**Suggestions & Improvements**

**1. Timestamps and Auditing**

* Add CreatedAt, UpdatedAt to more tables (e.g., SalesOrderItems, Invoices, Employees).
* Consider an AuditLog table for system-wide changes (UserId, Table, Action, Timestamp).

**2. Enum Storage**

* For fields like DeliveryStatus, consider whether you’ll store them as strings, ints, or separate lookup tables. A LookupValues table might help if you want easy extensibility.

**3. Soft Deletes**

* Add IsDeleted or DeletedAt for entities where historical data matters (e.g., Users, Products, Employees).

**4. Indexing & Performance**

* Add indexes to foreign keys (UserId, ProductId, etc.) and common query fields (Email, SKU, OrderNumber) for performance.

**5. Product Pricing History**

* Consider a ProductPrices table to track price changes over time:

*ProductPrices (*

*Id (PK)*

*ProductId (FK)*

*Price*

*EffectiveFrom*

*EffectiveTo (nullable)*

*)*

**6. Multi-Tenancy (if applicable)**

* If you’re targeting SaaS or multiple companies, add CompanyId to key tables and isolate data.

**7. Bulk Import & Integration Hooks**

* Tables for ImportLogs, ExternalIntegrations, or webhook endpoints could add flexibility for real-world usage.

**8. More Granular Payroll**

* Maybe split salary components like Allowances, Taxes, Overtime into another table for better breakdown.

**Optional Enhancements**

| **Area** | **Suggestion** |
| --- | --- |
| **Attachments** | Add Attachments table for documents, invoices, receipts. |
| **Activity Log** | Add table to track login, actions, failed attempts, etc. |
| **Workflow Engine** | Add ApprovalRequests and ApprovalSteps for things like leave, PO, etc. |
| **API Access** | Consider a Tokens or ApiClients table if building public API. |