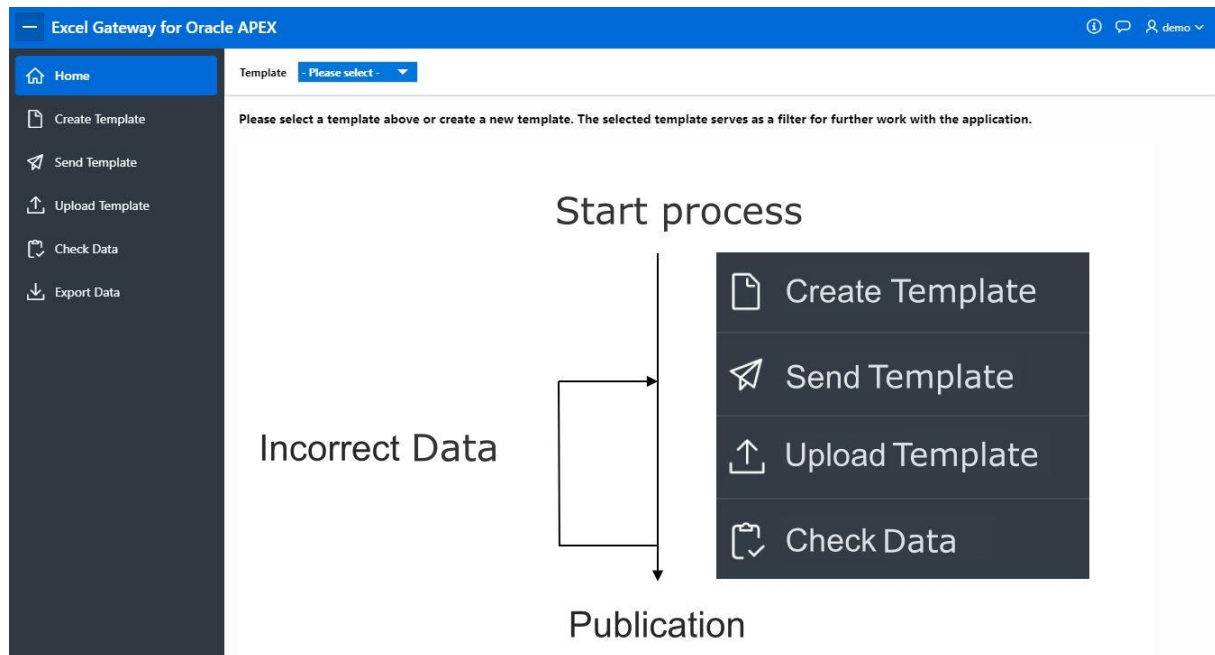


Excel Gateway for Oracle APEX



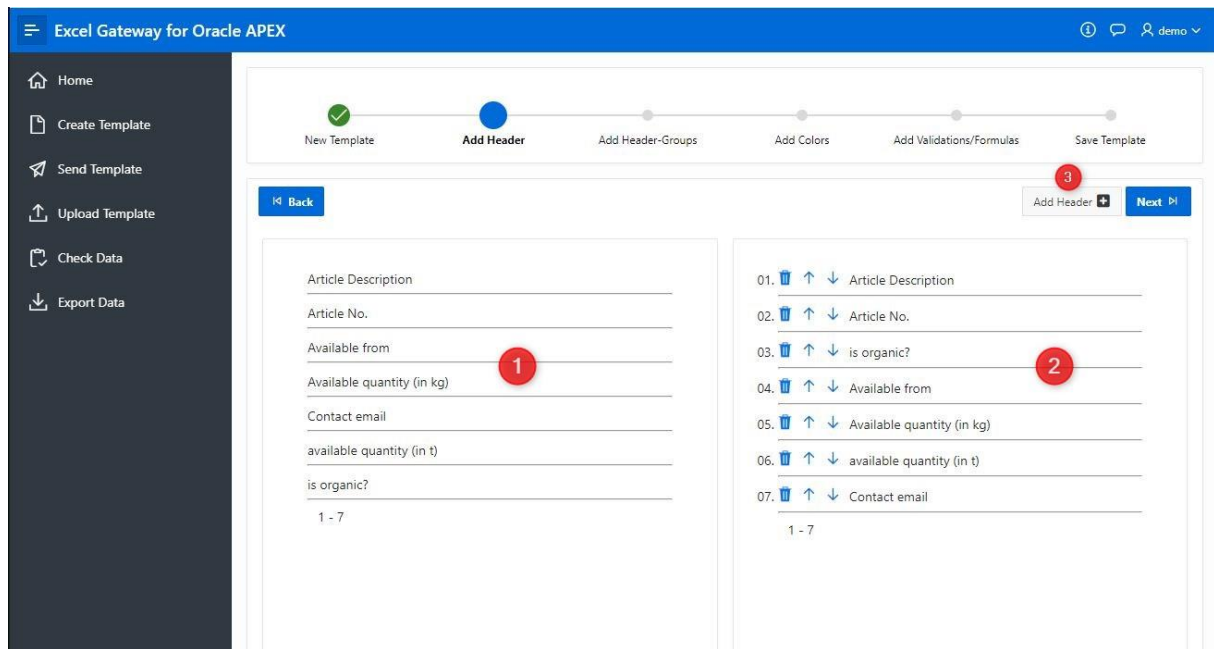
1. Create Template

First step is to create a new Excel template

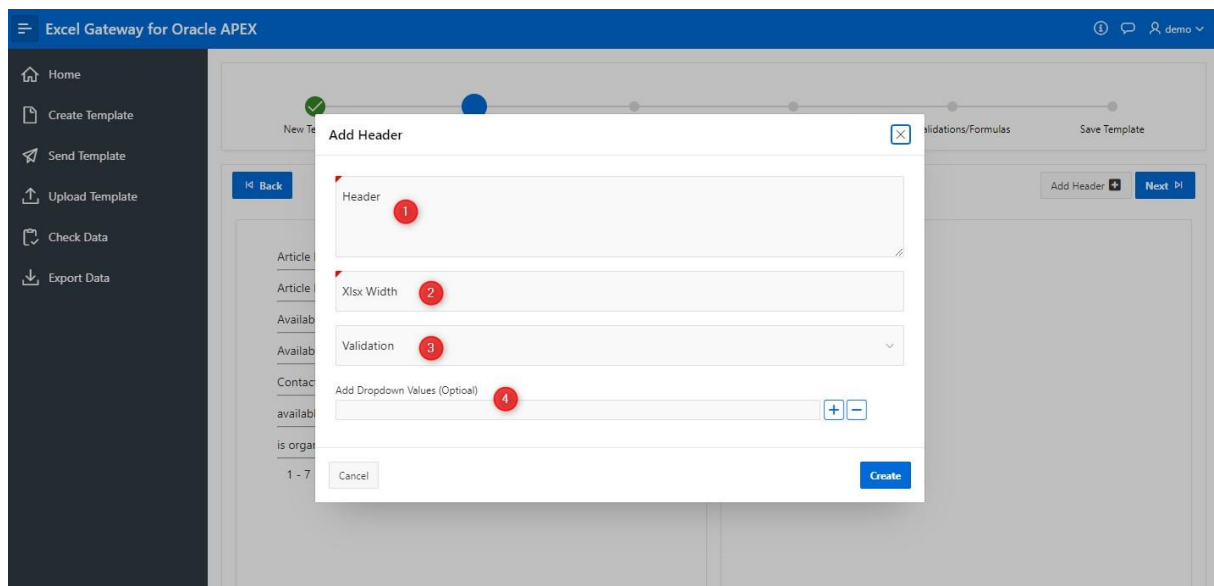
The screenshot shows the 'Create Template' wizard in the 'Excel Gateway for Oracle APEX' interface. The sidebar on the left has 'Create Template' highlighted with a red '1'. The main area displays a progress bar with six steps: 'New Template' (active), 'Add Header', 'Add Header-Groups', 'Add Colors', 'Add Validations/Formulas', and 'Save Template'. Below the progress bar, there are three input fields, each with a red number indicating the step number: '2' for 'Template Name' (containing 'Top Ten Articles'), '3' for 'Deadline (number of days to edit)' (containing '14'), and '4' for 'Number of maximum rows' (containing '10'). There are 'Reset' and 'Next' buttons. The footer shows 'Release 1.0 Built with ♥ using Oracle APEX'.

