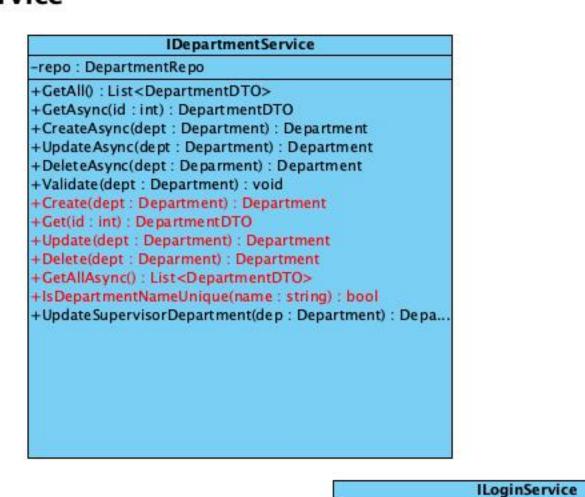


Name	Sprint 2 HR & PO ERD
Designed by	Mohammad Rashed, JG
Sprint	Sprint 2
Project	NBCC - Capstone Project
Version	2.0

Powered By Visual Paradigm Community Edition





employeeService: IEmployeeService

.ogin(params : LoginDTO) : LoginOutputDto

-GetEmployeeSalt(Employeeld: string): byte[]

LoginAsync(params : LoginDTO) : LoginOutputDto

epo: JobRepo

+Get(id:int):Job

**IEmployeeStatusService** 

Create(status: EmploymentStatus): EmploymentStatus

-Update(status : EmploymentStatus) : EmploymentStatus

-repo: EmployeeStatusRepo

+Get(id: int): EmploymentStatus

+GetAsync(id:int): EmploymentStatusDTO

+GetAllAsync(): List<EmploymentStatusDTO>

Validate(status : EmploymentStatus) : void

+GetAll(): List<EmploymentStatusDTO>

IJobService

GetAsync(id : int) : Job

Validate(job : Job) : void

+GetAllAsync(): List<Job>

-GetAll() : List<Job>

## IPurchaseOrderService repo: PurchaseOrderRepo itemRepo: IPurchaseOrderItemRepo +GetAll(): List<POSummaryDto> +GetByldAsync(id : string) : PurchaseOrder +CreateAsync(dto: POCreateDto): PurchaseOrder +SearchAsync(criteria: POSearchDto): List<POSummaryDto> -SearchAsync(employeeld : string, criteria : POSearchDto) : List<POSummaryDto> +DeleteAsync(purchaseOrderId : string) : PurchaseOrder +ValidateModel(po: PurchaseOrder, purchaseOrdeltemr: PurchaseOrderItem): void +CalculateSubTotal(po: PurchaseOrder): decimal +CalculateTaxTotal(subTotal : decimal) : decimal +CalculateGrandTotal(subTotal: decimal, tax: decimal): decimal SearchSummariesAsync(criteria: POSearchDto, bool includeDepartment, employeeId: string?): List < POSummaryDTO > +GetPOSummariesByDepartmentAsync(departmentId: int): List<POSByDepartmentSummaryDto> +ClosePurchaseOrder(purchaseOrderId: string): PurchaseOrder

	IPurchaseOrderItemService
-	-repo : PurchaseOrderItemRepo
	+GetByPOAsync(pold : string) : List <purchaseorderitem></purchaseorderitem>
-	+Get(itemId : int) : ItemDetailsDto
ŀ	+CreateAsync(purchaseOrderId: string, dto: ItemCreateDto): PurchaseOrderItem
	+DeleteAsync(PurchaseOrderItemId : int) : PurchaseOrderItem
	+UpdateAsync(PurchaseOrderNumber: string, dto: ItemUpdateDto): PurchaseOrderItem
	+Validate(poltem : PurchaseOrderItem) : void
	+CalculateSubTotal(poltem : PurchaseOrderItem) : decimal
	+CalculateTaxTotal(subTotal : decimal) : decimal
	+CalculateGrandTotal(subTotal : decimal, tax : decimal) : decimal
	+GetitemsByEmployeeldAsync(string : employeeld) : PurchaseOrderItem
	+AdditemToPurchaseOrderAsync(purchaseOrderId : string, itemDto : ItemCreateDto) : PurchaseOrderIter
	+Denyltem(itemId : int, rejectionReason : string) : PurchaseOrderItem
	+SetNoLongerNeeded(itemId : int, dto : itemCreateDto) : PurchaseOrderItem

Sprint 2 HR & PO UML Designed by Mohammad Rashed, JG Sprint Sprint 2 NBCC - Capstone Project Project Version

