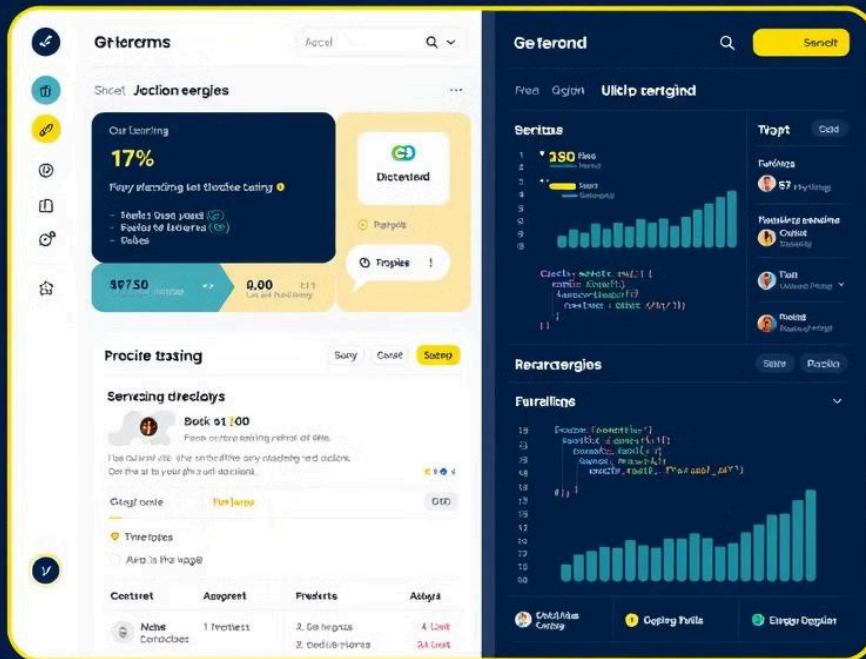


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LearnCode: Online Programming Course Platform

Interactive programming courses in Java, Python, Ruby, and Swift.
Structured modules, hands-on exercises, and progress tracking.



Challenges in Learning Programming

Structured Courses

Lack of structured online programming courses.

Course Levels

Difficulty finding beginner and advanced courses in one place.

Engagement

Need for better engagement through interactive lessons.

