Project – News Site

In this project you will develop a web application for a news site. As you know, a news site can have many diverse types of content. Below is what needs to be included in your site. You can add other content if you want.

Requirements

Pages

- Present news
  - Browse news by categories: Local, Sweden, World, Weather, Economy, Sports, etc.
- Front page
  - Example – Latest, editor's choice, most popular
- Register & Login (send confirmation email)
- My page with reset password, view subscriptions, personalized newsletter (sign up and edit)
- Create subscription – "Subscribe Now" shown if user has not active subscription
  - Validate credit card information to verify that values entered are plausible
- Privacy (cookie consent)
- Admin pages
  - Manage articles (editor)
  - Editor's choice
  - View subscription statistics
  - Adding employees, assigning roles, etc.

You could add other pages if you like. One suggestion is to have a web shop where visitors can buy products related to the site.

API Requests

- Weather
- Choose at least one more (e.g. Business Data or Electricity Prices)

Technical Stack

- NEXT.js 15 with App Router
- PostgreSQL
- Prisma ORM

- Better Auth
- Tailwindcss
- shadcn/ui
- Zod Validation

Database Models

Note: These are examples of properties that the models could contain, not the full schema. It's up to you to add what you need.

Article

- id
- headline
- summary
- content
- views
- image
- createdAt
- updatedAt
- category

Category

- id
- name

Subscription

- id
- price
- createdAt
- expiresAt
- type
- user

SubscriptionType

- id
- name
- description
- price