## ERD database Archimedes **tblCurrencies** tblLanguages tblContacts tblCountries **tblCMSUsers** iID sCurrencyName [euro] sCurrencySymbol [€] sISOAlphabetic [EUR] <u>iID</u> sCountryName <u>iID</u> sUsername **TODO** sName Image sizes Legenda Types -thumbnail: 150x150 meta fields store redundant sISO2 dt = datetime sUsernamePublic -medium: 500x500 [English, Dutch, German] d = decimal (precision x,4) information to speed up sISO3 sISONumeric [978] -large: 1024x1024 blsSystemDefault i = integer64 database performance iDecimalPrecision [2] -maximum: 2500x2500 s = varchar < 256 chars blsInEuropeanUnion ==> blsInEEA blsSystemDefault b = boolean nlsVisible [stores address info of bin = binary https://www.youtube.com/watch?v=uqhRv3jwQn8 contacts] [netherlands, germany] s = longtext 255+ chars [euro, dollar etc] tblProductCategories-Products tblProductCategories tblProductCategory **tblTransactions** <u>iID</u> <u>iParentid</u> iLevel **Attributes** <u>sUniqueID</u> <u>iProductCategoryID</u> <u>iSKUAttributeID</u> iProductcategoryid iTransactionsTypeID sName <u>iBuyerContactID</u> slmageThumbnail iCreatedByContactID [template with attributes slmageMedium [products can exist in multiple dtDateFinalized tblProducts for a new SKU in a slmageLarge categories] iIncrementNumber product category] slmageMax blsFinalized sName <u>iCurrencyID</u> [actual categories itself] sBrand sPurchaseOrderNumber tblTransactionsTypes dMetaStockAvailable iPaymentRemindersSent dMetaStockReserved sName [order, invoice etc] sNotesInternal [255+] **tblStockLocations** dMetaSalesPriceInclVAT sNotesExternal [255+] sDescription bTrackStock tblSKU-Translations sPSPName [paypal] bAvailableStockAdd sName sInfoPopup tblProductVariants <u>iID</u> iSKUID sPSPTransactionID bAvailableStockSubtract bAskSerialNumber <u>iID</u> <u>iProductID</u> [amsterd, ny, london] binIPAddressBuyer bReservedStockAdd iLanguagesID [products shown in dMetaTotalPriceInclVAT bReservedStockSubtract sName overviews/lists] dMetaTotalPriceExclVAT bFinancialAdd sNameShort [kassabonnen] sDescription [255+] sContentsBox [255+, cable] dMetaCostPriceExclVAT bFinancialSubtract tbISKU-StockLocations dMetaTotalVAT blsDefaultSelected <u>iID</u> iSKUID dMetaAmoundDue blsDefaultInvoice [Size, color etc] **iShippingMethodID** sColorBackground tblProductVariants-Translations [translations of SKU's] iStocklocationsID TransactionStatusID sColorForeground dStockAvailableQTT iNewNumberIncrement iLanguageID [invoices, orders, dStockReservedQTT [last invoicenumber] iPaymentMadeWithinDays <u>iProductVariantID</u> shopping cart etc] [where is stock stored. tbISKU QTT=Quantity] [determines behavior [Size, maat, Größe] <u>iID</u> sSKUCode of transaction] dCostPriceExclVAT tblSKU-ProductVariantValues ilD iProductVariantID iSKUID dSalesPriceInclVAT iShippingMethodID iVATClassID tblSKU-ProductVariantsValuestbIVATClassesCountries **Translations tblTransactionsLines** bAvailableForSale <u>iID</u> <u>iProductsVariantValueID</u> <u>iVATClassesID</u> <u>iID</u> iTransactionsID bEOL dPercent bOnSale <u>iLanguageID</u> **tblTransactionsPayments tblTransactionsPaymentsMethods** <u>iCountryID</u> dQuantity dtOnSaleStart sValue [values of product variants: <u>iID</u> sName sDescription dtOnSaleEnd iTransactionsID green, 16gb, m] dUnitPriceExclVAT [M, 16 gb, green] dOnSaleSalesPriceInclVAT dAmount [register VAT per country] dUnitCostPriceExclVAT dWeightG [in grams] <u>iPaymentMethodID</u> dVATPercentage dDimensionBoxHeightMM [cash, credit card, paym. on account] dUnitDiscountExclVAT dDimensionBoxWidthMM <u>iSKUID</u> <u>iVATClassesID</u> tblVATClasses dDimensionBoxDepthMM [when is how much payed] sMetaValue1 [cust attr. val] sName sMetaValue2 sDescription [contents of a transaction] sMetaValue3 sGeneralLedgerAccount sMetaValue4 tblSKULinked sCostCenter sMetaValue5 <u>iID</u> iOriginalSKUID **[actual Stock Keeping** [btw tarief: digitaal, boek, tblTransactionsFulfilmentHistory iLinkedSKUID Units and their price] service] tblSKUlmages dQuantity iTransactionID <u>iID</u> iSKUID tblTransactionsStatus [gekoppelde artikelen] slmageThumbnail slmageMedium <u>sName</u> <u>iTransactionsStatusID</u> tblSKUShippingMethods tblShippingMethods <u>dtDate</u> iID sName dSalesPriceInclVAT slmageLarge slmageMax sDescription <u>iSKUID</u> [payed, processed, picked, sent etc] **iShippingMethodsID** [what happened when (stock, money) - ability to see history for [stores product images] [register available shipping [pickup, send by mail] methods] security reasons auto created by system] tblProductTags-Products tblProductTags ilD iProductID iProductTagID <u>iID</u> sName tblStockLevelAdjustments tbISKU-Barcodes <u>iID</u> <u>iSKUID</u> dtDate <u>iID</u> sBarcode <u>iSKUID</u> tblRepairs tblRepairStatus dtInvalidateAfter dAvailableStockDelta ilD iClientContactID <u>iID</u> sName dReservedStockDelta dQTT [associates similar [associates similar sCostPriceExclVat sBrand [HP] products for webshop] products for swebshop] dDescription sKind [laptop, printer] sSerialNumber [EAN barcodes. product tblRepairFulfilmentHistory can have multiple [associates similar iID iUserID dDescription changing over lifecycle [finished, wait for customer, products for swebshop] sAccessoires [255+] wait for supplier] sPassword sDescriptionProblem dMeta\_TotalSalesPriceInclVAT tblSerialNumbers dtDate <u>iID</u> <u>iSKUID</u> <u>sSerialNumber</u> bUnderWarranty <u>iRepairStatusID</u> bContactPriceExceeds iRepairID tblSKUAttributes tblSKUAttributesTranslation tblSKUAttributeValuesTranslation tblSKUAttributeValues dContactPriceExceeds <u>iID</u> sName <u>iID</u> iSKUID iTransactionID <u>iID</u> <u>iID</u> <u>iSKUValuesID</u> [What is done when] iRepairStatusID iRepairID dtRepairDelivered [uitgeleverd] bDataRemovalAllowed tblRepairLinkedSKU <u>iLanguageID</u> <u>iSKUAttributeID</u> <u>iLanguageID</u> iID iSKUID iRepairID dQuantity sValue iProcessedViaTransactionID dEstimatedPrice i.e. "123B456C" i.e. "screen size" i.e. "screen size, schermgrootte" i.e. 17" i.e. 17" iRepairStatusID tblSerialNumbersHistory [Products used in repair] <u>iID</u> <u>iSerialNumberID</u> dtDate iUserID **s**Description