LearnCode Key Features



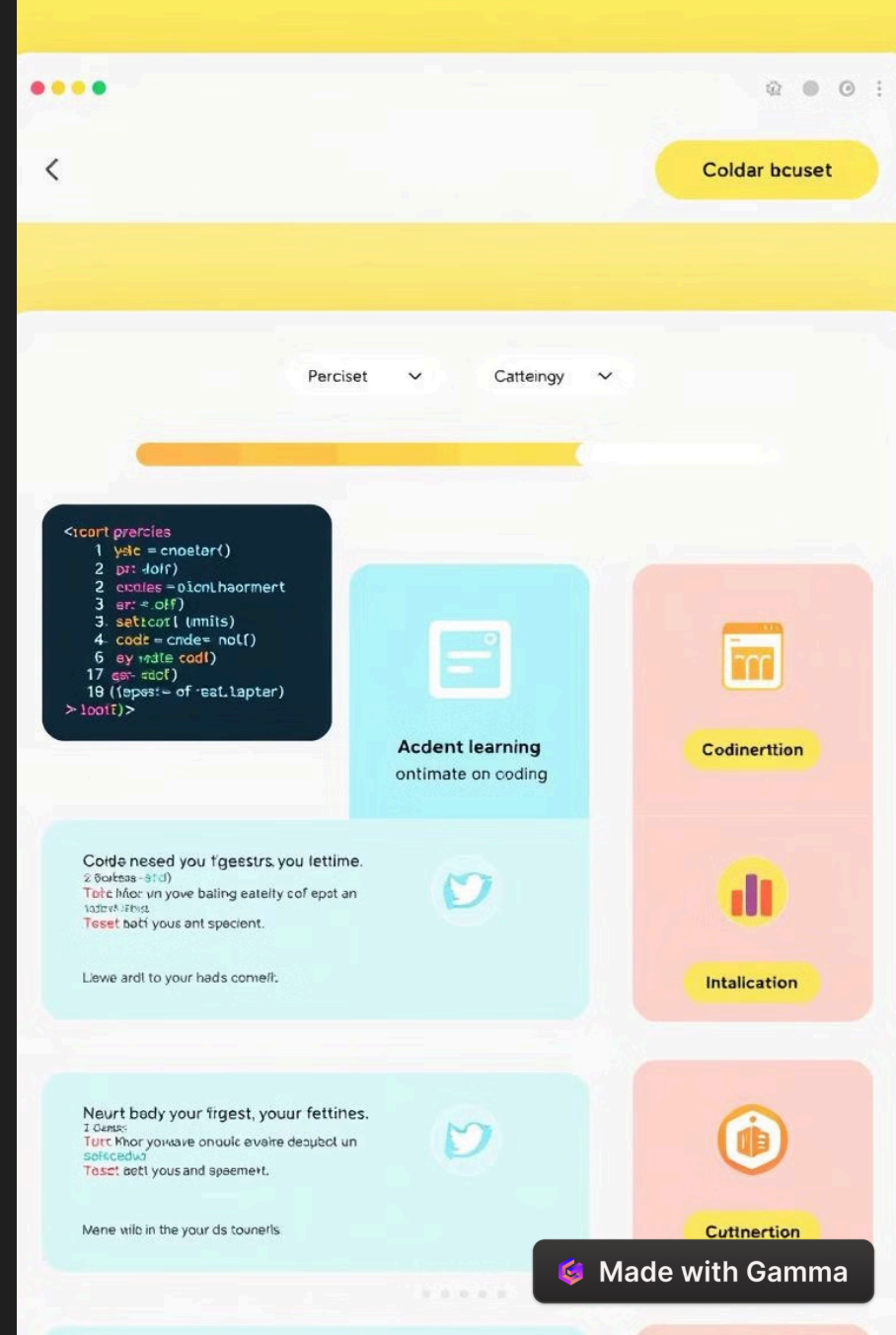
Structured Courses

Java, Python, Ruby, Swift (Beginner to Advanced).



Interactive Lessons

Hands-on coding exercises.



Technology Stack

Frontend

Angular (Component-based architecture, Bootstrap for styling)

