Service

IEmployeeService -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>

GetEmployeeSupervisor(id : string) : EmployeeDTO GetEmployeeDetails(id : string) : EmployeeDTO +GetSupervisedEmployees(supervisorId: string): List<EmployeeDTO>

ILoginService

Login(params : LoginDTO) : Login

epo: LoginRepo

IDepartmentService

CreateAsync(dept : DepartmentDTO) : Department

-UpdateAsync(dept : DepartmentDTO) : Department

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epo : DepartmentRepo

-GetAll(): List<DepartmentDTO>

+DeleteAsync(id : int) : Department

GetAsync(id : int) : DepartmentDTO

+GetAll(): List<POSummaryDto> GetAsync(purchaseOrderId : string) : PODetailsDto

+CreateAsync(dto: POCreateDto): PurchaseOrder

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

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

IPurchaseOrderService

+DeleteAsync(purchaseOrderId: string): PurchaseOrder

IPurchaseOrdemItemService

repo: PurchaseOrderItemRepo

repo: PurchaseOrderRepo

+GetByPOAsync(pold : string) : List<ItemDetailsDto>

Get(itemId: int): ItemDetailsDto

Version

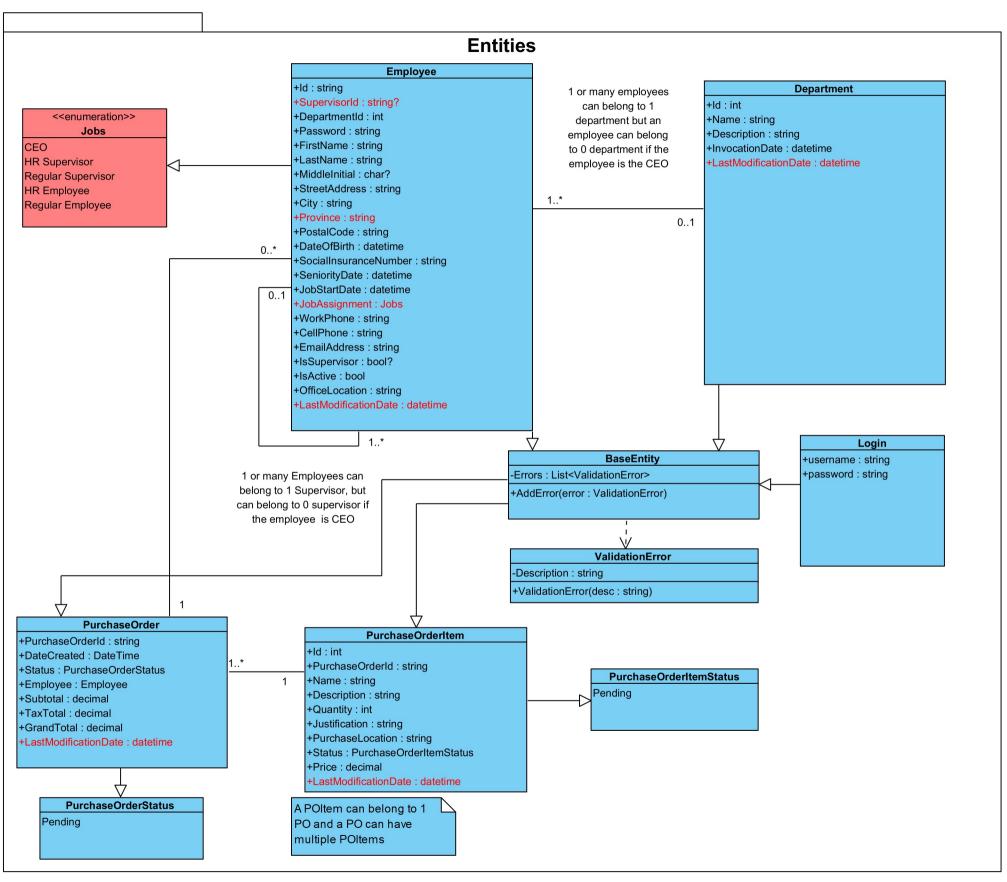
CreateAsync(purchaseOrderId : string, dto : ItemCreateDto) : PurchaseOrderItem

PeleteAsync(PurchaseOrderItemId: int): PurchaseOrderItem

IpdateAsync(PurchaseOrderNumber: string, dto: ItemUpdateDto): PurchaseOrderItem

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

+OfficeLocation : string +Position : string

EmployeeDTO

+ld : string +Password : string +FirstName : string +LastName : string +MiddleInitial: char? +StreetAddress : string +City: string +Province : string +PostalCode : string +DateOfBirth : datetime

+SocialInsuranceNumber : string +SeniorityDate : datetime +JobStartDate : datetime +JobAssignment: Jobs

+SupervisorId: string? +DepartmentId : int

-WorkPhone : string +CellPhone : string +EmailAddress : string +IsSupervisor : bool?

