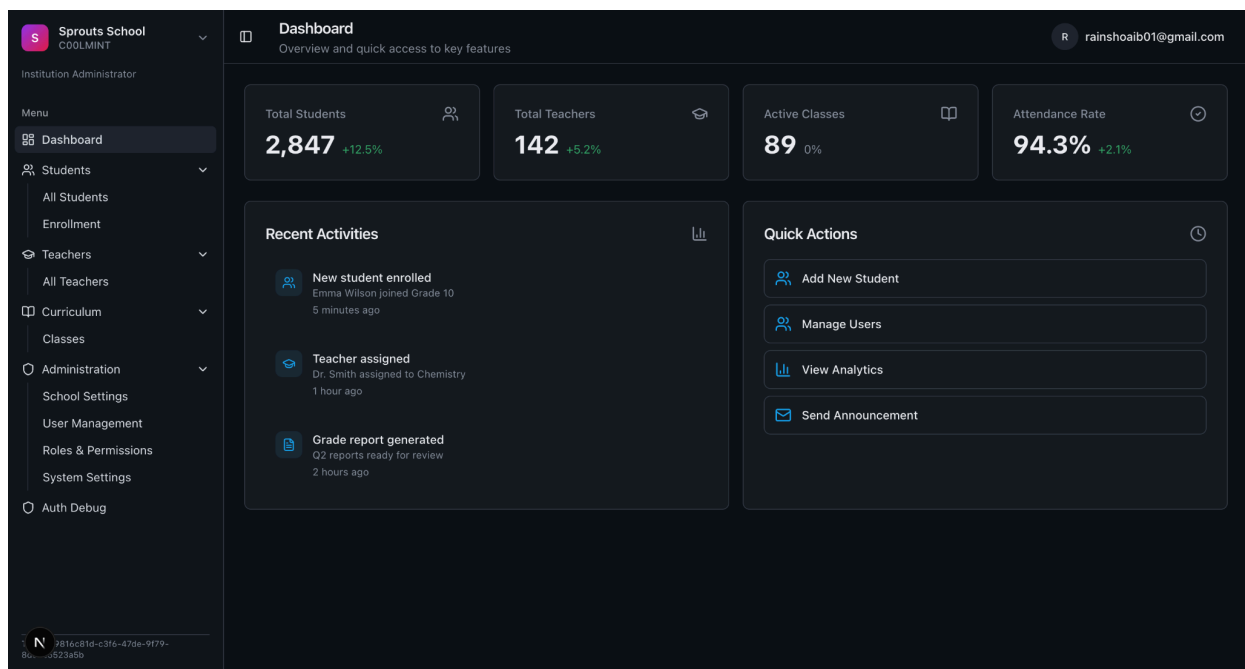EdForge is a multi modern elegant enterprise grade EMIS (Education Management Information System) SaaS application.
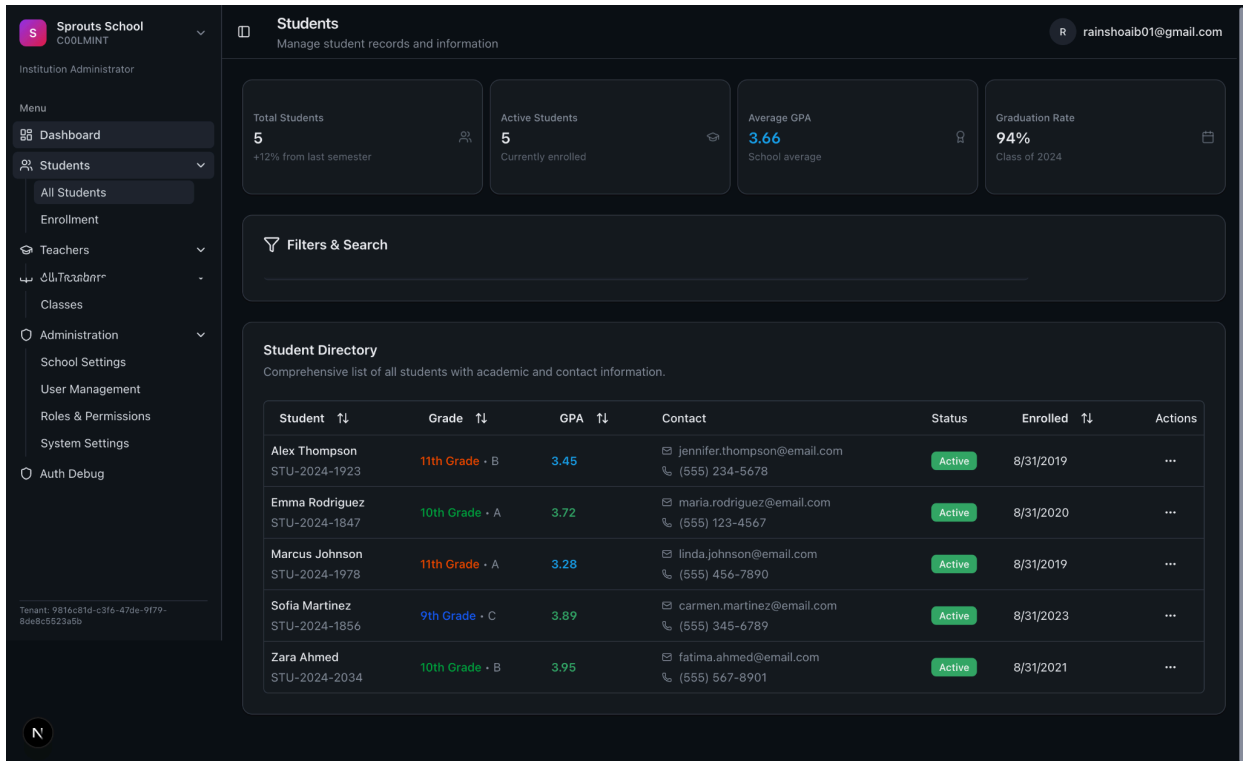Web application is built with NextJS, react, tailwind css and shadcn ui.

