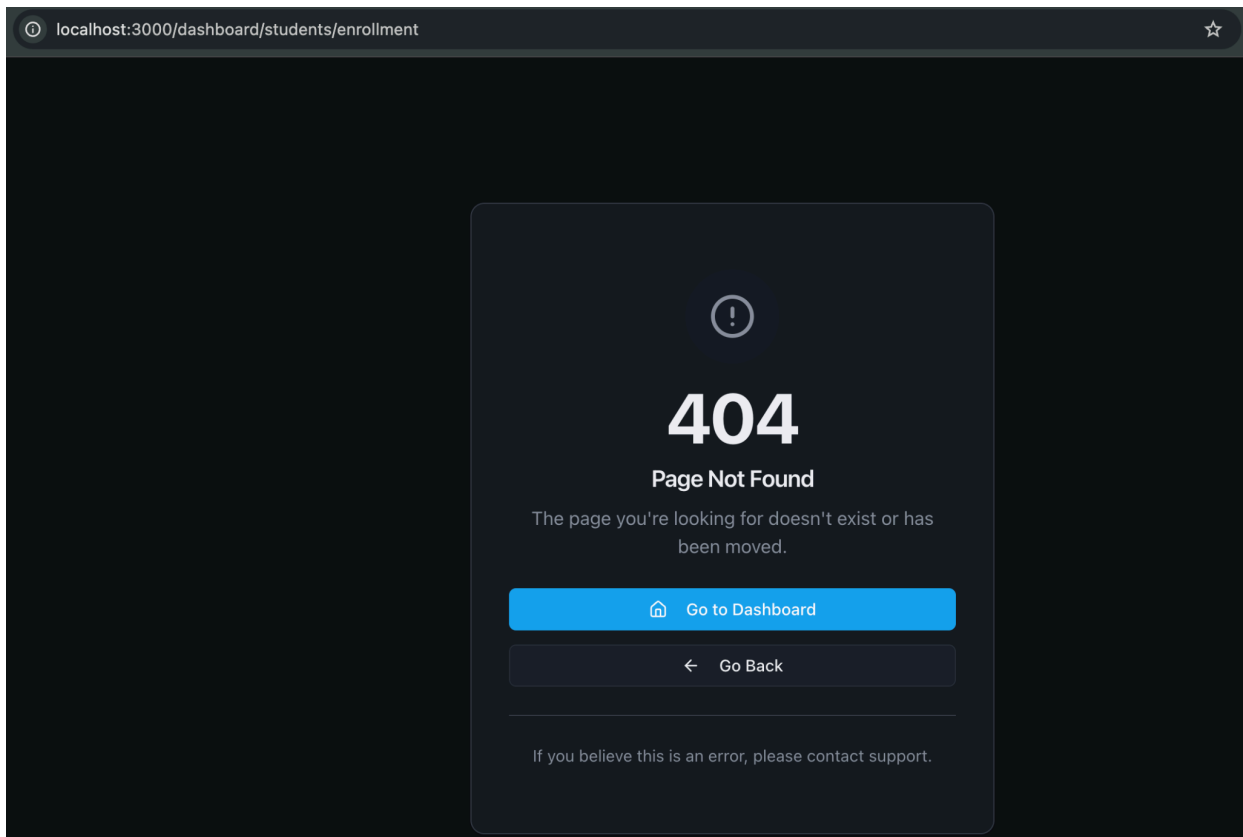
Some of the screen shots of the edforge application for you to understand and infer the design choices. UI UX elements looks and feels as well as color and font choices.



Dashboard page



Students page



Enrollment page (need to be developed in a POC)

S

Sprouts School

COOLMINT

Institution Administrator

Menu

Dashboard

Students

Teachers

Curriculum

Administration

Auth Debug

Students

Manage student records and information - STU-2024-1847

R

rainshoaib01@gmail.com

Emma Rodriguez

Student ID: STU-2024-1847 • 10th Grade • 2024-2025

Good

...

