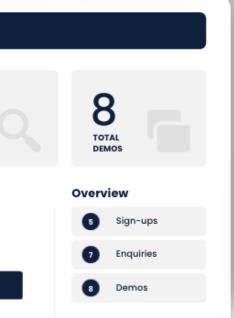


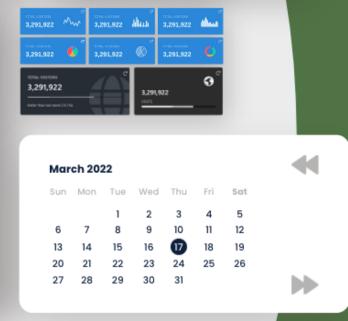






Joget DX8







- file http://facebook.com/jogetworkflow
- http://twitter.com/jogetworkflow



Prerequisites

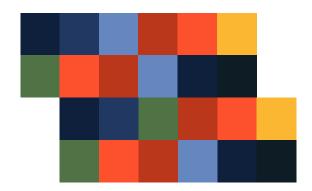
- Designed a form.
- Understand how basic data storage works.
- Knowledge on ER diagram or database system is recommended.



Content

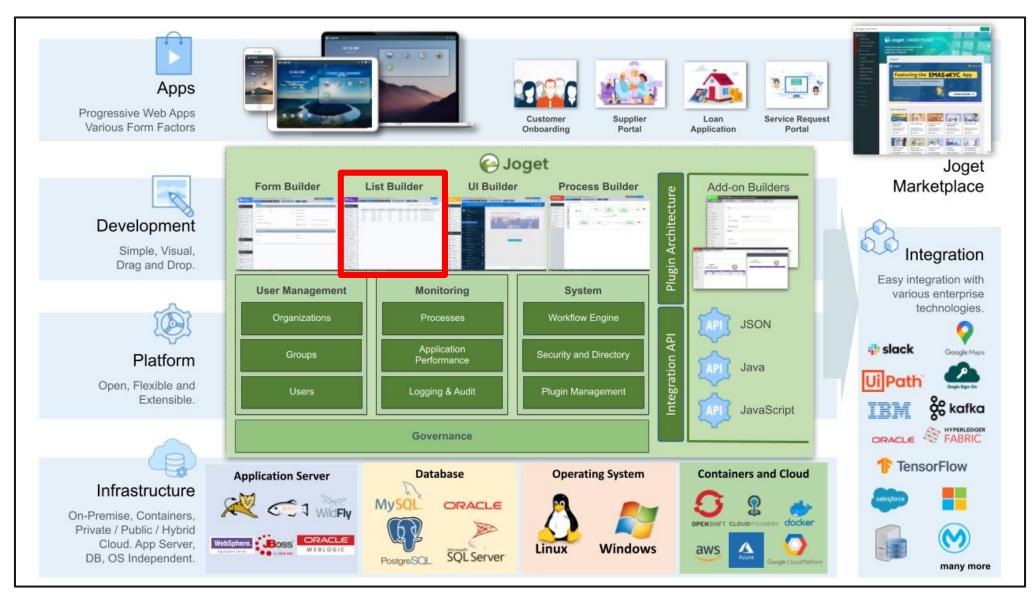
- 1. Introduction to List Builder
- 2. Designing Your First List