Backend

API for course fetching

Other Tools

Observables, Pipes for search filters, Form Handling

Architecture & Folder Structure

`app/`

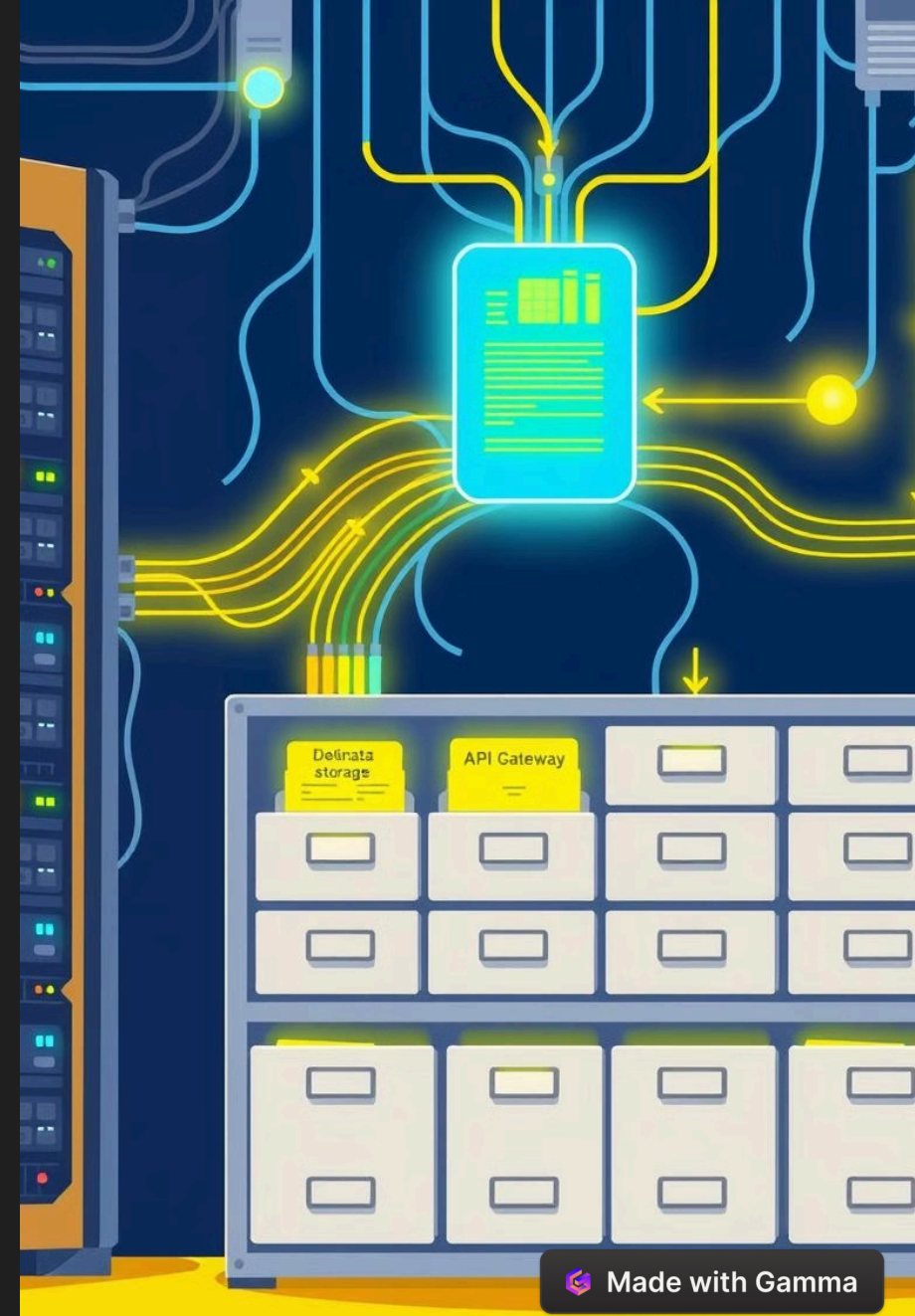
Main application logic

`components/`

`home/`, `courses/`, `login/`, `registration/`

`services/`

API calls & Observables



Live Demo & API Integration

1

Course Listing

Real-time updates

2

Search Filters

Applied using pipes

3

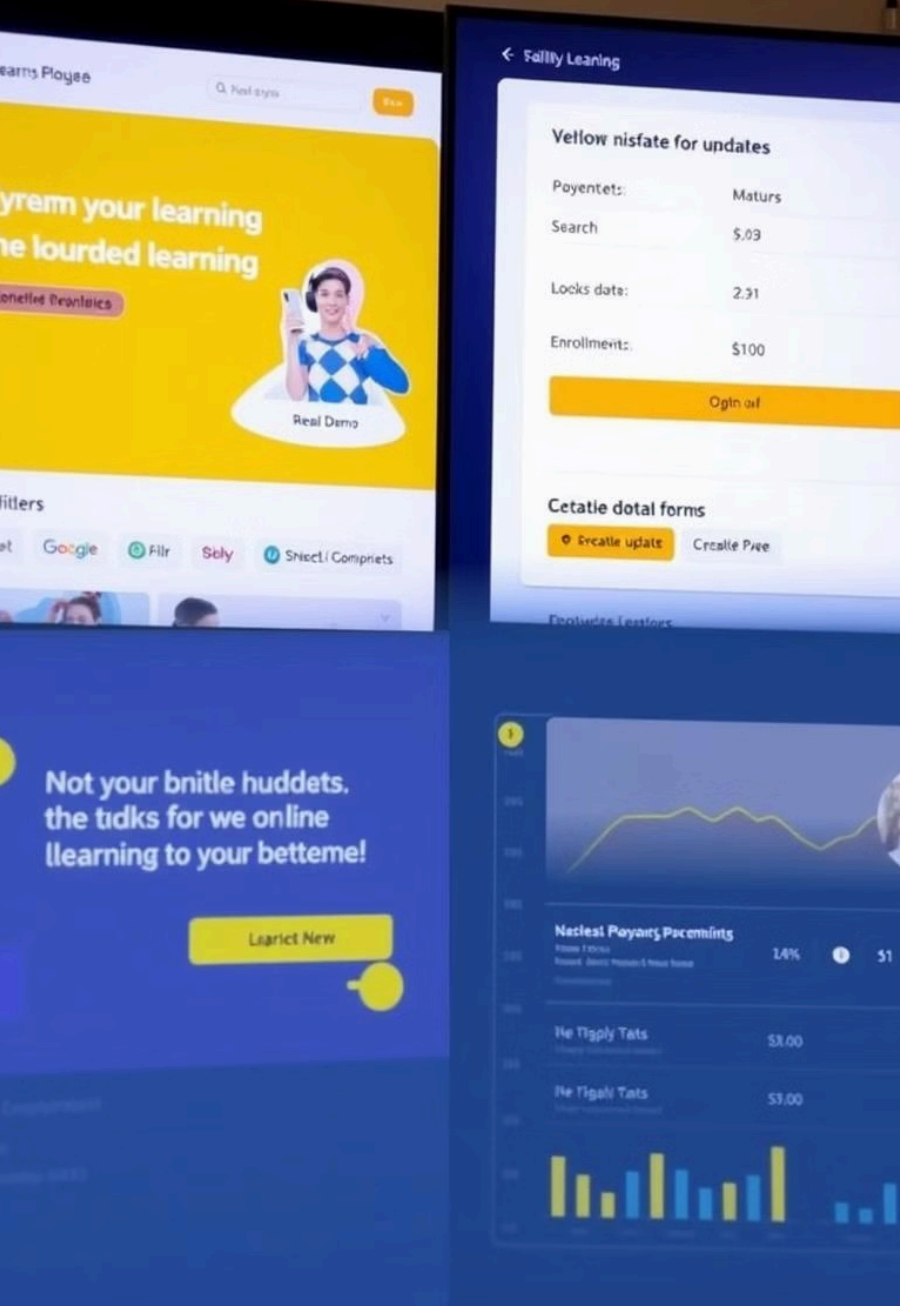
Enrollment Form

Submitting data to backend

4

API Data

Display available courses dynamically



Future Enhancements

1

Mobile App

Cross-platform mobile app

2

Live Coding

Real-time mentor-guided lessons

3

AI Recommendations

Personalized learning suggestions

Online Learning

Actus

Holmes

Pertoms

Areriew

Cators

Inliogs

Troylers

Join Now

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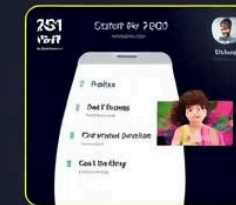
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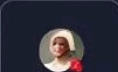


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