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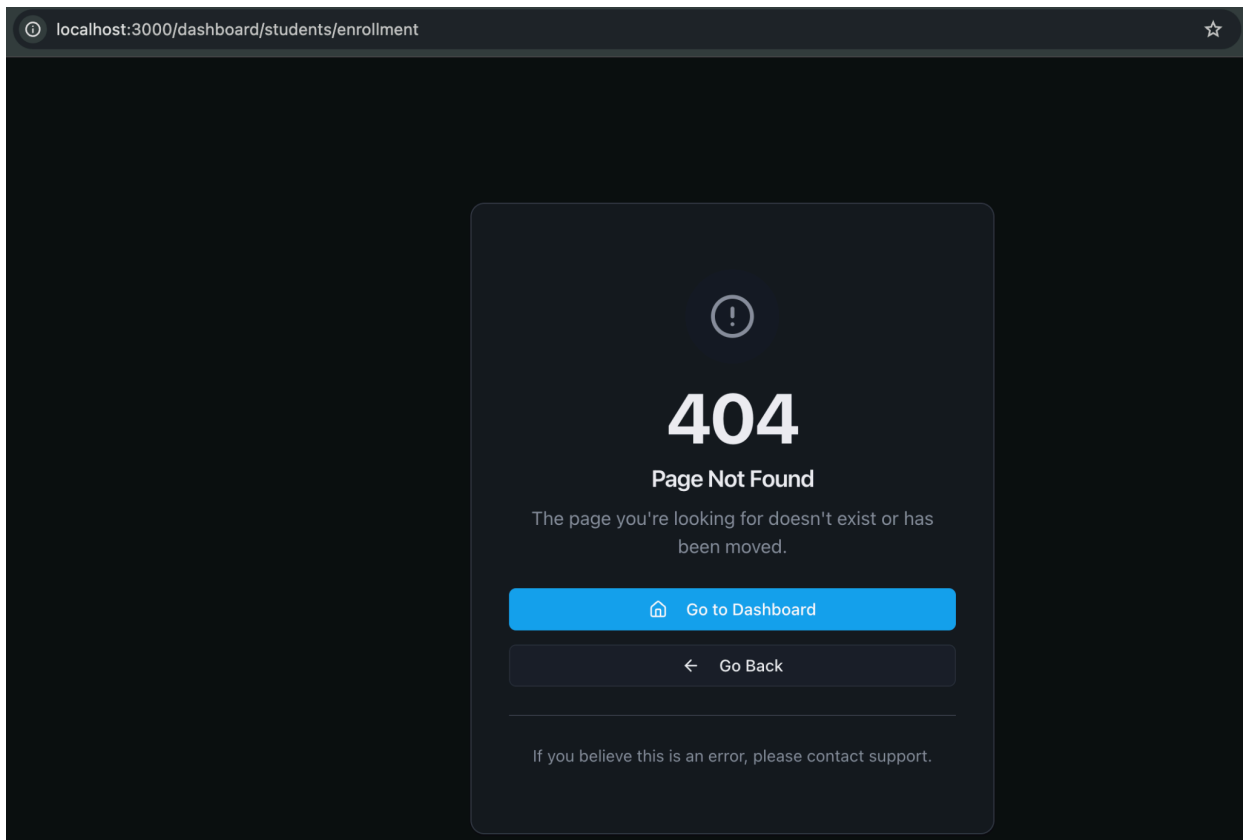
Some of the screen shots of the edforge application for you to understand and infer the design choices. UI UX elements looks and feels as well as color and font choices.