Chapter I Introduction to List Builder





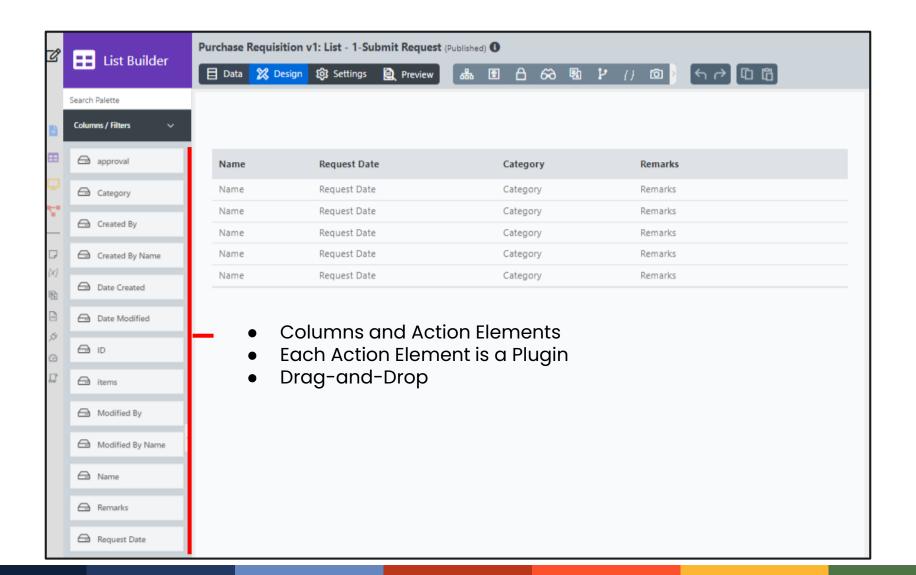


List Builder

- Listing of records / generating reports.
- Little/No programming knowledge needed to operate.
- Retrieving records from Form Data Table*
- Extends default capabilities of task inbox.
- Extensible functionalities through Joget's plugin architecture.

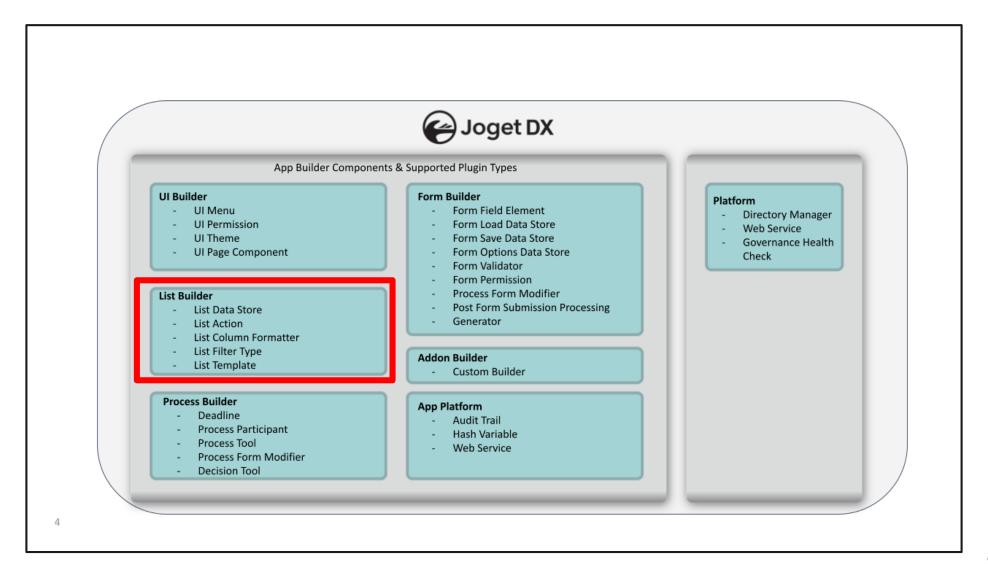


List Builder





Plugin Types





Retrieving Records From Form Data Table

What happened to all the submitted applications?

				10 V Approval Show
-	Name	Request Date	Category	Remarks
	Ahmed	2022-09-30	stationery	
	Paul	2022-09-30	medical Equipment	
	Justin	2022-10-01	stationery	
	Admin Admin	01/04/2020	stationery	



Extends Default Capabilities of Task Inbox

Name	Request Date	Category	Remarks
Paul	2022-09-30	medicalEquipment	
Justin	2022-10-01	stationery	
Jay	2022-10-21	pantrySupplies	
		•	

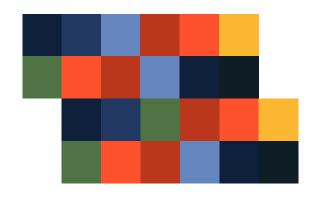
•	Name	Request Date	Category	Remarks
	Paul	2022-09-30	medicalEquipment	
	Justin	2022-10-01	stationery	
	Jay	2022-10-21	pantrySupplies	



Chapter Review

- General understanding of the List Builder and its functionality.
- General understanding on its elements and its extensibility capability.





