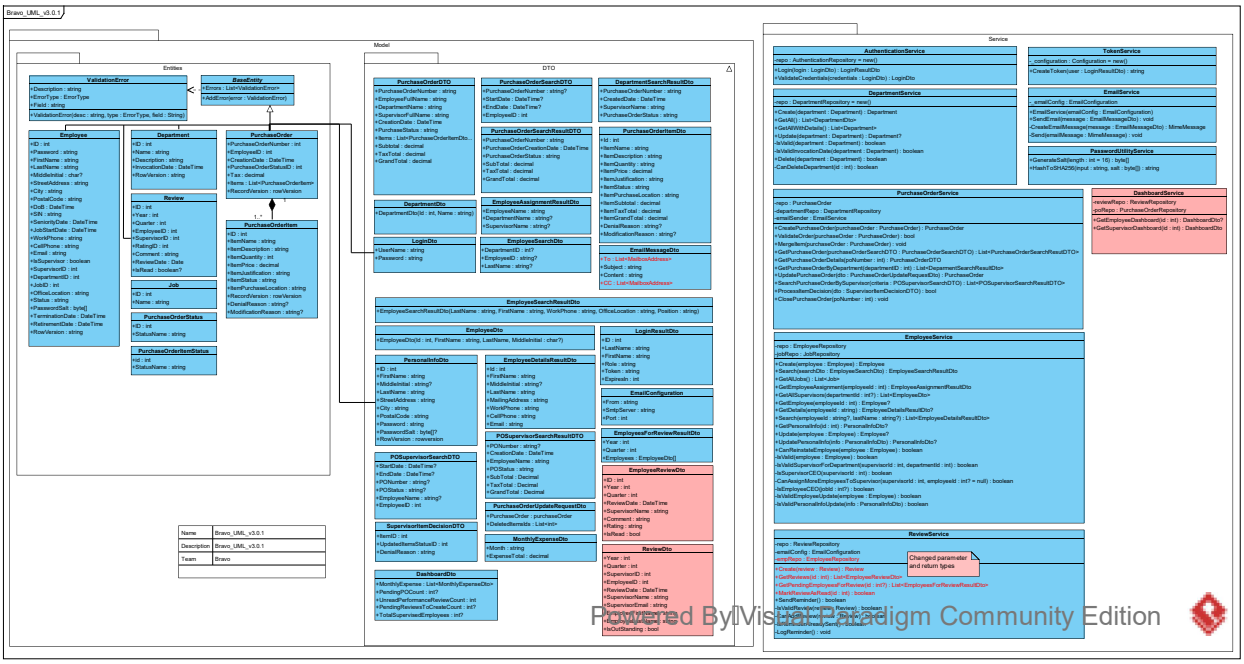
Bravo_UML_v3.0.1
Model
Entities
ValidationError
+Description : string
+ErrorType : ErrorType
+Field : string
+ValidationError(desc : string, type : ErrorType, field : String)
BaseEntity
+Errors : List<ValidationError>
+AddError(error : ValidationError)
Employee
+ID : int
+Password : string
+FirstName : string
+LastName : string
+MiddleInitial : char?
+StreetAddress : string
+City : string
+PostalCode : string
+DoB : DateTime
+SIN : string
+SeniorityDate : DateTime
+JobStartDate : DateTime
+WorkPhone : string
+CellPhone : string
+Email : string
+IsSupervisor : boolean
+SupervisorID : int
+DepartmentID : int
+JobID : int
+OfficeLocation : string
+Status : string
+PasswordSalt : byte[]
+TerminationDate : DateTime
+RetirementDate : DateTime
+RowVersion : string
Department
+ID : int
+Name : string
+Description : string
+InvocationDate : DateTime
+RowVersion : string
Review
+ID : int
+Year : int
+Quarter : int
+EmployeeID : int
+SupervisorID : int
+RatingID : int
+Comment : string
+ReviewDate : Date
+IsRead : boolean?
Job
+ID : int
+Name : string
PurchaseOrderStatus
+ID : int
+StatusName : string
PurchaseOrderItemStatus
+id : int
+StatusName : string
PurchaseOrder
+PurchaseOrderNumber : int
+EmployeeID : int
+CreationDate : DateTime
+PurchaseOrderStatusID : int
+Tax : decimal
+Items : List<PurchaseOrderItem>
+RecordVersion : rowversion
1 - *
PurchaseOrderItem
+ID : int
+ItemName : string
+ItemDescription : string
+ItemQuantity : int
+ItemPrice : decimal
+ItemJustification : string
+ItemStatus : string
+ItemPurchaseLocation : string
+RecordVersion : rowversion
+DenialReason : string?
