Service

repo: EmployeeRepo

+GetAll(): List<EmployeeDTO> +GetAsync(id : string) : EmployeeDTO

+CreateAsync(emp : EmployeeDTO) : Employee

+UpdateAsync(emp : EmployeeDTO) : Employee

+DeleteAsync(id : string) : Employee

+SearchAsync(params : EmployeeSearchDTO) : List<EmployeeSearchResultDTO>

IEmployeeService

+GetEmployeeSupervisor(id : string) : EmployeeDTO +GetEmployeeDetails(id : string) : EmployeeDTO

+GetSupervisedEmployees(supervisorId: string): List<EmployeeDTO>

IPurchaseOrderService

epo: PurchaseOrderRepo

Version

+GetAll(): List<POSummaryDto>

+GetAsync(purchaseOrderId : string) : PODetailsDto +CreateAsync(dto: POCreateDto): PurchaseOrder

+SearchAsync(criteria: POSearchDto): List<POSummaryDto>

+SearchAsync(employeeId: string, criteria: POSearchDto): List<POSummaryDto>

+DeleteAsync(purchaseOrderId : string) : PurchaseOrder +UpdateItemAsync(PurchaseOrderNumber : string, dto : ItemUpdateDto)

ILoginService

Login(params : LoginDTO) : Login

repo: LoginRepo

IDepartmentService

CreateAsync(dept : DepartmentDTO) : Department

UpdateAsync(dept : DepartmentDTO) : Departmen

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repo : DepartmentRepo

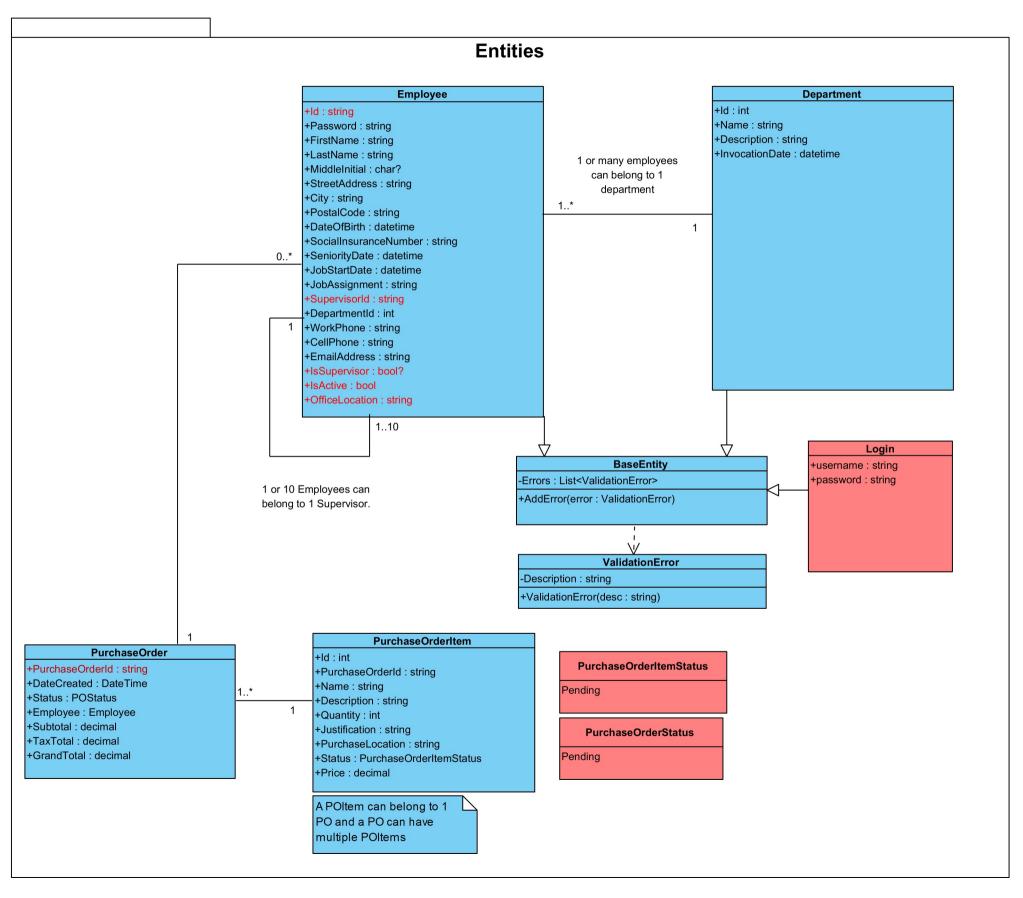
GetAll(): List<DepartmentDTO>

+DeleteAsync(id : int) : Department

GetAsync(id : int) : DepartmentDTO

Sprint 1 HR & PO UML Designed by Mohammad Rashed, JG Sprint Sprint 1 NBCC - Capstone Project