Chapter 2 Designing your First

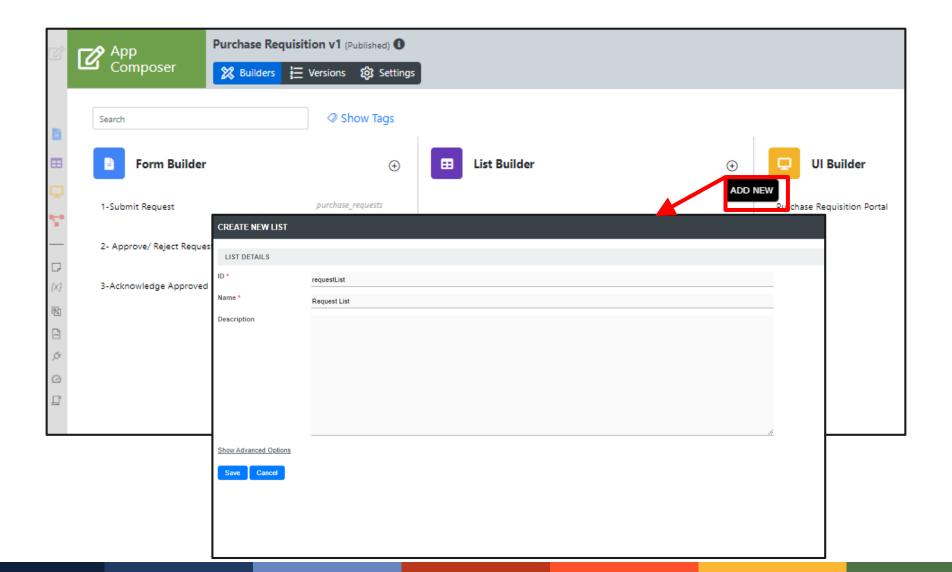


Just In Case...

 You can download the base Purchase Requisition app - 6.3jwa to start 'playing around' with it.



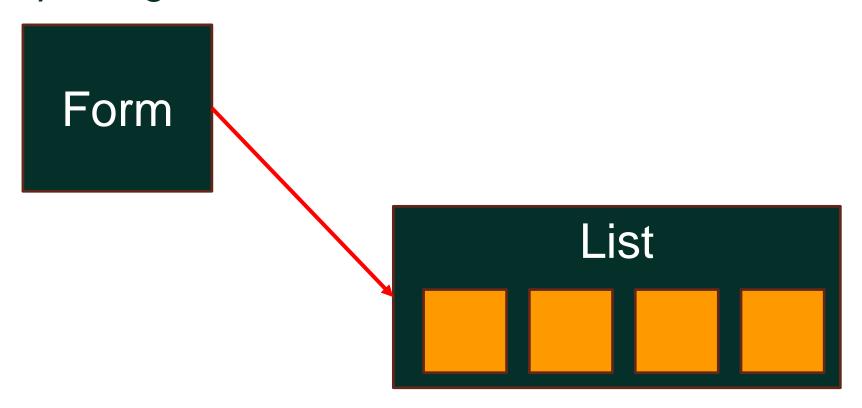
Create a New List





How To Retrieve All Records Submitted?

 Retrieve records using List from selected Form by using a List Data Store.



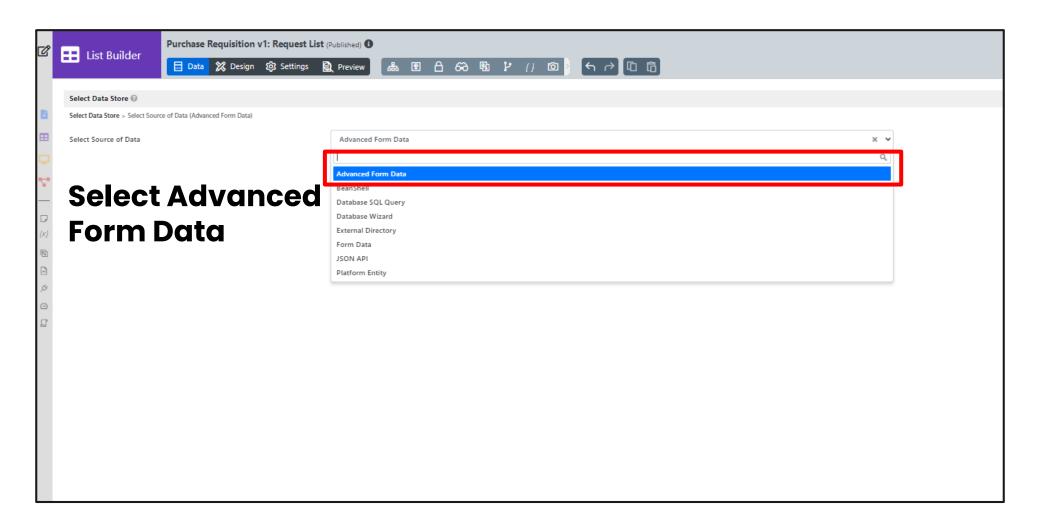


List Data Store

- List Data Store is an extensible element that populates the dataset required by the List Builder.
- Advanced Form Data is the default source used to retrieve form data saved by the default binder of a Form.

