EduLearn Course Management SPA

Project Overview
This Angular project is a Course Management Single Page Application (SPA) for EduLearn.

It allows a content manager to view a list of courses, select one to see details, and update course information dynamically without refreshing the page.

Features Implemented
1. **CourseListComponent**: Displays a list of available courses with a "View Details" button for each course.

2. **CourseDetailComponent**: Shows and allows editing of the selected course details.

3. **Property Binding**: Passes the selected course data from CourseListComponent to CourseDetailComponent.

4. **Event Binding**: Captures button clicks in CourseListComponent to change the selected course.

5. **Two-Way Binding**: Allows editing of the course title in CourseDetailComponent, with changes reflected immediately in the list.

Technologies Used
- Angular CLI
- TypeScript
- HTML
- CSS

Installation Steps
1. Clone or extract the project folder.
2. Open a terminal in the project directory.
3. Install dependencies:
   ```bash
   npm install
   ```

README - EduLearn Course Management SPA

4. Run the Angular development server:

```bash
ng serve
```

5. Open your browser and navigate to `http://localhost:4200`.

Binding Implementation Explanation
- **Property Binding**: Used in CourseListComponent to send the selected course object to CourseDetailComponent via an `@Input()` property.
- **Event Binding**: Used in CourseListComponent to listen for button clicks (`(click)`) and update the selected course.
- **Two-Way Binding**: Implemented in CourseDetailComponent using `[(ngModel)]` to bind the course title input field to the course object, ensuring real-time updates.

Folder Structure
```
src/
  app/
    course-list/
      course-list.component.ts
      course-list.component.html
    course-detail/
      course-detail.component.ts
      course-detail.component.html
    app.module.ts
    app.component.ts
```

Author
Souvik Pradhan