Excel creating a table

Select any cell and ctrl A to select them all

Insert Table

Select first as headers

Rename table

Property

Trigger

Formula bar

thisItem. Select the Column head of the table

formulas

first name plus last name --- using the formula bar fx drop down

Concatenate(ThisItem.FirstName, " ", ThisItem.LastName)

Navigate function

Go to selected screen using the OnSelect Function ,

Navigate(EditScreen1,None)

Forms –to edit in form

Go edit the form by clicking the edit button navigation

EditForm(EditForm1);Navigate(EditScreen1, ScreenTransition.None)

Or new form

NewForm(EditForm1);Navigate(EditScreen1, ScreenTransition.None)

Parent and children elements

Details form

Select fields—edit

Control types

View phone-can call them

View email- can send and email

View rich text – customize text by html or markdown

Parent. Default—copying or valu details from the parent item

In the form you cannot change the detail because only the parent can do it

But you can use other method to rename values inside the details form

=========== FirstName\_DataCard1.Default =========

Concatenate(FirstName\_DataCard1.Default, " ", LastName\_DataCard1.DataField)

so the key takeaways for this lecture are that quite often

In Power Apps, each component have child components or parent components for

properties or triggers on these drop downs.

It can refer to the parent value to actually set a value, set a color of the label and so on.

And withinside any component such as label and name to you can refer to any other component in the app

and grab its values in a header where contaminating the first name, data one and the last name data

called one values.

7. Automatically set the ID for new records

New Item add in student list

Unique id –create automatically—set it as read only

Power apps,,- using excel as a data source—it can only read up to 500 items/ rows at a time for formulas

CountRows(Students) +1---

501 =🡺 1001

Files ---settings—advance settings—set value

Creating a new record => CountRows(Students) +1

If you edit a existing record => parent.default

====== If(EditForm1.Mode=FormMode.Edit,Parent.Default,CountRows(Students) +1) =====

If edit form is in edit form mode use default as “parent.default”, else when you are creating a new record it will automatically count the rows and add 1 to it

DisplayMode = View => read only, cannot edit it by the user—if you cannot change the properties

8. Required fields and email validation

Make fields required --- so it cannot be blank

Required property === true === a star appear on the field to indicate that this item is required

Required item are needed to save the record

Validate email

Use --- IsMatch – for email pattern

Example:

IsMatch(DataCardValue6.Text, Match.Email)

Or IsMatch(DataCardValue6.HtmlText, Match.Email)-=🡺 because it is edited in blue and underline—it is interpreted as a html text

[True---- true@gmail.com](mailto:True----%20%20%20%20%20true@gmail.com) – valid email address

False =---- fakeee --- not valid

9. [ACTIVITY] Prevent form submission for invalid emails

OnSelect == false === form cannot be submitted

SubmitForm(EditForm1)

---correction

Detail form for email field==🡺view email

As for edit form=🡺 remove the data card for email –add a new one with edit text--- so you can edit the email field