Example - Create Excel template step by step
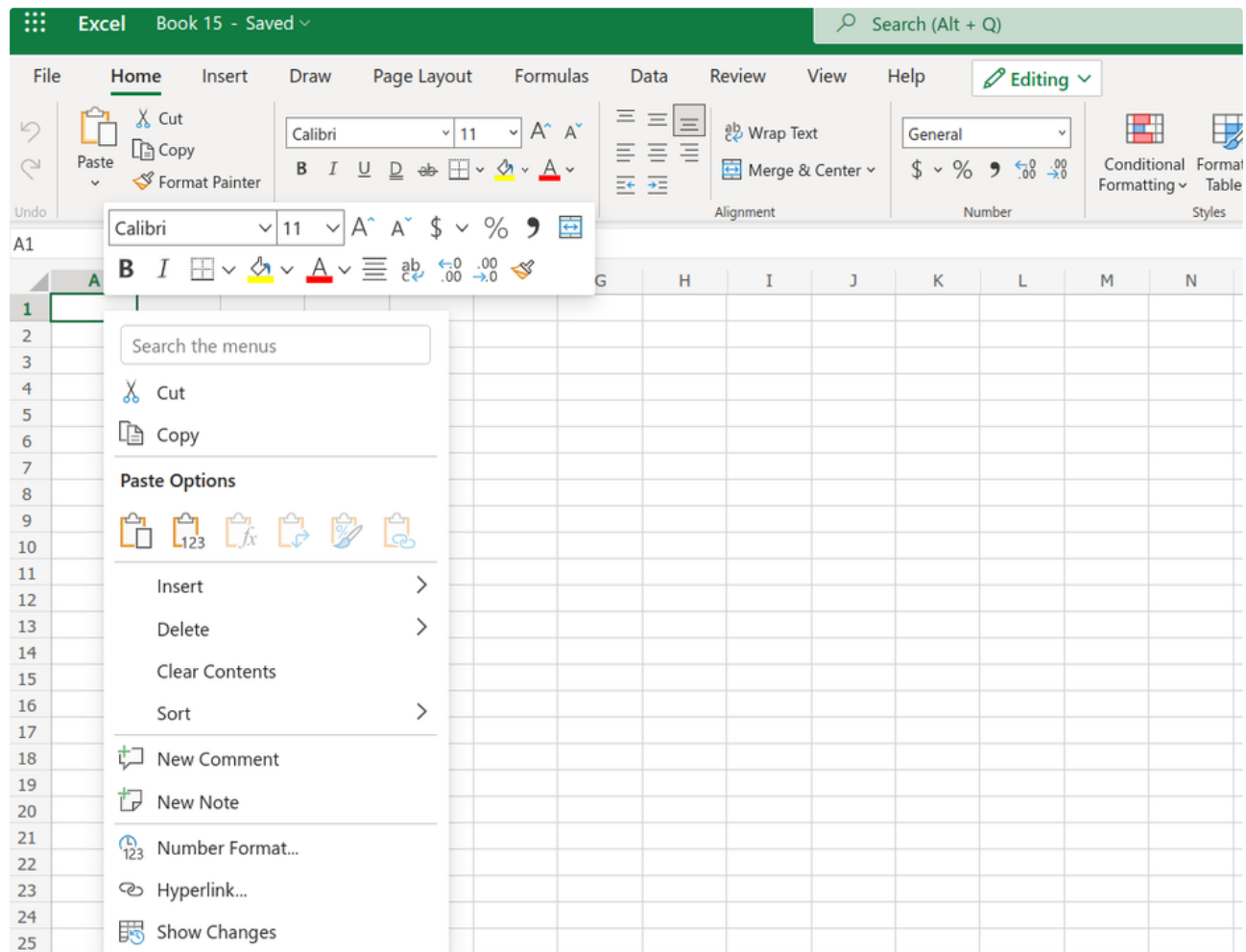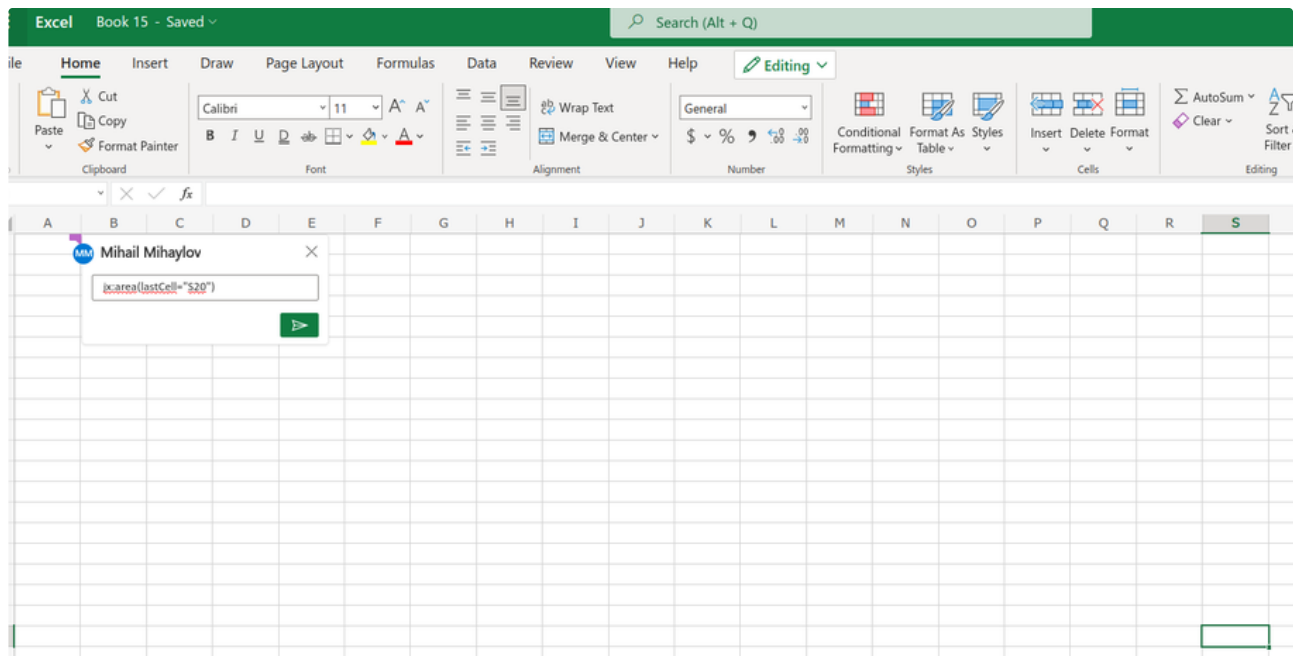
Guide to create a simple excel template with JXLS and Scope data model

