CapstoneUML sprint2

Change List:

- In employee service: added SearchEmployeeDirectory, GetEmployeeByEmployeeNumber, UpdatePersonalInfo, and UpdateEmployee
- In department service: added UpdateDepartment, GetDepartmentForEmployee
- In PO service: added GetPurchaseOrdersForDepartment, SearchPurchaseOrdersForSupervisor,
- For employee, changed IsActive to Status which will relate to an id in EmployeeStatus
- Added EmailDTO, POSupervisorFilters, EmployeeInfoDTO

Service

EmployeeService

+EmployeeRepo: EmployeeRepository

+GetEmployeeByld(id : int) : Employee

+GetEmployeeList(): List<Employee>

+AddEmployee(employee : Employee) : Employee

+SearchEmployeeDirectory(employeeNumber : int, lastName : string) : List<EmployeeDetailDTO>

+GetEmployeeByEmployeeNumber(employeeNumber : int) : EmployeeDetailDTO

+UpdatePersonalInfo(info: EmployeeInfoDTO): EmployeeInfoDTO

+UpdateEmployee(e : Employee) : Employee

+ValidateEmployee(employee : Employee) : bool

PurchaseOrderService

-PurchaseOrderRepo: PurchaseOrderRepository

+AddPurchaseOrder(purchaseOrder : PurchaseOrder) : PurchaseOrder

+GetPurchaseOrdersForEmployee(employeeNumber : int) : List<PurchaseOrder>

+GetPuchaseOrdersForDepartment(departmentId : int) : List<POSearchResultsApiDTO>

+UpdatePurchaseOrder(id : int, purchaseOrder : PurchaseOrder)

+SearchPurchaseOrders(filters: POSearchFiltersDTO): List<PODisplayDTO>

+ValidatePurchaseOrder(po : PurchaseOrder) : bool

+GetPurchaseOrdersForDepartment(departmentId) : List<PurchaseOrder>

+SearchPurchaseOrdersForSupervisor(filters: POSupervisorFiltersDTO): List<PurchaseOrder>

+ClosePO(PONumber : int) : PurchaseOrder

ItemService

-ItemRepo: ItemRepository

+AddItem(item : Item) : Item +UpdateItem(item : Item) : Item

+ValidateItem(item : Item) : bool

DepartmentService

-DepartmentRepo : DepartmentRepository

+GetActiveDepartments() : List<DepartmentDisplayDTO> +AddDepartment(department Department) : Department

+UpdateDepartment(d : Department) : Department

+GetDepartmentForEmployee(employeeNumber : int) : Department

+ValidateDepartment(department : Department) : bool

AuthService

-AuthRepo: AuthRepository

+Login(employeeNumber : string, password : string) : UserDTO

TokenService

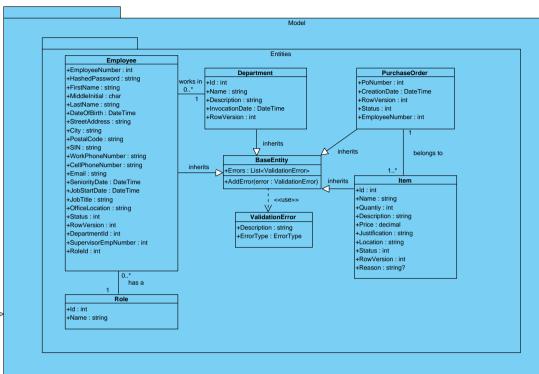
-configuration : IConfiugration

+CreateToken(user : UserDTO) : string

EmailService

+Send(info : EmailDTO) : void

depends on



EmployeeDetailDTO +EmployeeNumber : int

+LastName : string

+FirstName : string +WorkPhone : string +CellPhone : string

+Email: string

POSearchResultsApiDTO

+PoNumber : int +CreationDate : DateTime +SupervisorName : string +Status : string

For search PO API user story

ItemSearchDTO

+ItemName : string +Description : string +Price : decimal +.lustification : string

PODisplayDTO

+Location : string +HomeMailingAddress: string

+PoNumber : int

+CreationDate : DateTime +Status : string +Subtotal : decimal +Tax : decimal +GrandTotal : decimal

> For search PO -Employee user story

+StartDate : DateTime +EndDate : DateTime +PONumber : int? +EmployeeNumber : int

DepartmentDisplayDTO

+DepartmentId: int +DepartmentName: string

DTO

POSearchFiltersDTO

EmailDTO +To · string +From : string +Subject : string +Body: string

UserDTO

+EmployeeNumber : int +RoleName : string +FullName : string +Email: string

LoginOutputDTO +EmployeeNumber : int

+Email: string +Token : string +ExpiresIn : int

EmployeeInfoDTO

+EmployeeNumber : int +Password : string +FirstName : string +LastName : string +MiddleInitial : char

+StreetAddress : string +City : string +PostalCode : string

POSupervisorFiltersDTO

+StartDate : DateTime +EndDate : DateTime +PONumber : int +Status : int

+EmployeeName : string

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