**Task: HS Code Validation Setup**

* Create fields "**HS Code Format Nep**" - **Datatype: Text [20]** in **Table: Company Information (79)**
* Add field in **IRD CBMS Integration Setup** Tab in **Page: Company Information (1, Card)**
* Create fields "**HS Code Nep**" - **Datatype: Text [20]** in **Table: Item (27)**
* Add field in **General** Tab in **Page: Item Card (30, Card)**
* Add Control in validation of field "**HS Code**" in **Table: Item (27)**
  + **"#" - only a digit can be entered**
  + **"@" - only a letter can be entered (a-z or A-Z)**
  + **"?" - any character can be entered**
* **Validate in Uppercase** whatever is typed **in HS Code Nep**

Solution

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| **HS Code Nep - OnValidate()**  **VAR**  CompanyInfoRec: Record "Company Information";  HSCodeFormat: Text[20];  I: Integer;  BEGIN  **IF NOT CompanyInfoRec.GET THEN BEGIN**  **MESSAGE('Company Information record not found.');**  **EXIT;**  **END;**  **HSCodeFormat := CompanyInfoRec."HS Code Format Nep";**  **IF STRLEN(HSCodeFormat) <> STRLEN("HS Code Nep") THEN BEGIN**  **ERROR('The length of HS Code Nep must match the length of HS Code Format Nep.');**  **EXIT;**  **END;**  **FOR I := 1 TO STRLEN("HS Code Nep") DO BEGIN**  **CASE HSCodeFormat[I] OF**  **'#':**  **IF NOT ("HS Code Nep"[I] IN ['0'..'9']) THEN**  **ERROR('Invalid character at position %1. Expected a digit.', I);**  **'@':**  **IF NOT ("HS Code Nep"[I] IN ['A'..'Z', 'a'..'z']) THEN**  **ERROR('Invalid character at position %1. Expected a letter.', I);**  **'?':**  **;**  **ELSE**  **ERROR('Invalid format character at position %1 in HS Code Format Nep.', I);**  **END;**  **END;**  **"HS Code Nep" := UPPERCASE**("HS Code Nep");  END; |

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| **HS Code Nep1 - OnValidate()**  **CompanyInfo.GET;**  **format := CompanyInfo."HS Code Format Nep1";**  **check := Compare("HS Code Nep1", format);**  **IF NOT check THEN BEGIN**  **ERROR('The entered HS Code for item I-00003 is not in agreement with the format specified in your HS Code Format.');**  **END;**  **"HS Code Nep1" := UPPERCASE**("HS Code Nep1");  **Compare(HSCode : Text[20];Format : Text[20]) : Boolean**  **Check := TRUE;**  **IF STRLEN(HSCode) = STRLEN(Format) THEN**  **FOR i:=1 TO STRLEN(HSCode) DO BEGIN**  **Cf := COPYSTR(Format, i, 1);**  **Ce := COPYSTR(HSCode, i, 1);**  **CASE Cf OF**  **'#':**  **IF NOT ((Ce >= '0') AND (Ce <= '9')) THEN**  **Check := FALSE;**  **'@':**  **IF STRPOS(Text005, UPPERCASE**(Ce)) = 0 THEN  Check := FALSE;  ELSE  IF NOT ((Cf = Ce) OR (Cf='?')) THEN  Check := FALSE  END;    END  ELSE  Check := FALSE;  EXIT(Check); |

**Standard Format:**