Example_Test_... te.xlsx
02 Aug 2022, 03:41 pm

1. Create a blank file with extension .xlsx (Microsoft Excel Open XML Spreadsheet)

2. Open Sheet 1. Go to cell A1, right click with mouse, then choose "New Comment"
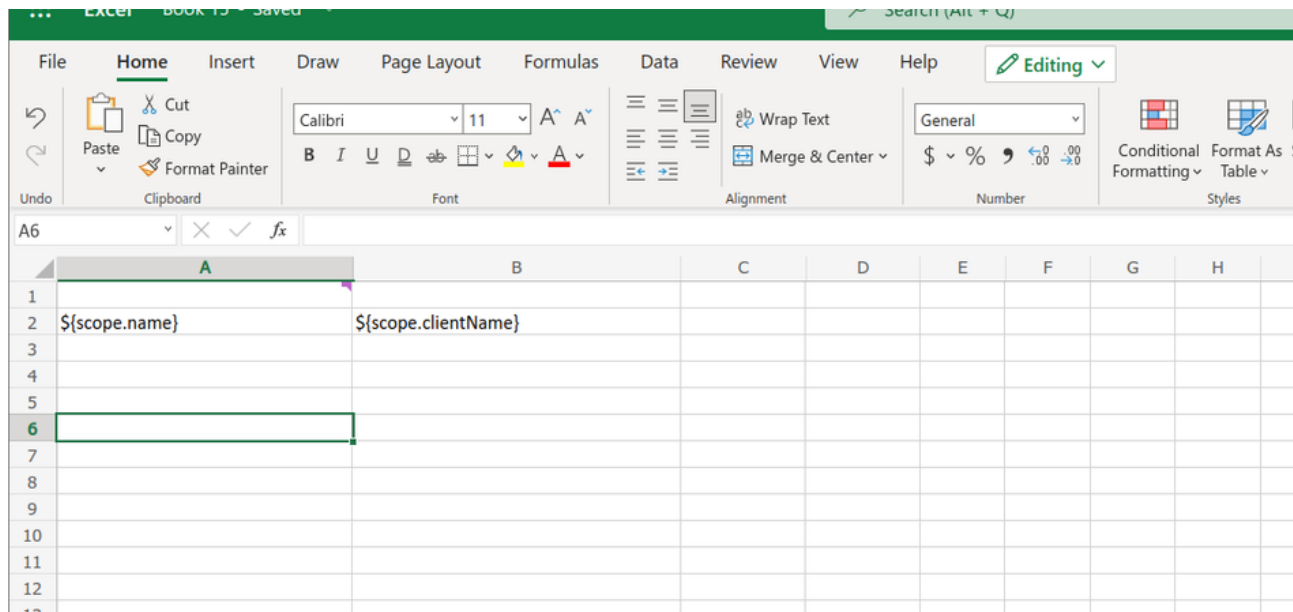