Dashboard page

Menu

Dashboard

Students
  All Students
  Enrollment

Teachers
  ᏣᏓᏍᏅᏏᎢ
  Classes

Administration
  School Settings
  User Management
  Roles & Permissions
  System Settings

Auth Debug

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

Students
Manage student records and information

rainshoaib01@gmail.com

Total Students
5
+12% from last semester

Active Students
5
Currently enrolled

Average GPA
3.66
School average

Graduation Rate
94%
Class of 2024

Filters & Search

Student Directory
Comprehensive list of all students with academic and contact information.

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

localhost:3000/dashboard/students/enrollment

404
Page Not Found
The page you're looking for doesn't exist or has been moved.

🏠 Go to Dashboard

← Go Back

If you believe this is an error, please contact support.

Enrollment page (need to be developed in a POC)

Sprouts School
C00LMINT
Institution Administrator

Menu

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

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

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　Mathematics　Science
Participation　　　　　　　English
Attendance　　　　　　　Social Studies
Leadership　　　　　　　Technology
Collaboration　　　　　　Arts
Critical Thinking　Communication　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

N

Student profile/details page

Menu

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

N Te... 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

📄 **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

❓ **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

N

classroom page

Classroom create form page

Read, observe and understand visually these above screenshots of the EdForge to fully understand the UI/UX designs and principles.
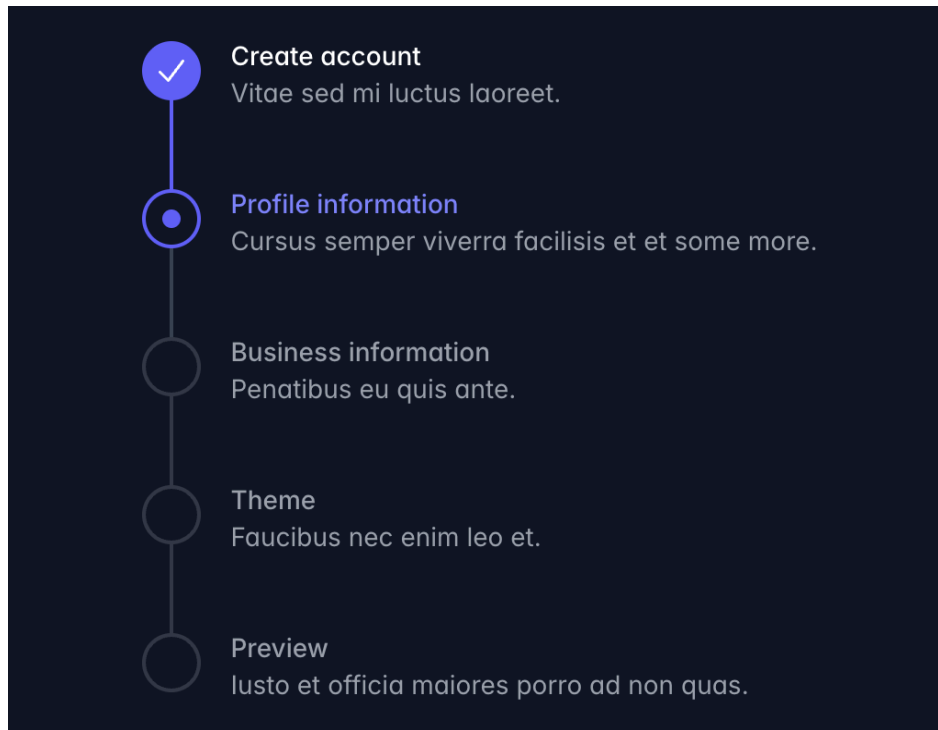
These are the following interfaces POC we need to develop:
1. Enrollment Service
   First we need a page for /enrollment
   This is an elegant clean modern looking enrollment page that contains all the details related to student enrollment and parents enrollments. This page is the landing page for /enrollment 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:

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	Secondary	Accent	Muted	Card	Background
Trust & Stability	Growth & Balance	Action & Focus	Subtle UI	Surface	Base Layer

Semantic Colors (WCAG AA Compliant)

Success	Warning	Error	Info
Positive actions completed	Caution required	Critical issue detected	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 - 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
JetBrains Mono - 14px / 0.875rem

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

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