

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.

The screenshot shows the EdForge dashboard interface. On the left is a dark sidebar menu with the following structure:

- Sprouts School COOLMINT
- Institution Administrator
- Menu
  - Dashboard (selected)
  - Students
    - All Students
    - Enrollment
  - Teachers
    - All Teachers
  - Curriculum
    - Classes
  - Administration
    - School Settings
    - User Management
    - Roles & Permissions
    - System Settings
  - Auth Debug

The main dashboard area has a light background. At the top, it displays four key metrics:

- Total Students: 2,847 (+12.5%)
- Total Teachers: 142 (+5.2%)
- Active Classes: 89 0%
- Attendance Rate: 94.3% (+2.1%)

Below these are two sections: "Recent Activities" and "Quick Actions".

**Recent Activities:**

- New student enrolled: Emma Wilson joined Grade 10 (5 minutes ago)
- Teacher assigned: Dr. Smith assigned to Chemistry (1 hour ago)
- Grade report generated: Q2 reports ready for review (2 hours ago)

**Quick Actions:**

- Add New Student
- Manage Users
- View Analytics
- Send Announcement

Dashboard page

The screenshot shows the Sprouts School COOLMINT dashboard with the 'Students' page selected. The left sidebar includes a logo, user information ('rainshoai01@gmail.com'), and a navigation menu with links like Dashboard, Students, Enrollment, Teachers, Curriculum, Classes, Administration, School Settings, User Management, Roles & Permissions, System Settings, and Auth Debug. A tenant ID is also listed at the bottom of the sidebar.

The main content area has a title 'Students' and a subtitle 'Manage student records and information'. It features four summary cards: 'Total Students' (5, +12% from last semester), 'Active Students' (5, Currently enrolled), 'Average GPA' (3.66, School average), and 'Graduation Rate' (94%, Class of 2024). Below these is a 'Filters & Search' section. The 'Student Directory' section contains a table with columns: Student, Grade, GPA, Contact, Status, Enrolled, and Actions. The table lists five students:

Student	Grade	GPA	Contact	Status	Enrolled	Actions
Alex Thompson STU-2024-1923	11th Grade - B	3.45	jennifer.thompson@email.com (555) 234-5678	Active	8/31/2019	...
Emma Rodriguez STU-2024-1847	10th Grade - A	3.72	maria.rodriguez@email.com (555) 123-4567	Active	8/31/2020	...
Marcus Johnson STU-2024-1978	11th Grade - A	3.28	linda.johnson@email.com (555) 456-7890	Active	8/31/2019	...
Sofia Martinez STU-2024-1856	9th Grade - C	3.89	carmen.martinez@email.com (555) 345-6789	Active	8/31/2023	...
Zara Ahmed STU-2024-2034	10th Grade - B	3.95	fatima.ahmed@email.com (555) 567-8901	Active	8/31/2021	...

## Students page

The screenshot shows a 404 error page with the URL 'localhost:3000/dashboard/students/enrollment' in the address bar. The page has a dark background with a large central box containing a blue exclamation mark icon, the number '404', the text 'Page Not Found', and the message 'The page you're looking for doesn't exist or has been moved.' Below this is a blue button with the text 'Go to Dashboard' and a back button labeled 'Go Back'. At the bottom, there is a link to contact support.

## Enrollment page (need to be developed in a POC)

**Sprouts School** COOLMINT

Institution Administrator

Menu

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

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**Students**

Manage student records and information - STU-2024-1847

**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

Category	Score (%)
Mathematics	85
Science	88
English	82
Social Studies	78
Technology	80
Arts	75
Physical Education	70
Communication	78
Collaboration	75
Critical Thinking	72
Leadership	70
Attendance	75
Participation	78
Conduct	80
Conduct	82

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

Subject	Credit	Teacher	Room	Grade	Performance
Algebra II	1 credit	Dr. Sarah Johnson	Room 204	Mon, Wed, Fri 9:00 AM	B+
Chemistry	1 credit	Prof. Michael Chen	Lab 103	Tue, Thu 10:30 AM	A-
World Literature	1 credit	Ms. Jennifer Lee	Room 156	Mon, Wed, Fri 11:00 AM	B
World History	1 credit	Dr. Robert Smith	Room 208	Tue, Thu 1:00 PM	C+
Computer Science	1 credit	Ms. Lisa Wang	Lab 205	Mon, Wed, Fri 2:00 PM	A
Visual Arts	0.5 credits	Mr. David Brown	Studio 102	Tue, Thu 3:30 PM	A-

**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

N

Student profile/details page

The screenshot shows a dark-themed user interface for a classroom management system. On the left, a sidebar menu includes options like Dashboard, Students, Teachers, Curriculum (selected), Classes, Administration, and Auth Debug. The main content area is titled "Curriculum" and shows "Advanced Mathematics A" (MATH-11A) for 11th Grade. It lists 28 of 30 students and provides details for the class period (Mond, Wedn, Fri 09:00 - 10:30) and location (Room 301). A post from Dr. Sarah Chen welcomes students to the class and encourages them to review the syllabus. Another post from Dr. Sarah Chen about Chapter 1 Practice Problems is also visible. A sidebar on the right displays an "Upcoming" section with a "Midterm Exam" due Monday, Oct 25, and a "Class Code" section with "ABC123".

Sprouts School  
COOLMINT

Institution Administrator

Menu

Dashboard

Students

All Students

Enrollment

Teachers

All Teachers

Curriculum

Classes

Administration

Auth Debug

N 9816c81d-c3f6-47de-9179-Bde8c5523a5b

Curriculum

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

Back to Classes

A Advanced Mathematics A

MATH-11A · Mathematics · 11th Grade

28 of 30 students · Mond, Wedn, Fri 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

R rainshoib01@gmail.com

active ...