1. Click "Create Template" and follow the wizard
2. Give your template a unique name
3. Optional you can enter a deadline which is needed to calculate when the application will send reminders
4. And optional too, you can enter a maximum number of rows which indicates how many rows are available to the editor

Second step is to add column headings to the template



1. Drag and drop the titles from the left area (1) to the right (2)
Use the up or down arrows to change the order
The title can be deleted with the recycle bin
2. If you need new titles, click "Add Header" (3)



1. Enter the name of the title
2. Enter the width for the column in your Excel Spreadsheet
3. If the column in your table needs validation, choose one here (for example number, date, email...)
4. If you want the column shows a dropdown list, enter the values here

Next step is to add header-groups to the template (optional)

The screenshot shows the 'Excel Gateway for Oracle APEX' interface. The top navigation bar includes a menu icon, the title 'Excel Gateway for Oracle APEX', and user information 'demo'. The left sidebar contains links: Home, Create Template, Send Template, Upload Template, Check Data, and Export Data. The main content area features a progress bar with six steps: New Template, Add Header, Add Header-Groups (current step), Add Colors, Add Validations/Formulas, and Save Template. Below the progress bar is a table with columns 'Header' and 'Header-Group'. The table lists seven rows, with the first row 'Article Description' selected. A 'Back' button is on the left and an 'Add Header-Group' button with a '+' icon and a 'Next' button are on the right. The bottom status bar shows '1 rows selected' and 'Total 7'.

	Header	Header-Group
<input checked="" type="checkbox"/>	Article Description	Master-Data
<input type="checkbox"/>	Article No.	Master-Data
<input type="checkbox"/>	is organic?	Master-Data
<input type="checkbox"/>	Available from	Availability
<input type="checkbox"/>	Available quantity (in kg)	Availability
<input type="checkbox"/>	available quantity (in t)	Availability
<input type="checkbox"/>	Contact email	

1 rows selected Total 7

Choose a heading group for each column that needs merge cells
If you need new header-groups, click on "Add Header-Group" and create a new one
For this you have to enter the name, background and font color

The next step is to set the background and font color for the columns

The screenshot shows the 'Excel Gateway for Oracle APEX' interface at the 'Add Colors' step. The progress bar now highlights 'Add Colors' as the current step. The table has been updated with two new columns: 'Xlsx Font Color' and 'Xlsx Background Color'. Each row now has radio buttons for selecting colors. The 'Article Description' row is selected. The 'Back' button is on the left, and the 'Next' button is on the right. The bottom status bar remains '1 rows selected' and 'Total 7'.

	Header	Xlsx Font Color	Xlsx Background Color
<input checked="" type="checkbox"/>	Article Description	<input checked="" type="radio"/> #ffffff	<input checked="" type="radio"/> #0e85ff
<input type="checkbox"/>	Article No.	<input type="radio"/> #ffffff	<input checked="" type="radio"/> #0e85ff
<input type="checkbox"/>	is organic?	<input type="radio"/> #ffffff	<input checked="" type="radio"/> #0e85ff
<input type="checkbox"/>	Available from	<input type="radio"/> #ffffff	<input checked="" type="radio"/> #0b8d07
<input type="checkbox"/>	Available quantity (in kg)	<input type="radio"/> #ffffff	<input checked="" type="radio"/> #0b8d07
<input type="checkbox"/>	available quantity (in t)	<input type="radio"/> #ffffff	<input checked="" type="radio"/> #0b8d07
<input type="checkbox"/>	Contact email	<input type="radio"/> #ffffff	<input type="radio"/> #909090

