**Problem Description:**

You are tasked with developing a **Student Management System** that allows the user to:

1. **Add** student records dynamically.
2. **Modify** student details.
3. **Delete** a student record.
4. **Search** for a student by **ID or Name**.

Each **student record** should have the following fields:

* **ID (int)**
* **Name (char array)**
* **Age (int)**
* **Department (nested struct)**
  + **Dept Name (char array)**
  + **Dept Code (int)**
* **GPA (float)**

**Constraints & Requirements:**

1. **Use dynamic memory allocation** to store student records.
2. Implement **function pointers** for operations like add, delete, and modify.

**Expected Outcome:**

* A **menu-driven system** that performs all the mentioned operations efficiently.
* Well-structured code with **modular design, and memory management**.