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

The screenshot displays the 'Create Classroom' form in the EdForge application. The left sidebar shows the navigation menu with 'Sprouts School COOLMINT' selected. The main form is divided into several sections:

- Classroom Preview**: Allows customization of the classroom banner with a theme color (blue gradient) and a classroom title ('Classroom Title') and code ('CLASS-CODE • Grade Level'). It also includes a theme color selector with five options (blue, green, orange, purple, red) and photo upload buttons.
- Basic Information**: Fields for 'Classroom Name' (e.g., Advanced Mathematics A), 'Class Code' (e.g., MATH-11A), 'Grade Level' (Select grade level dropdown), 'Subject' (Select subject area dropdown), and 'Class Introduction' (Text area for providing a brief introduction or syllabus overview).
- Schedule & Location**: Fields for 'Maximum Capacity' (e.g., 30), 'Room Assignment' (e.g., Room 301), 'Academic Year' (2024-2025 dropdown), and 'Semester' (Fall dropdown).
- Classroom Settings**: Configure classroom behavior and permissions. Options include:
  - Student Enrollment**: Allow students to join automatically (switch on)
  - Gradebook**: Enable grade tracking (switch on)
  - Discussions**: Allow student discussions (switch on)
  - Parent Access**: Allow parent monitoring (switch on)
- Notifications**: Set up notification preferences. Options include:
  - Email Notifications** (switch on)
  - Assignment Reminders** (switch on)
  - Grade Updates** (switch on)

At the bottom right are 'Cancel' and 'Create Classroom' buttons.

Classroom create form page

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

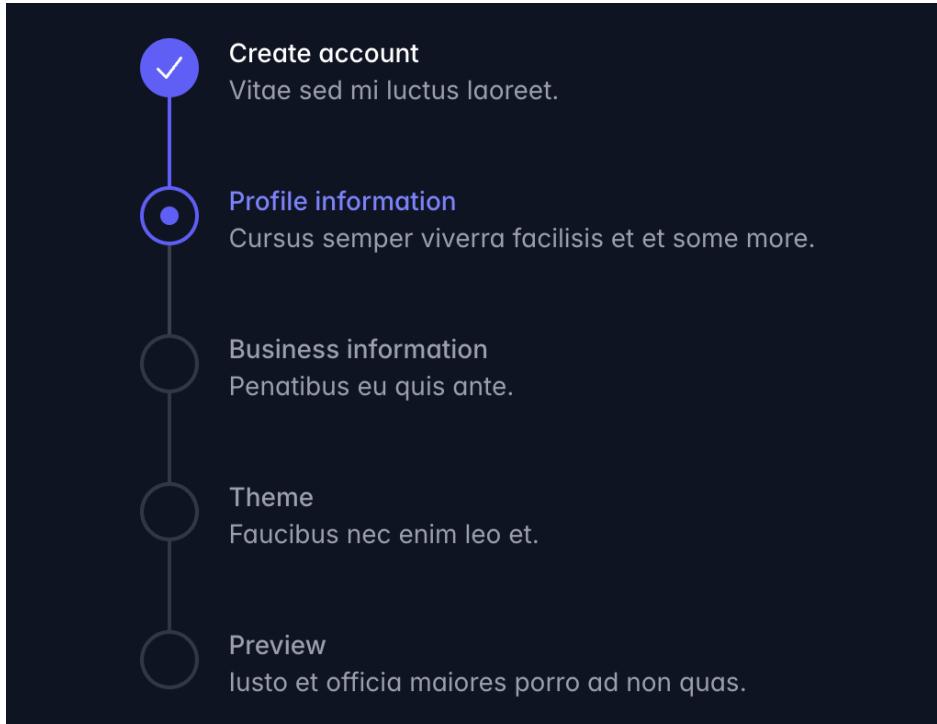
These are the following interfaces POC we need to develop:

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 similar POC for staff/employee onboarding process.

Some more screenshots of the edforge:

 EdForge  
Enterprise EMIS

# 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

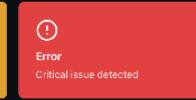
Semantic Colors (WCAG AA Compliant)



**Success**  
Positive actions completed



**Warning**  
Caution required



**Error**  
Critical issue detected



**Info**  
Helpful information

### Typography System

**Heading 1 - Display**  
56px / 3.6rem - Bold, Tracking Tight

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

**Heading 3 - Subsection**  
32px / 2rem - Semibold, Tracking Tight

**Heading 4 - Card**  
24px / 1.5rem - Semibold

**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  
14px / 0.875rem - Monospace

Font Family: Inter (Font Family)

### UI Components Preview

#### Buttons

[Primary](#) [Secondary](#) [Accent](#)  
[Outline](#) [Muted](#) [Destuctive](#)

#### Form Inputs

**Text Input**

**Select**  
  
Option 1

#### Cards

**Default Card**  
A standard card with a solid background color.

**Muted Card**  
Subtle background for secondary content.

#### Alerts & Notifications

 Success message

 Warning message

 Error message

 Info message

## Student Enrollment

Manage and monitor all student admissions

[Add Student](#) [Import](#)

Total Enrolled  
**2,847**  
+245 this month

Enrolled This Month  
**245**  
+12% vs last month

Completed  
**2,844**  
99.9% completion rate

Pending Review  
**3**  
Awaiting approval

**Add Student Manually**  
Enroll a single student with complete information

- 5-step guided form
- Real-time validation
- Instant enrollment

[Start Enrollment →](#)

**Import Students**  
Upload multiple students via CSV or Excel

- CSV/Excel support
- Bulk validation
- Batch processing

[Upload File →](#)

Pending Review  
**3**  
Awaiting approval

Data Verification  
**5**  
Ready to verify

Total Students  
**2,847**  
+245 this month