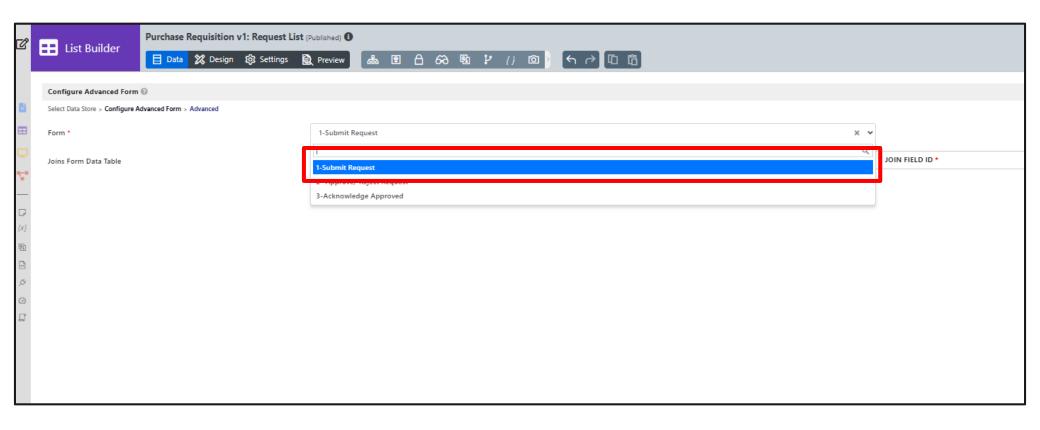


Select Data Store in List Builder



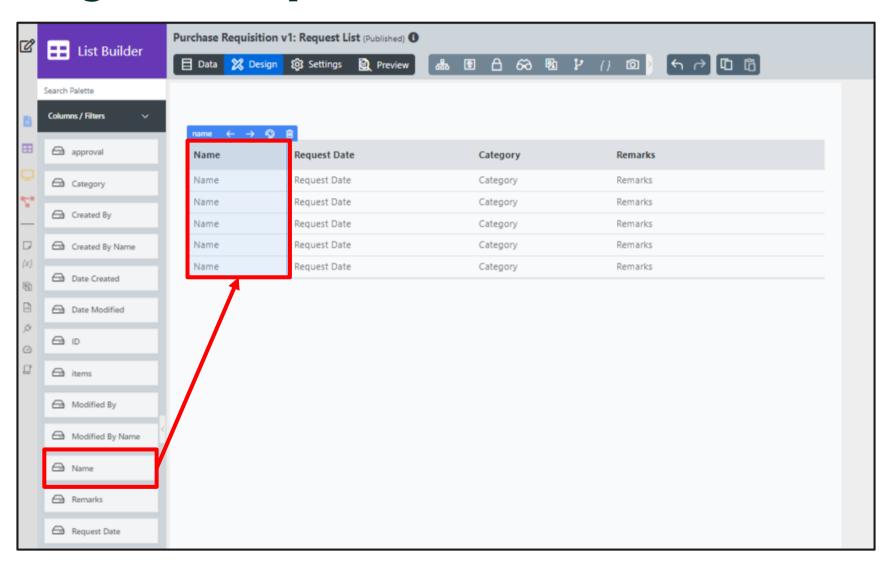


Select Form in List Binder



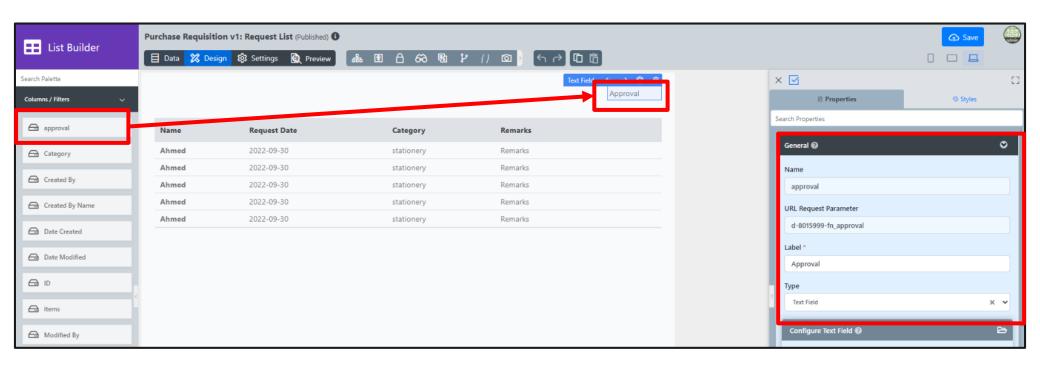


Drag-N-Drop Columns Into the List



