



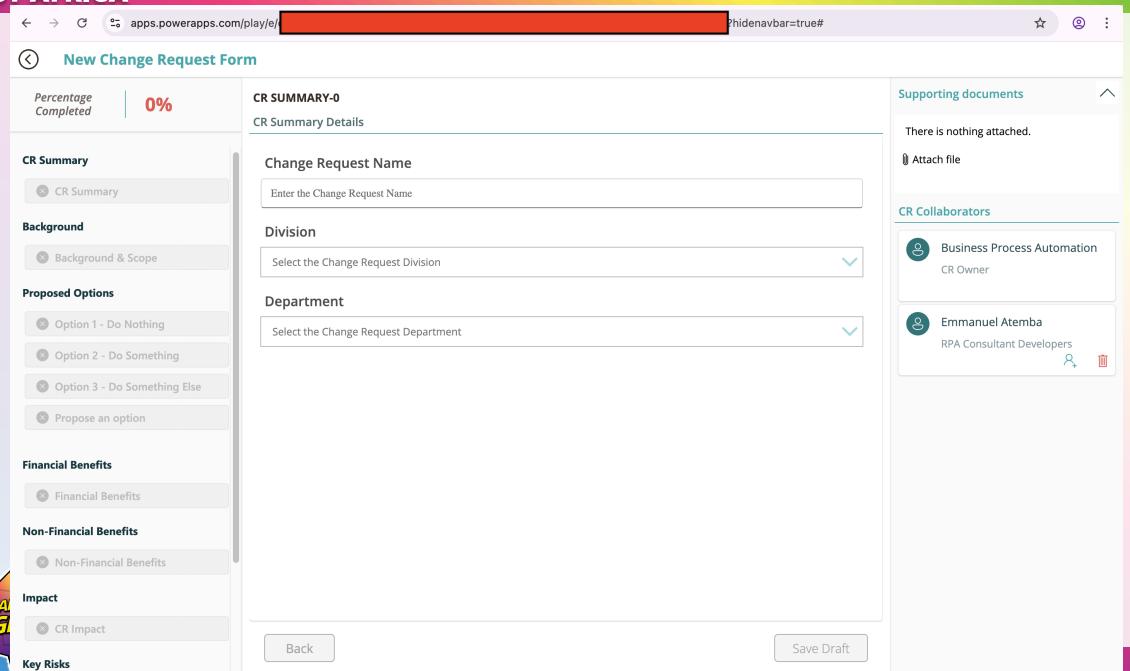


AGENDA

- Intro to PowerApps forms
- The JSON way: Real world scenarios
- Why it matters
- Explore the JSON structure
- Reusable controls
- Demo
- Q&A



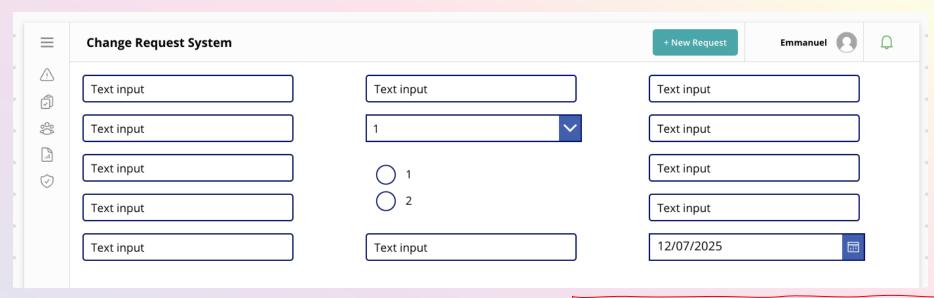
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Intro to Power Apps forms