Overall GPA

3.72

10th Grade Student

Average Score

88%

14 categories

Classes Enrolled

6

5.5 credits

Attendance Rate

95%

Overall attendance

• Performance Analysis

Comprehensive assessment across academic and behavioral categories

Conduct

Participation

Attendance

Leadership

Collaboration

Critical Thinking

Communication

Mathematics

Science

English

Social Studies

Technology

Arts

Physical Education

Performance

• Top Performers

Attendance

96%

Technology

95%

Conduct

93%

Science

92%

• Focus Areas

Social Studies

78%

Communication

82%

Leadership

84%

English

85%

• Academic Classes

Current enrollment and performance in each subject

Algebra II

1 credit

Dr. Sarah Johnson • Room 204

Mon, Wed, Fri 9:00 AM

B+

94%

Chemistry

1 credit

Prof. Michael Chen • Lab 103

Tue, Thu 10:30 AM

A-

97%

World Literature

1 credit

Ms. Jennifer Lee • Room 156

Mon, Wed, Fri 11:00 AM

B

90%

World History

1 credit

Dr. Robert Smith • Room 208

Tue, Thu 1:00 PM

C+

91%

Computer Science

1 credit

Ms. Lisa Wang • Lab 205

Mon, Wed, Fri 2:00 PM

A

98%

Visual Arts

0.5 credits

Mr. David Brown • Studio 102

Tue, Thu 3:30 PM

A-

97%

• Contact Information

Primary contacts and address details

Address

1234 Oak Street

Springfield, Illinois 62701

Maria Rodriguez

Mother

(555) 123-4567

maria.rodriguez@email.com

Carlos Rodriguez

Father

(555) 123-4568

carlos.rodriguez@email.com

• Medical Information

Health details and emergency contacts

Blood Type

O+

Allergies

Peanuts

Shellfish

Emergency Contact

Maria Rodriguez (555) 123-4567

Insurance Provider

Blue Cross Blue Shield

• Extracurricular Activities

Student involvement beyond academics

Robotics Club

Art Society

Volunteer Club

• Awards & Achievements

Recognition and accomplishments

Honor Roll Q1

Science Fair Winner

Art Competition 2nd Place

Student profile/details page

S

Sprouts School

COOLMINT

Institution Administrator

Menu

Dashboard

Students

Teachers

Curriculum

Administration

Auth Debug

N

9816c81d-c3f6-47de-9f79-8de8c5523a5b

Curriculum

Manage courses, classes, and academic schedules - CLS-2024-001

R

rainshoaib01@gmail.com

← Back to Classes

active

...

A

Advanced Mathematics A

MATH-11A • Mathematics • 11th Grade

28 of 30 students

Mond, Wedn, Frid 09:00 - 10:30

Room 301

Dr. Sarah Chen

Stream

Classwork

People

Grades

Progress

D

Share something with your class...

+ Post

D

Dr. Sarah Chen • 2 hours ago

Welcome to Advanced Mathematics A! I'm excited to start this academic year with all of you. Please review the syllabus and don't hesitate to reach out if you have any questions.

3 Comments

Add Material

D

Dr. Sarah Chen • 1 day ago

Chapter 1 Practice Problems

Complete exercises 1-15 from Chapter 1. Due: Friday, October 15th at 11:59 PM

7 Comments

View Assignment

D

Dr. Sarah Chen • 3 days ago

Weekly Quiz #2

Quiz covering topics from Week 2. You have 30 minutes to complete.

2 Comments

Take Quiz

Upcoming

Chapter 1 Practice Problems

Due Friday, Oct 15

Midterm Exam

Due Monday, Oct 25

View All

Class Code

ABC123

Share this code with students

classroom page

Sprouts School
COOLMINT
Institution Administrator

Menu

- Dashboard
- Students
 - All Students
 - Enrollment
- Teachers
 - All Teachers
- Curriculum
 - Classes
- Administration
 - Auth Debug

Create Classroom
Set up a new classroom with students and assignments

Classroom Preview
Customize the appearance of your classroom banner

Classroom Title
CLASS-CODE • Grade Level

Theme Color

Select Photo Upload Photo

Basic Information
Set up your classroom with all necessary information

Classroom Name *
e.g., Advanced Mathematics A

Class Code *
e.g., MATH-11A

Grade Level *
Select grade level

Subject *
Select subject area

Class Introduction
Provide a brief introduction or syllabus overview for this classroom...