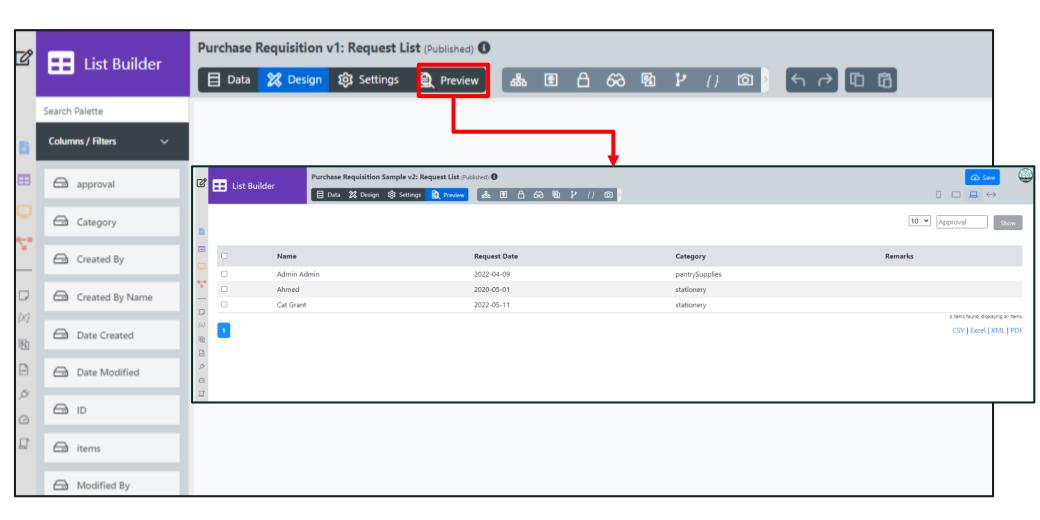


Adding Filter Into the List





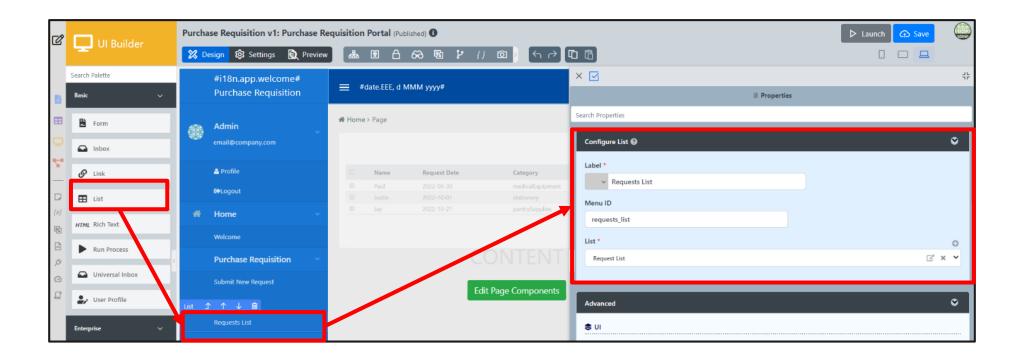
Preview List





Add List Into UI

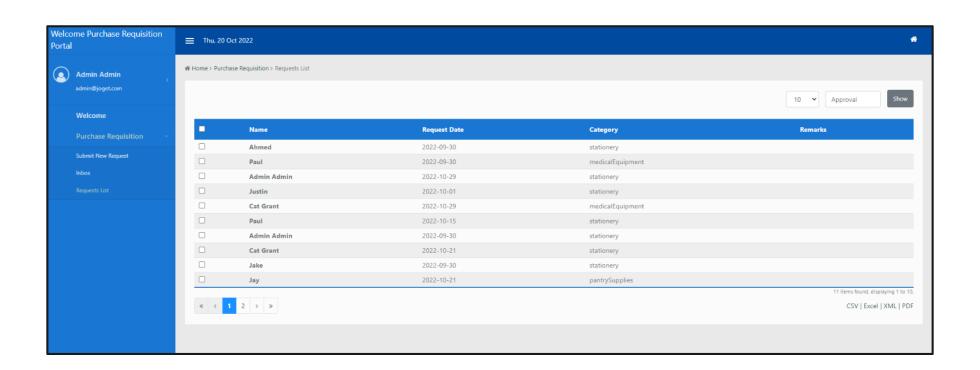
Add List Menu in the UI Builder and point to the List.