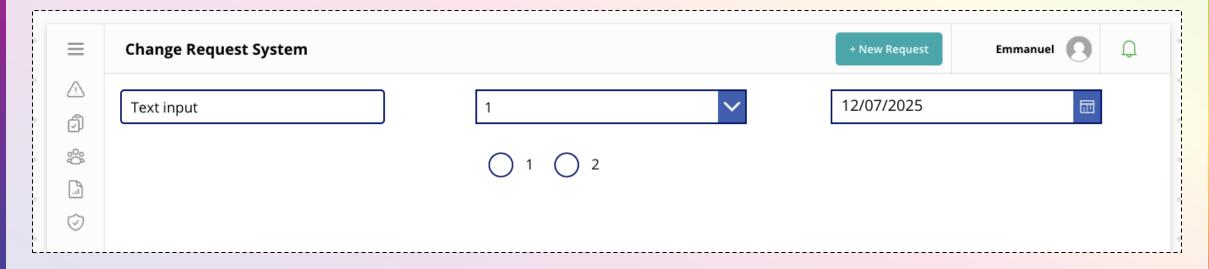


- Insert needed controls
- Update their properties: Color, Border, Fonts, Background Color, etc
- Copy and Keep Copying them across your forms in the app
- Repetitive
- Difficulty to maintain
- Too many controls slows the app
- Error prone
- High chances of ending up with unused controls
- Too much logic eg, Null check, value checks for all controls





The JSON way: Use Cases



- Multi step forms
- Forms with many repetitive controls/fields
- Forms with conditional display





Why it matters

- Increase reusability
 - A single control across a given form
- Improve app load
 - Less controls improve app load
- Increase maintainability
 - Single point of change e.g. visibility, mode, alignment etc
- One source of truth
 - Control the field types from the JSON. If a field changes, just update the JSON

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ClearCollect(
        CRFormFields,
                Section: "CR Summary",
                SubSection: "CR Summary",
                ID: 0,
                SectionWeight: 8.3333,
                Fields: [
                        FieldID: "FD00001",
                        FieldName: "Change Request Name",
                        HelperText: "Enter the Change Request Name",
                        IsRequired: true,
20 \
                        FieldID: "FD00002",
                        FieldName: "Division",
                        HelperText: "Select the Change Request Division",
                        FieldType: "Dropdown",
                            BusinessUnits As bsUnitData,
27 ,
                                Id: bsUnitData.ID
                        AllowMultiple: false,
37 .
                        FieldID: "FD00003",
                        FieldName: "Department",
                        HelperText: "Select the Change Request Department",
```

Explore JSON structure

JSON Preview

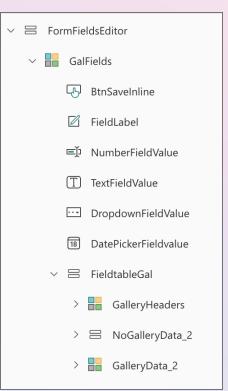
```
//Group Data
```





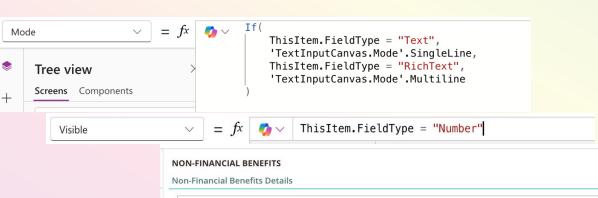
Reusable controls

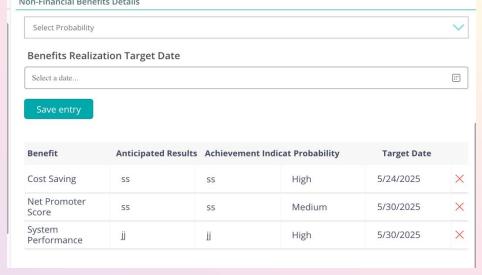
JSON Preview



Field/Control Types

- ✓ Text
- Number
- ✓ RichText
- ✓ Date
- ✓ Radios
- ✓ CheckBox
- ✓ Dropdown [Options: collection, Allow Multiple: true/false
- ✓ Table [For Galleries, Tables] {Headers: A collection of header text, Values: A collection of values to display}









DEMO



