**Problem Statement: Banking CRUD Application with Spring Boot**

Create a  **Banking CRUD (Create, Read, Update, Delete)** application using **Spring Boot**. The application should allow users to manage **bank accounts** for students in a simple list-based system.

Each student in the banking system will have the following attributes:

* **Account Number** (String): Unique identifier for each account.
* **Full Name** (String): Name of the student.
* **Account Balance** (Double): Current balance in the student's account.
* **Account Type** (String): Type of the account (e.g., Savings, Checking, etc.)

**Requirements**

1. **Create**: The system should allow the creation of a new bank account for a student. A new account will be created by providing the account number, full name, account balance, and account type.
2. **Read**: The system should allow the retrieval of:
   * A list of all students with their account details.
   * The details of a specific student's account by their account number.
3. **Update**: The system should allow updates to the student’s account:
   * Update the student’s full name, account balance, or account type.
   * Account balance can also be modified (e.g., deposits or withdrawals).
4. **Delete**: The system should allow deleting a student’s account by account number.
5. **Account Balance Validation**: The system should handle the following:
   * If the user tries to withdraw more than the available balance, the system should throw an error.
   * If the student account balance falls below 0 after a transaction, it should not be allowed.
6. **Endpoint Design**: The following endpoints should be implemented:
   * **POST /accounts**: Create a new student bank account.
   * **GET /accounts**: Get a list of all student bank accounts.
   * **GET /accounts/{accountNumber}**: Get the details of a specific student’s account by account number.
   * **PUT /accounts/{accountNumber}**: Update an existing student account.
   * **DELETE /accounts/{accountNumber}**: Delete a student’s account by account number.
   * **PATCH /accounts/{accountNumber}/deposit**: Deposit an amount into the student’s account.
   * **PATCH /accounts/{accountNumber}/withdraw**: Withdraw an amount from the student’s account.
7. **Sample Data (for testing purposes)**:
   * Account Number: "1001", Name: "John Doe", Balance: 5000, Account Type: "Savings"
   * Account Number: "1002", Name: "Jane Smith", Balance: 3000, Account Type: "Checking"
   * Account Number: "1003", Name: "Emily Davis", Balance: 1500, Account Type: "Savings"