3. Define a comment "**jx:area(lastCell="S20")**". This is an instruction to JXLS to process the area between A1 to S20 and populate all expressions, comments in it.

4. As this is a Scope template, your context will have a global variable "scope". Scope name and name of client could be printed in cell A2 and B2

Type in cell A2 expression **${scope.name}**
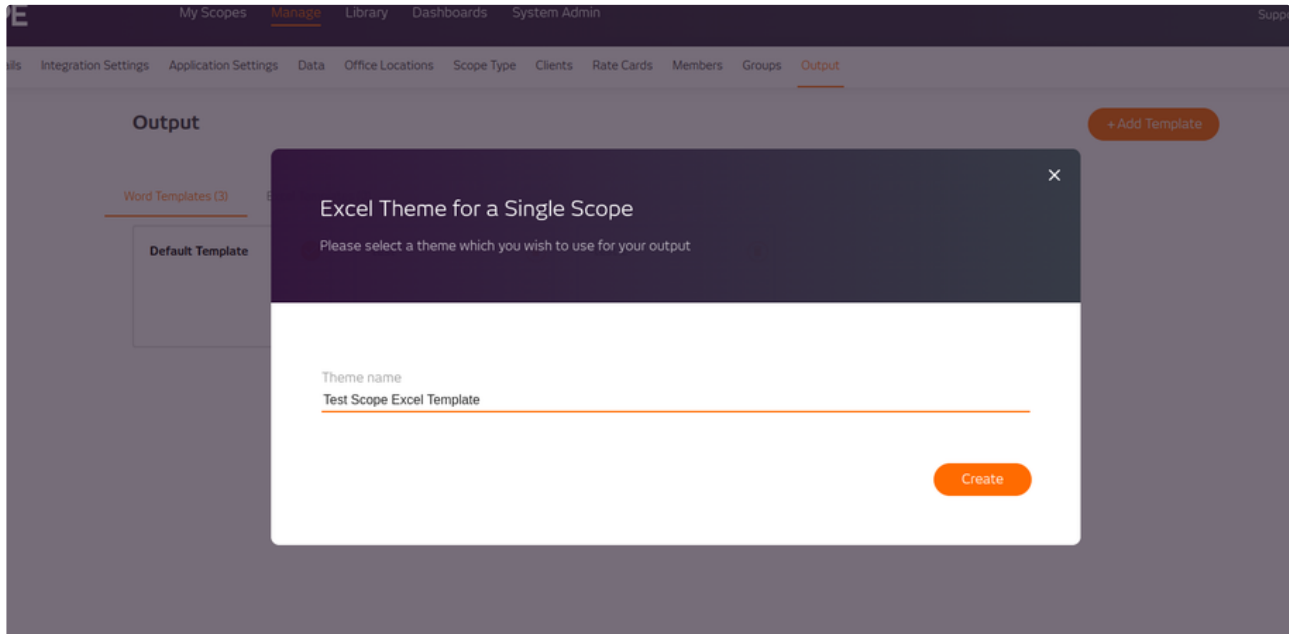Type in cell B2 expression **${scope.clientName}**