1 rows selected Total 7

You can use the Color Picker for this

In the last step, formulas or min/max values can be set for the validations

The screenshot shows the 'Add Validations/Forms' step in the 'Excel Gateway for Oracle APEX' wizard. The progress bar at the top indicates that the previous steps (New Template, Add Header, Add Header-Groups, Add Colors) are completed, and the current step is active. The main area displays a table with 4 rows and 5 columns: Header, Validation, Formula1, and Formula2. The first row is selected, showing 'Article No.' as the header, 'Number' as the validation, and '1000' and '9999' as the formulas. The other rows show 'Available from' (Date), 'Available quantity (in kg)' (Number), and 'available quantity (in t)' (Formula). A 'Show Columns/Info' button is visible on the right.

	Header	Validation	Formula1	Formula2
<input checked="" type="checkbox"/>	Article No.	Number	1000	9999
<input type="checkbox"/>	Available from	Date	01.01.2022	31.12.2022
<input type="checkbox"/>	Available quantity (in kg)	Number		
<input type="checkbox"/>	available quantity (in t)	Formula	=SUM(E# / 1000)	

1 rows selected Total 4

For number or date validations, use Formula 1 as the minimum and Formula 2 as the maximum value.

If the validation is "Formula", enter the formula you need in Formula 1.

Click "Show Columns/Info" for more details and examples.

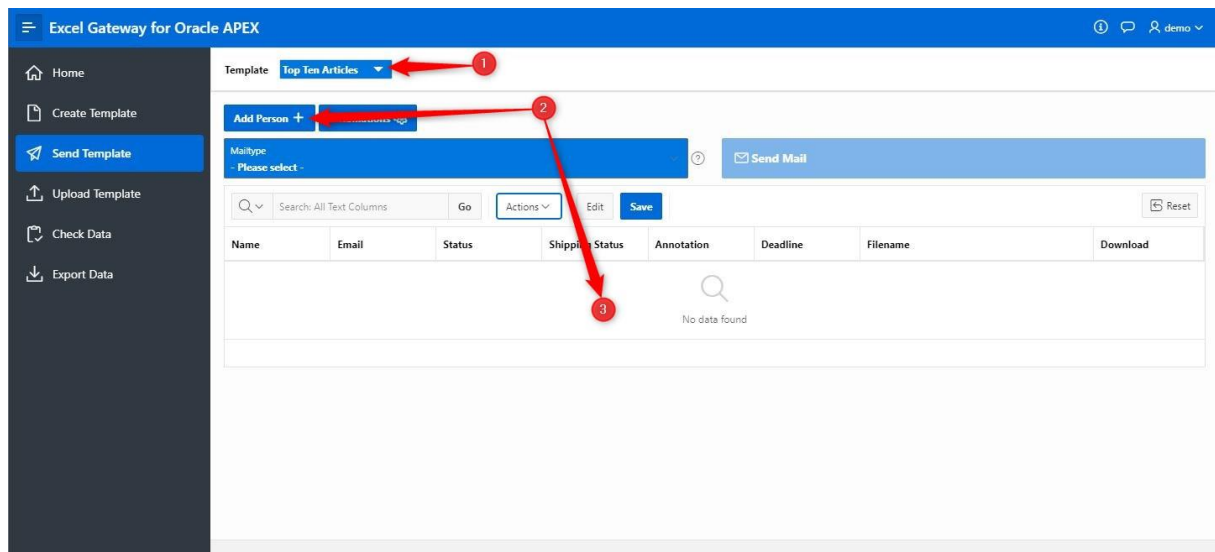
Finally, you get an overview. Click "Save Template" to create.

