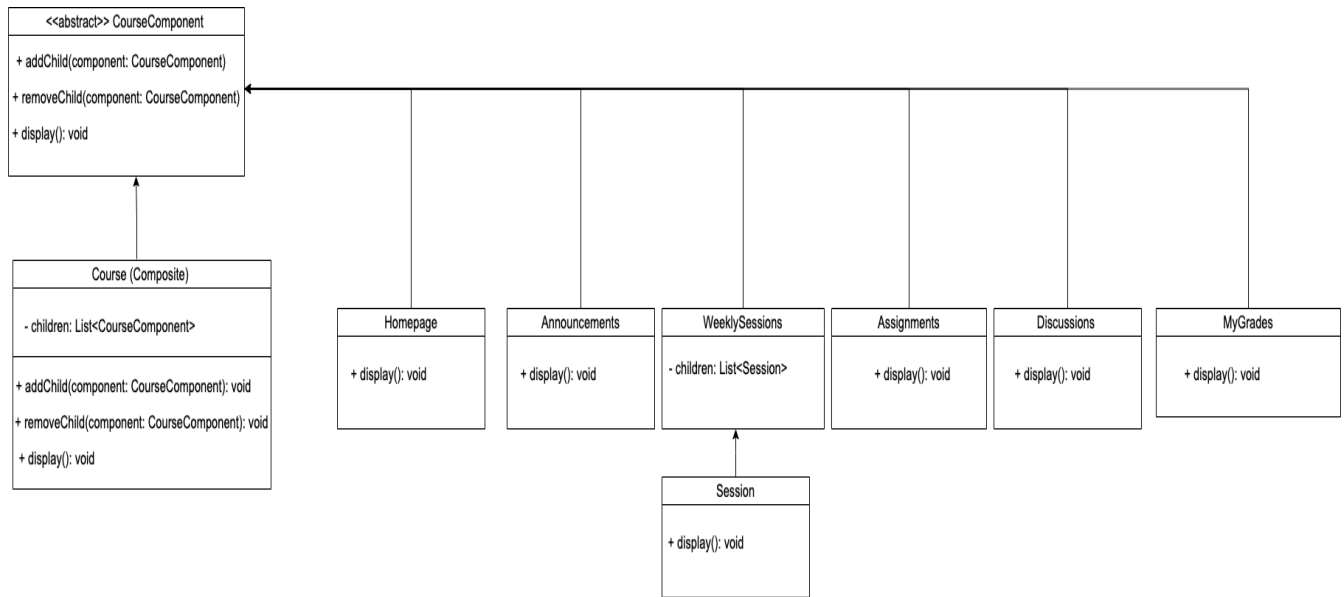# WISER using Composite Design Pattern

UML

Explanation

- **CourseComponent** is the abstract component that all elements inherit from. It provides the basic interface methods: **addChild, removeChild, and display**.
- **Course (Composite)** holds the entire structure and contains child components. This composite manages children uniformly using the common interface.
- Leaf Components:
    - **Homepage, Announcements, Assignments, Discussions, and MyGrades** represent the leaf nodes of the composite structure, implementing display.
    - **WeeklySessions** is a composite node itself containing Session components. **Sessions** are leaf components and represent individual lecture sessions.