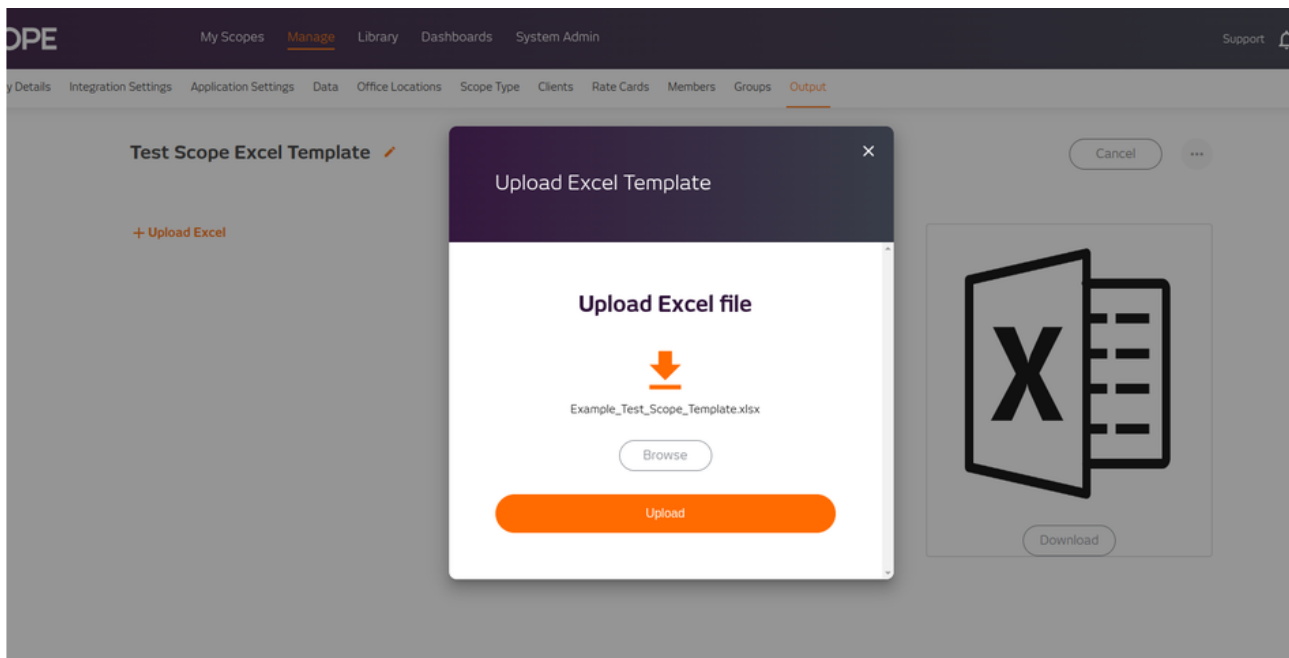5. Define a loop of scope's deliverables. Loop is defined with the pre-defined jxls comment **jx:each**

Define a new comment in cell A4 - **jx:each(items="scope.deliverables", var="deliverable", lastCell="E4")**

Now the cells between A4 to E4 are a loop over all deliverables. JXLS will print out several rows in vertical direction, depending on the count of deliverables.

deliverable is OutputTemplateDeliverable object type.

You can define **${deliverable.name}** in cell A4 and **${deliverable.description}** in cell B4.

6. Go to Scope and create a new Scope Excel Template.

Go to **Manage** → go to **Output** → click on **Add Template** → click on **Scope Excel Template**

Type a name, then click **Create** button.

Then open the template and upload the Xlsx file, that was already created in the previous steps.

Click **Upload** button. Now the xlsx template is successfully uploaded in Scope. Next step is map this template with an existing client.

7. Go to **Manage**, go to **Clients**, then choose a client and click on it.

Go to **Scope Output excel** field and click, then select the "Test Scope Excel Template" from the drop down menu.

8. Create a Single Scope with same client.

Create at least one deliverable.

9. Go to **Output** → go to **Excel Template**.

Click **Preview** button

Output

Word Template   Excel Template

TEMPLATE: Test Scope Excel Template   Preview

10. Download the file and open it with Excel.

	A	B	C	D	E	F
1						
2	scope 123 456	Air France				
3						
4	del 456	This is del 456				
5	del 123	this is del 123				
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						