Schedule & Location
Set up the classroom schedule and physical location

Maximum Capacity *
e.g., 30

Room Assignment
e.g., Room 301

Academic Year
2024-2025

Semester
Fall

Classroom Settings
Configure classroom behavior and permissions

Student Enrollment
Allow students to join automatically

Gradebook
Enable grade tracking

Discussions
Allow student discussions

Parent Access
Allow parent monitoring

Notifications
Set up notification preferences

Email Notifications

Assignment Reminders

Grade Updates

Cancel Create Classroom

Classroom create form page

Read, observe and understand visually these above screenshots of the EdForge to fully understand the UI/UX designs and principles.

These are the following interfaces POC we need to develop:

1. Enrollment Service

First we need a page for /enrollment

This is an elegant clean modern looking enrollment page that contains all the details related to student enrollment and parents enrollments. This page is the landing page for /enrollment for the school admin to view all the enrollment information and business critical charts/info like enrollment trends, draft applications, enrollment related alerts etc. The UI should be modern, elegant and creative for the best user experience.

a. Student Enrollment form

First of all, design react components and hooks to build a robust scalable and elegant looking stepper that is reusable.

We will then use that stepper for use cases like student admission/enrollment; onboarding staff/teachers/users etc..

I. Student Enrollment/Admission Form

For this form, we will need 4 steps:

a. Student Information

These steps contain form input for student only information; be creative and smart for input fields and options; required and optional fields.

b. Contact Details

This step contains the form inputs required for student contact information; this also includes the functionality to add student parents; adding emergency contact etc.. User should be able to add addresses, phones, emails, can add multiple address, button to add Parent, can add multiple parent, can make one parent primary (usually students legal guardian that is responsible for paying fees and etc.)

c. Academics

This step contains the input fields and information related to student academics; like grades, and form fields for any past/previous academic history etc. Based on the grade selected for the enrolling/admitting student; this section also displays the tuition rates and any other financial information for the student on this page. In the actual application, there will be another module that runs to get these tuition and finance information for student enrollment; for this POC put a simple functionality tuition rate for grade per year... option for one time payout, installment based on school/terms semesters (keep in mind these are the functionalities that will be later developed, but it is important business requirement and product requirement to have these on the enrollment workflow when student is being enrolled/admitted)

d. Review and Finalize

Runs all the validations and confirmation for the business/school enrollment process, and creates a printable detailed summary page including finance and tuition breakdown.

Each of these forms steps should be separate form components that should be composed into one single enrollment form. I want you to be creative and elegant in designing and implementing these functionalities and features.

Keep in mind the server and react components and robust secure implementation.

Then we need a similar POC for staff/employee onboarding process.

Some more screenshots of the edforge:

Welcome to EdForge

Enterprise-grade Education Management Information System with world-class UI/UX design

- Get Started
- Learn More
- View Demo

Core Features

**Student Management**
Comprehensive student profiles and records.

**Curriculum Planning**
Design and manage educational programs.

**Analytics & Reports**
Data-driven insights for better decisions.

**Academic Excellence**
Track performance and achievements.

Design System - Color Palette

Brand Colors

Primary
Trust & Stability

Secondary
Growth & Balance

Accent
Action & Focus

Muted
Subtle UI

Card
Surface

Background
Base Layer

Semantic Colors (WCAG AA Compliant)

Success
Positive actions completed

Warning
Caution required

Error
Critical issue detected

Info
Helpful information

Typography System

Heading 1 - Display
56px / 3.5rem - Bold, Tracking Tight

Heading 2 - Section
48px / 3rem - Bold, Tracking Tight

Heading 3 - Subsection
32px / 2rem - Semi-bold, Tracking Tight

Heading 4 - Card
24px / 1.5rem - Semi-bold

Body Large - Primary content and important text
18px / 1.125rem - Regular

Body - Default text for most content and UI elements
16px / 1rem - Regular

Small - Secondary information and metadata
14px / 0.875rem - Regular

Monospace - Code and technical content
16px / 1.125rem - Regular

UI Components Preview

Buttons

Primary

Secondary

Accent

Outline

Muted

Destructive

Form Inputs

Text Input

Enter text...

Select

Option 1

Cards

Default Card

Muted Card

Subtle background for secondary content.

Alerts & Notifications

Success message

Warning message

Error message

Info message

