@AbapCatalog.sqlViewName: 'ZCPURCHDOCLRP'  
@EndUserText.label: 'Purchase Document'  
@AccessControl.authorizationCheck: #NOT\_REQUIRED  
  
@ObjectModel.representativeKey: 'PurchaseDocument'  
@ObjectModel.semanticKey: [ 'PurchaseDocument' ]  
  
@OData.publish: true  
  
@Search.searchable: true  
  
  
@Metadata.allowExtensions:true  
  
@ObjectModel.transactionalProcessingDelegated: true  
@ObjectModel.compositionRoot: true  
  
@ObjectModel.createEnabled: true  
@ObjectModel.updateEnabled: true  
@ObjectModel.deleteEnabled: true  
  
@VDM.viewType: #CONSUMPTION  
  
define view Z\_C\_PurchaseDocumentLrp  
  as select from Z\_I\_PurchaseDocumentTP  
  association [0..\*] to Z\_C\_PurchaseDocumentItemLrp as \_PurchaseDocumentItem on $projection.PurchaseDocument = \_PurchaseDocumentItem.PurchaseDocument  
  association [0..1] to I\_Indicator                 as \_IsApprovalRequired   on $projection.IsApprovalRequired = \_IsApprovalRequired.IndicatorValue  
  
{  
  
      @EndUserText.label: 'Purchase Document'  
      @Consumption.semanticObject: 'PurchasingDocument'  
  key PurchaseDocument,  
  
      @EndUserText.label: 'Overall Price'  
      OverallPrice,  
  
  
      @EndUserText.label: 'Approval Required'  
      @ObjectModel.foreignKey.association: '\_IsApprovalRequired'  
      @ObjectModel.readOnly: true  
      case when OverallPrice > 1000 then 'X' else '' end                                    as IsApprovalRequired,  
  
  
  
      // TODO: Example using TDD  
      @ObjectModel.readOnly: true  
      case when OverallPrice >= 0 and OverallPrice < 1000 then 3  
        when OverallPrice >= 1000 and OverallPrice <= 10000 then 2  
        when OverallPrice > 10000 then 1  
        else 0 end                                                                          as OverallPriceCriticality,  
  
      @EndUserText.label: 'Status'  
      Status,  
  
      @EndUserText.label: 'Priority'  
      Priority,  
  
      @Search.defaultSearchElement : true  
      @Search.fuzzinessThreshold : 0.8  
      @Semantics.text: true  
      @EndUserText.label: 'Description'  
      Description,  
  
      @EndUserText.label: 'Purchasing Organization'  
      PurchasingOrganization,  
  
      @EndUserText.label: 'Currency'  
      Currency,  
  
      // BOPF Admin Data  
      @EndUserText.label: 'Created at'  
      @Consumption.filter.hidden: true  
      crea\_date\_time,  
      @EndUserText.label: 'Created by'  
      crea\_uname,  
      @EndUserText.label: 'Last changed at'  
      @Consumption.filter.hidden: true  
      lchg\_date\_time,  
      @EndUserText.label: 'Last changed by'  
      lchg\_uname,  
  
  
      @EndUserText.label: 'Image'  
      @Consumption.filter.hidden: true  
      PurchaseDocumentImageURL,  
  
  
      /\* Associations \*/  
      @ObjectModel.association.type: #TO\_COMPOSITION\_CHILD  
      \_PurchaseDocumentItem,  
  
      \_Currency,  
      \_IsApprovalRequired,  
      \_Priority,  
  
      \_Status,  
      \_PurchasingOrganization  
}