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

+DeleteDepartment(departmentId : int) : bool

AuthService

-AuthRepo: AuthRepository

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

TokenService

-configuration : IConfiggration

+CreateToken(user : UserDTO) : string

EmailService

+Send(info : EmailDTO) : void

ReviewService

-ReviewRepo: ReviewRepositoty +AddReview(review : Review) : Review

+GetPendingEmployees() : List<Employee>

+SendReminders(employees : List<Employee>)

+ListEmployeeReviews(employeeNumber : int) : List<Review>

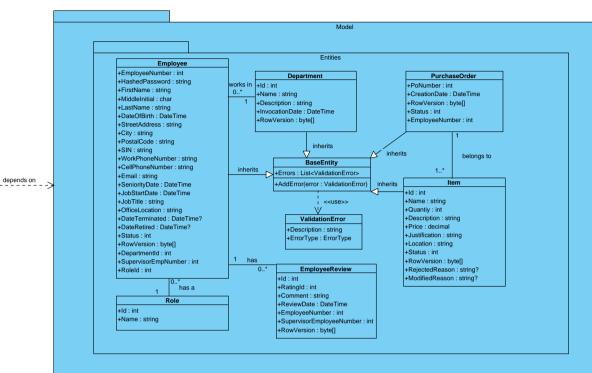
+GetPendingEmployeesForSupervisor(supervisor : int) : List<Employee>

Change List:

-changed review model name to employeereview

- changed employeereview properties to be more clear

- added modifiedreason to item



EmployeeDetailDTO +EmployeeNumber : int

+I astName · string +FirstName : string +WorkPhone : string +CellPhone : string +HomeMailingAddress : string

POSearchResultsApiDTO

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

For search PO API user story

+Email : string

ItemSearchDTO

+ItemName : string +Description : string +Price : decimal +Justification : string +Location : string

PODisplayDTO

+PoNumber : int

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

> For search PO -Employee user story

POSearchFiltersDTO

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

DepartmentDisplayDTO

+DepartmentId : int +DepartmentName : string

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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