**System Design for Curriculum Alignment and Educational Evaluation**

**1. Curriculum Alignment**

* **Purpose**: Ensures that the curriculum follows a structured framework to achieve the desired educational goals.
* **Steps**:
  + Align the curriculum with **Bloom's Taxonomy**, which defines levels of learning objectives.
  + Once aligned, it ensures the curriculum meets **Outcome-Based Education (OBE)** standards, focusing on measurable learning outcomes.

**2. Faculty Competency Assessment**

* **Purpose**: Evaluates the teaching staff to ensure they are skilled and competent.
* **Steps**:
  + Faculty **competencies** (skills and expertise) are mapped.
  + These competencies are assessed, and scores are calculated:
    - **Score < 70%**: The teacher enters an **improvement cycle** focusing on:
      * Technological proficiency.
      * Teaching effectiveness.
      * Subject matter expertise.
    - **Score ≥ 70%**: The teacher is marked as competent.

**3. Administrative Oversight**

* **Purpose**: Oversees the educational process to ensure learning outcomes are met and suggests improvements if needed.
* **Steps**:
  + Aggregate (combine) scores from faculty and student evaluations.
  + **Check outcomes**:
    - **Outcomes Met**: Continue monitoring and create feedback loops for continuous improvement.
    - **Outcomes Not Met**: Provide recommendations for improvement and implement them.

**4. Student Evaluation**

* **Purpose**: Measures student performance to ensure learning goals are achieved.
* **Steps**:
  + Conduct **hierarchical assessments** based on **Bloom’s levels** (e.g., understanding, applying, analyzing).
  + Evaluate if the learning outcomes are achieved:
    - **Not Achieved**: Students are reassessed.
    - **Achieved**: Bloom’s levels contribute to cumulative scores for evaluating learning outcomes.

**Overall Workflow:**

The system ensures:

* The curriculum aligns with educational standards.
* Faculty competencies are regularly evaluated and improved.
* Students are assessed to meet defined learning goals.
* Continuous monitoring and improvement loops ensure long-term success.

This process integrates **evaluation** (measuring performance) with actionable insights to enhance both teaching quality and student learning.