+IsActive : bool +OfficeLocation: string

+LastModificationDate : datetime

ItemDetailsDto

+ld : int +Name : string +Quantity : int +Description : string +Price : decimal +Justification: string +PurchaseLocation : string +Status : PurchaseOrderItemStatus ItemSubtotal : decimal +ItemTaxTotal : decimal

+ItemGrandTotal : decimal

LastModificationDate : datetime

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

EmployeeSearchResultDTO

FirstName : string +LastName : string +WorkPhone : string

DepartmentDTO

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

LoginDTO

sername: 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 +LastModificationDate : datetime

ItemUpdateDto

+Description : string

DepartmentListDTO

Department : Department Name : string

POSummaryDto

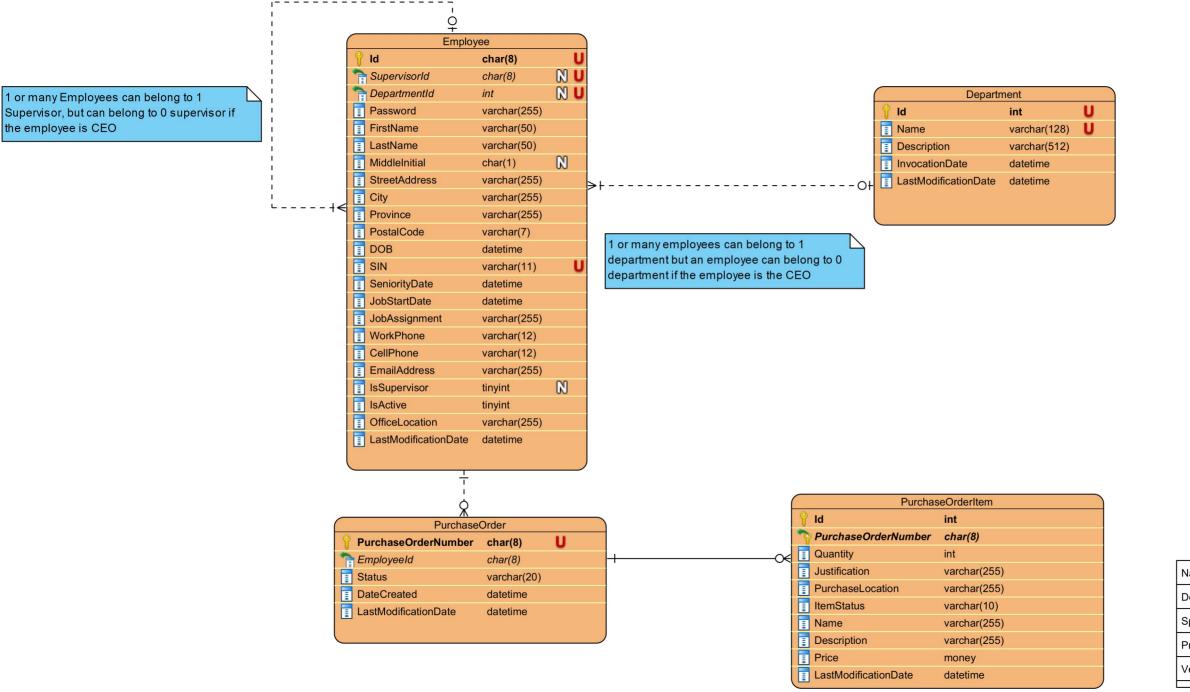
+PurchaseOrderId : string -DateCreated : DateTime +Employee : string -Status : PurchaseOrderStatus -Subtotal : decimal +TaxTotal : decimal +GrandTotal : decimal

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



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esigned by	Mohammad Rashed, JG
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