| Module | Feature | Functionality Description | Implemented (✓/✗) | Working (✓/✗/⚠) | Remarks | Actions |
| --- | --- | --- | --- | --- | --- | --- |
| Inventory | Dashboard | Overview of key metrics: stock levels, orders, and sales | ✓ | ✓ |  |  |
|  | Product/Service | CRUD for products/services, assign to type, UOM, etc. | ✓ | ⚠ | Add -> Update  System.InvalidOperationException: 'The instance of entity type 'Product' cannot be tracked because another instance with the same key value for {'ProductId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Stock Monitoring | Real-time view of current stock quantity by product | ✓ | ✓ |  |  |
|  | Stock-in Log | Logs for incoming stock and history tracking | ✓ | ⚠ | List  ProductStockInLogId Column Visible  Add  SqlException: Cannot insert the value NULL into column 'ProductStockInLogId', table 'db\_sercs.dbo.StockInLogs'; column does not allow nulls. INSERT fails. | Fixed  Change Server SQL |
|  | Product Type | Classification of products/services | ✓ | ⚠ | Add -> Update -> Add  System.InvalidOperationException: 'The instance of entity type 'ProductType' cannot be tracked because another instance with the same key value for {'ProductTypeId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | UOM | Define units of measurement (e.g., pcs, kg, liter) | ✓ | ⚠ | Add -> Update  System.InvalidOperationException: 'The instance of entity type 'UnitOfMeasure' cannot be tracked because another instance with the same key value for {'UnitOfMeasureId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Sales Order | Entry and tracking of customer sales orders | ✓ |  |  |  |
|  | Sales Type | Define types of sales (retail, wholesale, etc.) | ✓ | ⚠ | Add -> Update  System.InvalidOperationException: 'The instance of entity type 'SalesType' cannot be tracked because another instance with the same key value for {'SalesTypeId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Shipment Type | Define and manage modes of shipment | ✓ | ⚠ | Add -> Update  System.InvalidOperationException: 'The instance of entity type 'ShipmentType' cannot be tracked because another instance with the same key value for {'ShipmentTypeId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Payment Type | Define payment methods (cash, card, credit) | ✓ | ⚠ | System.InvalidOperationException: 'The instance of entity type 'PaymentType' cannot be tracked because another instance with the same key value for {'PaymentTypeId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Purchase Order | Entry and tracking of orders to vendors | ✓ |  |  |  |
|  | Purchase Type | Define types of purchases (local, import, etc.) | ✓ | ⚠ | System.InvalidOperationException: 'The instance of entity type 'PurchaseType' cannot be tracked because another instance with the same key value for {'PurchaseTypeId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Invoice Type | Classification of invoice formats/types | ✓ | ⚠ | System.InvalidOperationException: 'The instance of entity type 'InvoiceType' cannot be tracked because another instance with the same key value for {'InvoiceTypeId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Bill Type | Define different types of bills (utilities, supplies) | ✓ | ⚠ | System.InvalidOperationException: 'The instance of entity type 'BillType' cannot be tracked because another instance with the same key value for {'BillTypeId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Projects | Assign inventory movement to projects | ✓ | ⚠ | Update  System.InvalidOperationException: 'The instance of entity type 'Project' cannot be tracked because another instance with the same key value for {'ProjectId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.'  Button Details unclickable  Delete  SqlException: The DELETE statement conflicted with the REFERENCE constraint "FK\_ProjectLines\_Project". The conflict occurred in database "db\_sercs", table "dbo.ProjectLines", column 'ProjectId'.  ProjectLine  AutoMapper.AutoMapperMappingException: 'Error mapping types.' | Update Fixed  Button Details unclickable Fixed  Delete Fixed  ProjectLine Mapping Fixed |
|  | Warehouse | Manage multiple stock locations | ✓ | ⚠ | System.InvalidOperationException: 'The instance of entity type 'Warehouse' cannot be tracked because another instance with the same key value for {'WarehouseId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Customer | Manage customer master list | ✓ | ⚠ | System.InvalidOperationException: 'The instance of entity type 'Customer' cannot be tracked because another instance with the same key value for {'CustomerId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Customer Type | Classification (retail, wholesale, corporate) | ✓ | ⚠ | AutoMapper.AutoMapperMappingException: 'Error mapping types.' | Fixed |
|  | Branch | Manage business branches and relate transactions | ✓ | ⚠ | System.InvalidOperationException: 'The instance of entity type 'Branch' cannot be tracked because another instance with the same key value for {'BranchId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Vendor | Manage vendor master list | ✓ | ⚠ | Vendor Type is not showing  System.InvalidOperationException: 'The instance of entity type 'Vendor' cannot be tracked because another instance with the same key value for {'VendorId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Vendor Type | Classification (local, international) | ✓ | ⚠ | System.InvalidOperationException: 'The instance of entity type 'VendorType' cannot be tracked because another instance with the same key value for {'VendorTypeId'} is already being tracked. When attaching existing entities, ensure that only one entity instance with a given key value is attached. Consider using 'DbContextOptionsBuilder.EnableSensitiveDataLogging' to see the conflicting key values.' | Fixed |
|  | Cash Bank | Record and track bank and cash transactions | ✓ | ⚠ | AutoMapper.AutoMapperMappingException: 'Error mapping types.' | Fixed |
|  | Sales Report | Generate reports by date, product, customer, etc. | ✓ | ✓ |  |  |
|  | Purchase Report | Generate reports by vendor, item, date | ✓ | ✓ |  |  |
|  | Target Goals | Set and track sales or procurement goals | ✓ | ✓ |  |  |
| Payroll | Attendance | Record time-in/out, daily presence | ✓ | ⚠ | Details -> From-To Date is not set from the parent Form  List -> Employee Column must be the only fill format  Upsert  Employee Combobox must be set according to the entity if individual  Employee Combobox Data should be Alphabetical  Timeout format should be (hh:mm ss) | Fixed |
|  | Allowance | Setup and assign employee allowances | ✓ | ✓ |  |  |
|  | Benefit | Setup and track employee benefits | ✓ | ⚠ | Other display not working |  |
|  | Bonus | Add bonuses per employee or payroll cycle | ✓ | ✓ |  |  |
|  | Contribution | Track government or private contributions (SSS, PhilHealth, etc.) | ✓ | ⚠ |  | Fixed Update Server SQL |
|  | Deduction | Setup and apply deductions (e.g., tardiness, absences) | ✓ | ✓ |  |  |
|  | Leave | Leave requests and balances | ✓ | ✓ |  |  |
|  | Employee | Manage employee master records | ✓ | ✓ |  |  |
|  | Department | Assign employees to departments | ✓ | ✓ |  |  |
|  | Job Position | Define roles or job titles | ✓ | ✓ |  |  |
|  | Tax | Setup tax tables and apply to payroll | ✓ | ✓ |  |  |
|  | Shift | Setup shift schedules for attendance and payroll | ✓ | ✓ |  |  |
|  | Holiday | Manage holidays that affect attendance/payroll | ✓ | ✓ |  |  |
|  | Generate Payroll | Process payroll based on all parameters | ✓ | ✓ |  |  |
| Accounts | Profile | View user profile details | ✓ | ✓ |  |  |
|  | Edit Profile | Allow users to update their account information | ✓ | ✓ |  |  |
|  | Change Password | Functionality to change user password securely | ✓ | ✓ |  |  |
|  | Register Account | Create/register new user account | ✓ | ✓ |  |  |