Case Study: EduHub – A Student Learning Platform

EduHub is a fictional platform for students to:

- Browse courses and articles
- View their personal dashboard
- Read real-time announcements
- See featured blog posts

Project Requirements with Rendering Techniques

Feature	Description	Rendering Technique	Why this technique?
1. Course Listing Page	List of available courses	SSG	Static content that rarely changes; needs SEO
2. Student Dashboard	Personalized content (name, enrolled courses)	SSR	Must fetch real-time user data securely on each request
3. Live Announcements	Notification panel with latest updates (non-SEO)	CSR	Needs quick updates; not crawled by Google
4. Featured Blog Page	Blog homepage updated hourly with new featured posts	ISR	Mostly static but needs background refresh without full rebuild

Folder Structure in src/app

```
src/app/
├── courses/           # SSG
│   └── page.js
├── dashboard/         # SSR
│   └── page.js
├── announcements/     # CSR
```

```
|       └── page.js
├── featured-blog/        # ISR
|       └── page.js
```