+ModificationReason : string?
DTO
PurchaseOrderDTO
+PurchaseOrderNumber : string
+EmployeeFullName : string
+DepartmentName : string
+SupervisorFullName : string
+CreationDate : DateTime
+PurchaseStatus : string
+Items : List<PurchaseOrderItemDto>
+Subtotal : decimal
+TaxTotal : decimal
+GrandTotal : decimal
PurchaseOrderSearchDTO
+PurchaseOrderNumber : string?
+StartDate : DateTime?
+EndDate : DateTime?
+EmployeeID : int
DepartmentSearchResultDto
+PurchaseOrderNumber : string
+CreatedDate : DateTime
+SupervisorName : string
+PurchaseOrderStatus : string
PurchaseOrderSearchResultDTO
+PurchaseOrderNumber : string
+PurchaseOrderCreationDate : DateTime
+PurchaseOrderStatus : string
+SubTotal : decimal
+TaxTotal : decimal
+GrandTotal : decimal
PurchaseOrderItemDto
+Id : int
+ItemName : string
+ItemDescription : string
+ItemQuantity : string
+ItemPrice : decimal
+ItemJustification : string
+ItemStatus : string
+ItemPurchaseLocation : string
+ItemSubtotal : decimal
+ItemTaxTotal : decimal
+ItemGrandTotal : decimal
+DenialReason : string?
+ModificationReason : string?
DepartmentDto
+DepartmentDto(id : int, Name : string)
EmployeeAssignmentResultDto
+EmployeeName : string
+DepartmentName : string?
+SupervisorName : string?
LoginDto
+UserName : string
+Password : string
EmployeeSearchDto
+DepartmentID : int?
+EmployeeID : string?
+LastName : string?
EmailMessageDto
+To : List<MailboxAddress>
+Subject : string
+Content : string
+CC : List<MailboxAddress>
EmployeeSearchResultDto
+EmployeeSearchResultDto(LastName : string, FirstName : string, WorkPhone : string, OfficeLocation : string, Position : string)
EmployeeDto
+EmployeeDto(id : int, FirstName : string, LastName, MiddleInitial : char?)
LoginResultDto
+ID : int
+LastName : string
+FirstName : string
+Role : string
+Token : string
+Expires : int
PersonalInfoDto
+ID : int
+FirstName : string
+MiddleInitial : string?
+LastName : string
+StreetAddress : string
+City : string
+PostalCode : string
+Password : string
+PasswordSalt : byte[]?
+RowVersion : rowversion
EmployeeDetailsResultDto
+Id : int
+FirstName : string
+MiddleInitial : string?
+LastName : string
+MailingAddress : string
+WorkPhone : string
+CellPhone : string
+Email : string
EmailConfiguration
+From : string
+SmtpServer : string
+Port : int
EmployeesForReviewResultDto
+Year : int
+Quarter : int
+Employees : EmployeeDto[]
EmployeeReviewDto
+ID : int
+Year : int
+Quarter : int
+ReviewDate : DateTime
+SupervisorName : string
+Comment : string
+Rating : string
+IsRead : bool
POSupervisorSearchDTO
+StartDate : DateTime?
+EndDate : DateTime?
+PONumber : string?
+POStatus : string?
+EmployeeName : string?
+EmployeeID : int
POSupervisorSearchResultDTO
+PONumber : string?
+CreationDate : DateTime
+EmployeeName : string
+POStatus : string
+SubTotal : Decimal
+TaxTotal : Decimal
+GrandTotal : Decimal
PurchaseOrderUpdateRequestDto
+PurchaseOrder : purchaseOrder
+DeletedItemids : List<int>
SupervisorItemDecisionDTO
+ItemID : int
+UpdatedItemsStatusID : int
+DenialReason : string
MonthlyExpenseDto
+Month : string
+ExpenseTotal : decimal
ReviewDto
+Year : int
+Quarter : int
+SupervisorID : int
+EmployeeID : int
+ReviewDate : DateTime
+SupervisorName : string
+SupervisorEmail : string
+IsOutStanding : bool
DashboardDto
+MonthlyExpense : List<MonthlyExpenseDto>
+PendingPOCount : int?
+UnreadPerformanceReviewCount : int
+PendingReviewsToCreateCount : int?
+TotalSupervisedEmployees : int?
