CapstoneUML sprint2 Change List: - Changed rejectedReason field name - Added optional fields for dateRetired and dateTerminated 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

Mode Entities Employee +EmployeeNumber : int PurchaseOrder Department +HashedPassword : string +PoNumber : int +ld : int +FirstName : string +Name · string +CreationDate : DateTime +MiddleInitial : char +Description : string +RowVersion : byte[] +LastName : string +InvocationDate : DateTime +Status · int +DateOfBirth : DateTime RowVersion : row[] +EmployeeNumber : int +StreetAddress : string +City : string +PostalCode : string inherits +SIN : string inherits belongs to +WorkPhoneNumber : string BaseEntity +CellPhoneNumber : string 1..* +Errors : List<ValidationError> +Email · string +SeniorityDate : DateTime +AddError(error : ValidationError) +JobStartDate : DateTime Lld · int +JobTitle : string +Name : string <<use>>> +OfficeLocation : string +Quantiv : int +DateTerminated : DateTime? ValidationError +Description : string +DateRetired : DateTime? +Price · decimal +Description : string +Justification : string +Status : int +ErrorType : ErrorType +Location : string +RowVersion : bvtef1 +DepartmentId : int +Status · int +SupervisorEmpNumber : int +RowVersion : bytefl +RejectedReason : string? +Roleld : int has a +ld : int +Name : string DTO EmployeeDetailDTO POSearchFiltersDTO ItemSearchDTO UserDTO EmployeeInfoDTO +EmployeeNumber : int +ItemName : string +StartDate : DateTime +EmployeeNumber : int +EmployeeNumber : int +LastName : string +Description : string +EndDate : DateTime +RoleName : string +Password : string +FirstName : string +Price : decimal +PONumber : int? +FullName : string +FirstName : string +WorkPhone : string +Justification : string +EmployeeNumber : int +Email · string +LastName : string +CellPhone : string +Location - string +MiddleInitial : char +HomeMailingAddress : string +StreetAddress : string +Email : string +City : string DepartmentDisplayDTO PODisplayDTO LoginOutputDTO +PostalCode : string +DepartmentId : int POSearchResultsApiDTO +EmployeeNumber : int +PoNumber : int +DepartmentName : string +PoNumber : int +CreationDate : DateTime +Email : string +CreationDate · DateTime +Status : string +Token : string POSupervisorFiltersDTO

+SupervisorName : string +Subtotal : decimal +Status : string +Tax : decimal +GrandTotal : decimal For search PO For search PO -API user story Employee user story

depends on

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

+ExpiresIn : int

+StartDate : DateTime +EndDate : DateTime +PONumber : in

+Status : int +EmployeeName : string

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