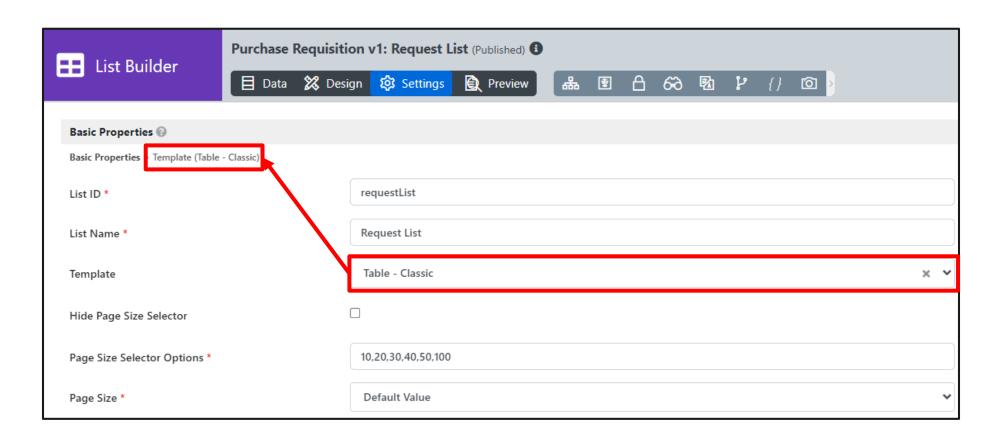
How To Publish the List?

List can be made accessible to end users via the UI.





Rearranging-Show/Hide Columns (New in DX8)



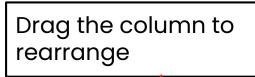


Rearranging-Show/Hide Columns (New in DX8)

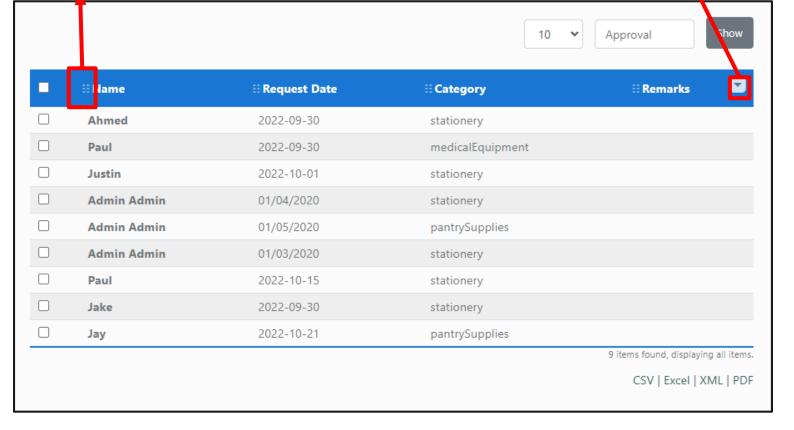
Template (Table - Classic)		
Basic Properties > Template (Table - Classic)		
Display Row Actions in Single Column?		
Disable Responsive Feature?		
Allow User Rearrange Columns?		
Allow User Show/Hide Columns?		



Rearranging-Show/Hide Columns
(New in DX8)