Name | Bravo_UML_v3.0.1
Description | Bravo_UML_v3.0.1
Team | Bravo
Service
AuthenticationService
-repo : AuthenticationRepository = new()
+LoginDojsin : LoginDto) : LoginResultDto
+ValidateCredentials(credentials : LoginDto) : LoginDto
TokenService
-configuration : Configuration = new()
+CreateToken(user : LoginResultDto) : string
DepartmentService
-repo : DepartmentRepository = new()
+Create(department : Department) : Department
+GetAll() : List<DepartmentDto>
+GetAllWithDetails() : List<Department>
+Update(department : Department) : Department?
-IsValid(department : Department) : boolean
-IsValidInvocationDate(department : Department) : boolean
+Delete(department : Department) : boolean
-CanDeleteDepartment(id : int) : boolean
EmailService
-emailConfig : EmailConfiguration
+EmailService(emailConfig : EmailConfiguration)
+SendEmail(message : EmailMessageDto) : void
-CreateEmailMessage(message : EmailMessageDto) : MimeMessage
-Send(emailMessage : MimeMessage) : void
PasswordUtilityService
+GenerateSalt(length : int = 16) : byte[]
+HashToSHA256(input : string, salt : byte[]) : string
PurchaseOrderService
-repo : PurchaseOrder
-departmentRepo : DepartmentRepository
-emailSender : EmailService
+CreatePurchaseOrder(purchaseOrder : PurchaseOrder) : PurchaseOrder
+ValidateOrder(purchaseOrder : PurchaseOrder) : bool
+MergeItem(purchaseOrder : PurchaseOrder) : void
+GetPurchaseOrder(purchaseOrderSearchDTO : PurchaseOrderSearchDTO) : List<PurchaseOrderSearchResultDTO>
+GetPurchaseOrderDetails(poNumber : int) : PurchaseOrderDTO
+GetPurchaseOrderByDepartment(departmentID : int) : List<DepartmentSearchResultDto>
+UpdatePurchaseOrder(dto : PurchaseOrderUpdateRequestDto) : PurchaseOrder
+SearchPurchaseOrderBySupervisor(criteria : POSupervisorSearchDTO) : List<POSupervisorSearchResultDTO>
+ProcessItemDecision(dto : SupervisorItemDecisionDTO) : bool
+ClosePurchaseOrder(poNumber : int) : void
DashboardService
-reviewRepo : ReviewRepository
-poRepo : PurchaseOrderRepository
+GetEmployeeDashboard(id : int) : DashboardDto?
+GetSupervisorDashboard(id : int) : DashboardDto
EmployeeService
-repo : EmployeeRepository
-jobRepo : JobRepository
+Create(employee : Employee) : Employee
+Search(searchDto : EmployeeSearchDto) : EmployeeSearchResultDto
+GetAllJobs() : List<Job>
+GetEmployeeAssignment(employeeid : int) : EmployeeAssignmentResultDto
+GetAllSupervisors(departmentid : int?) : List<EmployeeDto>
+GetEmployee(employeeid : int) : Employee?
+GetDetails(employeeid : string) : EmployeeDetailsResultDto?
+Search(employeeid : string?, lastName : string?) : List<EmployeeDetailsResultDto>
+GetPersonalInfo(id : int) : PersonalInfoDto?
+Update(employee : Employee) : Employee?
+UpdatePersonalInfo(info : PersonalInfoDto) : PersonalInfoDto?
+CanRetireIsAll(employee(employee : Employee) : boolean
-IsValid(employee : Employee) : boolean
-IsValidSupervisorForDepartment(supervisorid : int, departmentid : int) : boolean
-IsSupervisorCEO(supervisorid : int) : boolean
-CanAssignMoreEmployeesToSupervisor(supervisorid : int, employeeid : int? = null) : boolean
-IsEmployeeCEO(jobid : int?) : boolean
-IsValidEmployeeUpdate(employee : Employee) : boolean
-IsValidPersonalInfo(update(info : PersonalInfoDto) : boolean
ReviewService
-repo : ReviewRepository
-emailConfig : EmailConfiguration
-empRepo : EmployeeRepository
+Create(review : Review) : Review
-GetReviews(id : int) : List<EmployeeReviewDto>
+GetPendingEmployeesForReview(id : int?) : List<EmployeesForReviewResultDto>
+MarkReviewsAsRead(id : int) : boolean
+SendReminder() : boolean
-IsValidReviewer(id : int, Review) : boolean
-IsEligibleForReviewSend() : boolean
-LogReminder() : void
Changed parameter and return types
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