1. Vendor Management

- CRUD for Vendors (name, contact person, email, phone, status = Active/Inactive).
- Each vendor should have multiple **contracts/services** with fields:
    - Service name
    - Start date
    - Expiry date
    - Payment due date
    - Amount

2. APIs

- List all vendors with their active services.
- Get all services expiring in the next 15 days.
- Get all services with payment due in the next 15 days.
- Update contract/service status (Active, Expired, Payment Pending, Completed).

3. Auto Reminder Logic

- Implement an API/utility that:
    - Checks services/contracts daily.
    - Flags with color codes those nearing expiry or payment due and setup an email notification for the same (within 15 days).

Note:

- Implement JWT authentication (only logged-in users can manage vendors/contracts).
- Add pagination to vendor/service listing.

Deliverables

1. Source code (GitHub/GitLab repo).
2. README with:
    - Setup instructions.
    - API documentation (endpoints + sample requests/responses).
    - Design choices (DB schema, libraries, assumptions).