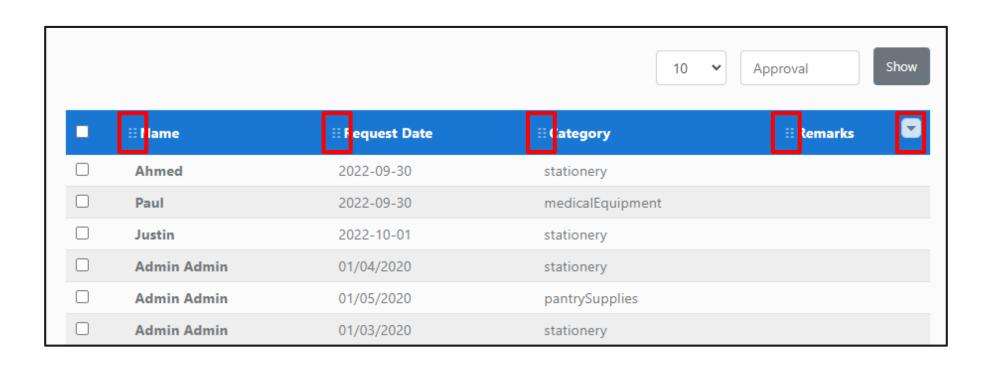


Click to show/hide Columns



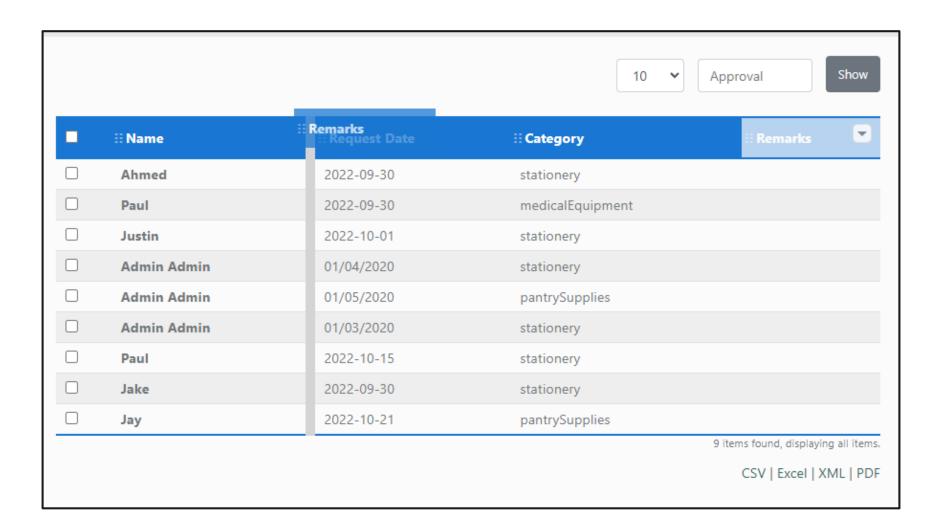


Rearrange, Show/Hide From Ul



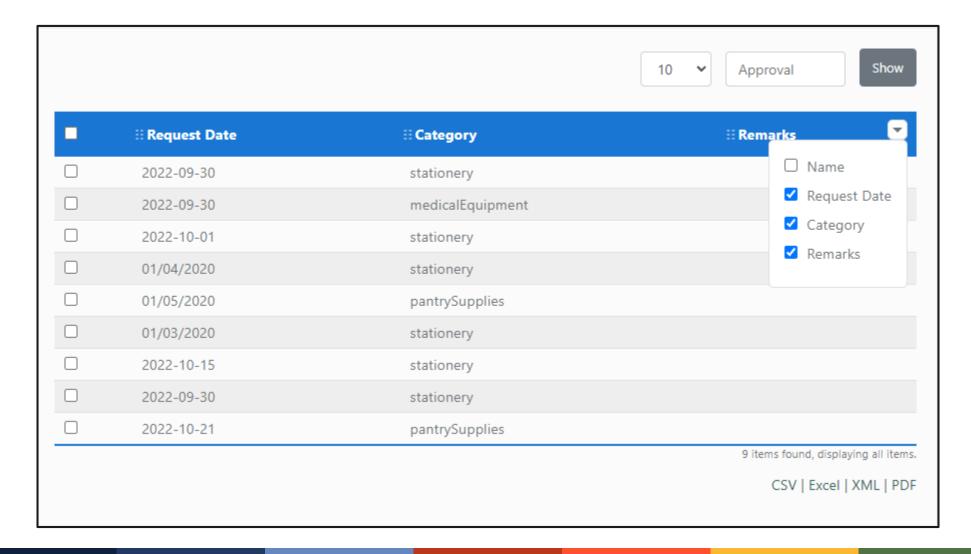


Rearranging Columns in Ul



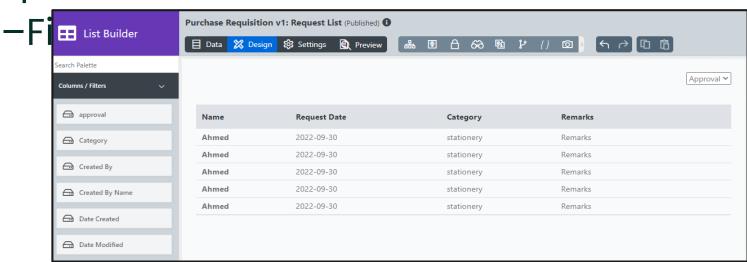


Show/Hide Columns from UI



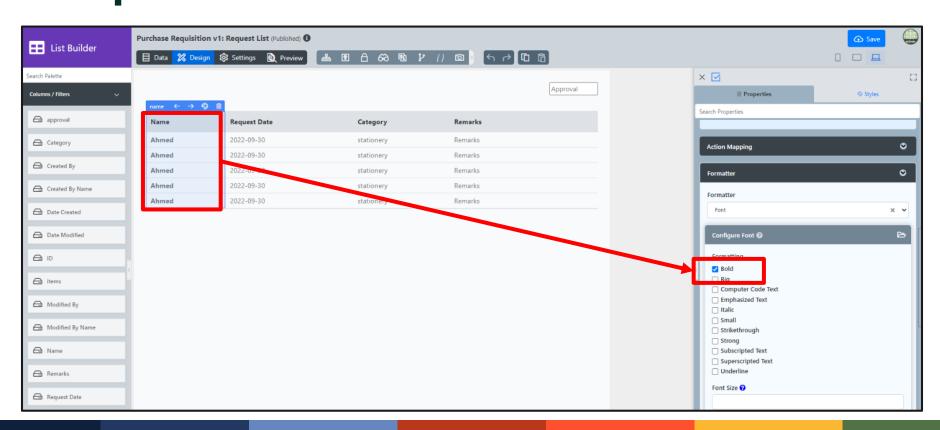


- For the search filter "Approval", configure it to become a dropdown list.
 - -Click on the existing filter.
 - -Choose **Select Box** from the properties panel





- Make the Name column bold by configuring its Properties.
- Properties -> Formatter -> Font -> Bold

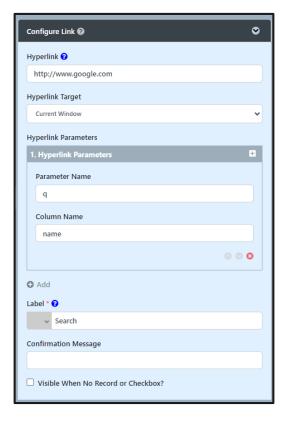




Add a List Row Action – Hyperlink.

 Point to a favorite link of yours and configure the parameters to include one of the columns'

ID.





 Add Bean Shell Formatter to the "Request Date" column.

· Show date in different background color if the

date is in the past.

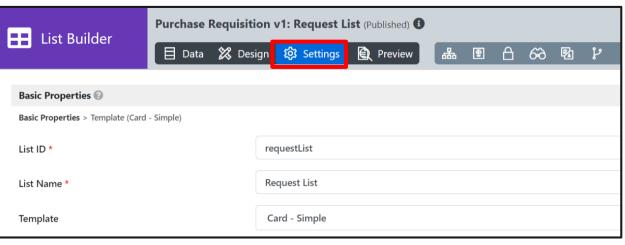
```
import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;

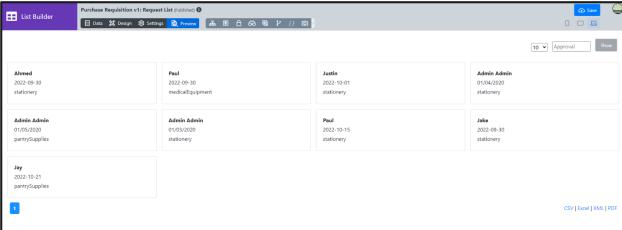
SimpleDateFormat formatter = new SimpleDateFormat("yyyy-MM-dd");
try {
    Date date = formatter.parse(value);
    Calendar cal = Calendar.getInstance();
    if (date.before(cal.getTime())) {
        return "<span style=\"color: white; background-color: red\">" + value + "</span>";
    } else {
        return "<span style=\"color: white; background-color: green\">" + value + "</span>";
    }
} catch (Exception e) {
```

CATEGORY	DATE REQUIRED
Stationery	2022-09-22
Health	2022-09-30
Stationery	2022-09-08



Show the list in card view instead of table view.







Materials

Completed App with the optional exercises can be obtained from the file **7.2.jwa**.



Chapter Review

- Learn on how to create a List.
- Derive dataset from existing Form Data Table through the use of List Data Binder.
- Make use of List Filters, Formatters, Actions



Module Review

- 1. Introduction to List Builder
- 2. Designing Your First List



Recommended Further Learning

Embedding List into a UI for end-user presentation.



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