Model



DTOs

EmployeeSearchDTO

DepartmentId : int +Employeeld : string +LastName : string

+Position : string

EmployeeDTO

+ld: string +Password : string

+FirstName : string +LastName : string

MiddleInitial : char? StreetAddress : string

+City: string

+PostalCode : string +DateOfBirth : datetime

+SocialInsuranceNumber : string +SeniorityDate : datetime

+JobStartDate : datetime +JobAssignment : string +SupervisorId : string

DepartmentId : int +WorkPhone : string

+CellPhone : string +EmailAddress : string

+IsSupervisor : bool? +IsActive : bool +OfficeLocation: string

ItemDetailsDto

+Name : string +Quantity : int +Description : string +Price : decimal +Justification : string +PurchaseLocation : string

+Status : PurchaseOrderItemStatus +ItemSubtotal : decimal +ItemTaxTotal : decimal

+ItemGrandTotal : decimal

EmployeeSearchResultDTO +FirstName : string

LastName : string +WorkPhone : string +OfficeLocation : string

DepartmentDTO

+ld : int +Name : string +Description : string InvocationDate : datetime

LoginDTO

username : string password : string

POCreateDto

Employeeld : string Items: List<ItemCreateDto>

PODetailsDto

PurchaseOrderId: string DateCreated : DateTime EmployeeFullName: string +DepartmentName : string SupersivorFullName: string Status : PurchaseOrderStatus +Items : List<ItemDetailsDto> +Subtotal : decimal +TaxTotal : decimal +GrandTotal : decimal

ItemUpdateDto

+Name : string +Quantity: int -Justification : string +PurchaseLocation : string Description : string

DepartmentListDTO

Department : Department Name : string

POSummaryDto

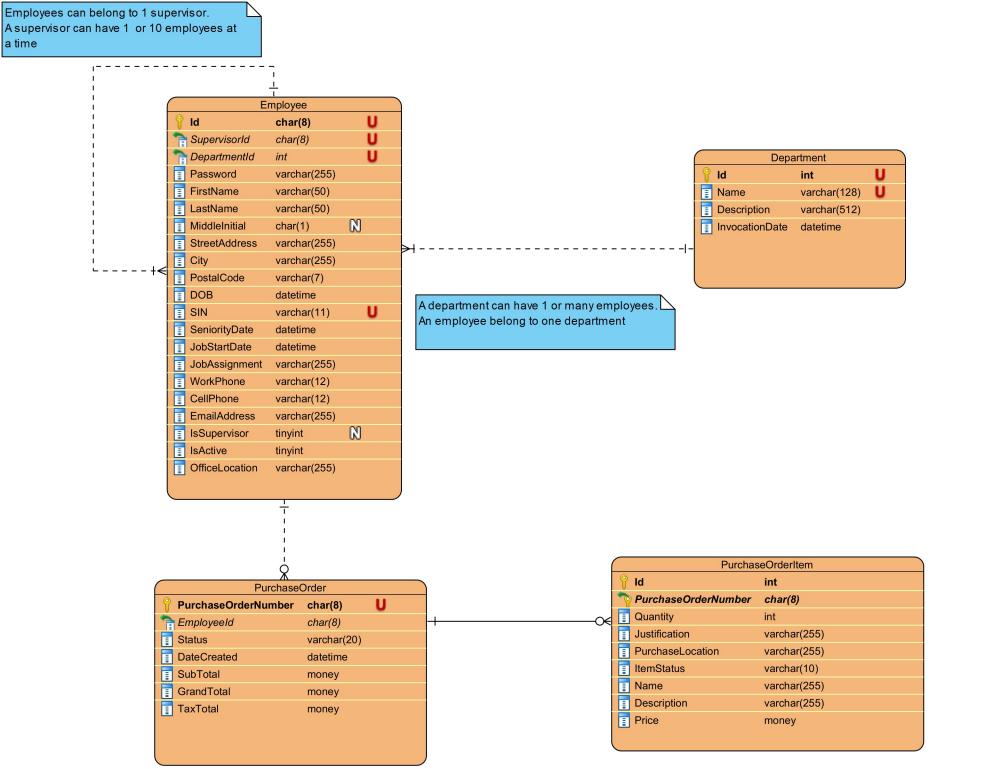
+PurchaseOrderId : string +DateCreated : DateTime +Employee : string +Status : PurchaseOrderStatus +Subtotal : decimal +TaxTotal : decimal +GrandTotal : decimal

POSearchDto

+StartDate : DateTime? -EndDate : DateTime? +PurchaseOrderId : string? +DepartmentsId : List<int>

ItemCreateDto

+Name : string +Description : string +Price : decimal +Quantity: int +Justification : string +PurchaseLocation : string +Status : ItemStatus



Name	Sprint 1 HR & PO ERD
Designed by	Mohammad Rashed, JG
Sprint	Sprint 1
Project	NBCC - Capstone Project
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