The screenshot shows the 'Save Template' step in the 'Excel Gateway for Oracle APEX' wizard. The progress bar at the top indicates that all previous steps are completed, and the current step is active. The main area displays a form with fields for 'Template Name' (Top Ten Article), 'Deadline' (14), and 'Number Of Rows' (10). Below the form is a table with 7 columns: Column, Header, Header-Group, Xlsx Font Color, Xlsx Background Color, Formula1, and Formula2. The table contains 7 rows of data, including 'Article Description', 'Article No.', 'is organic?', 'Available from', 'Available quantity (in kg)', 'available quantity (in t)', and 'Contact email'. A 'Save Template' button is visible on the right.

Column	Header	Header-Group	Xlsx Font Color	Xlsx Background Color	Formula1	Formula2
1	Article Description	Master-Data	#ffffff	#0e85ff		
2	Article No.	Master-Data	#ffffff	#0e85ff	1000	9999
3	is organic?	Master-Data	#ffffff	#0e85ff		
4	Available from	Availability	#ffffff	#0b8d07	01.01.2022	31.12.2022
5	Available quantity (in kg)	Availability	#ffffff	#0b8d07		
6	available quantity (in t)	Availability	#ffffff	#0b8d07	=SUM(E# / 1000)	
7	Contact email		#ffffff	#909090		

1 rows selected Total 7

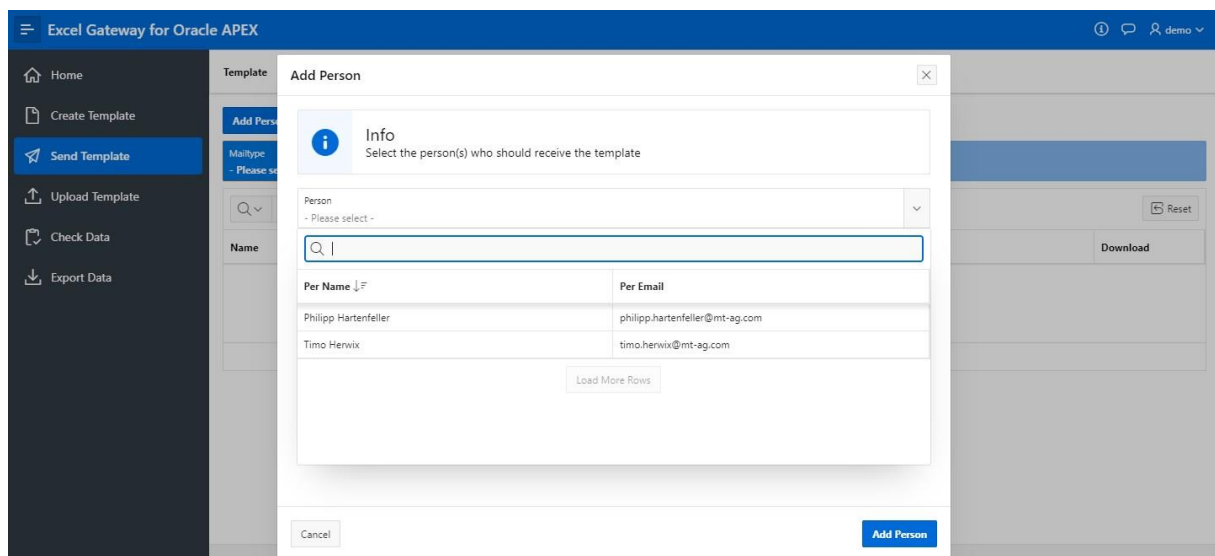
2. Send Template



First of all the template has to be selected (1).

Next, person(s) need to be added (2). All person(s) involved in the process are listed in the grid (3).

If you want to add person(s), click on "Add Person" and select the person(s) in the modal dialog.



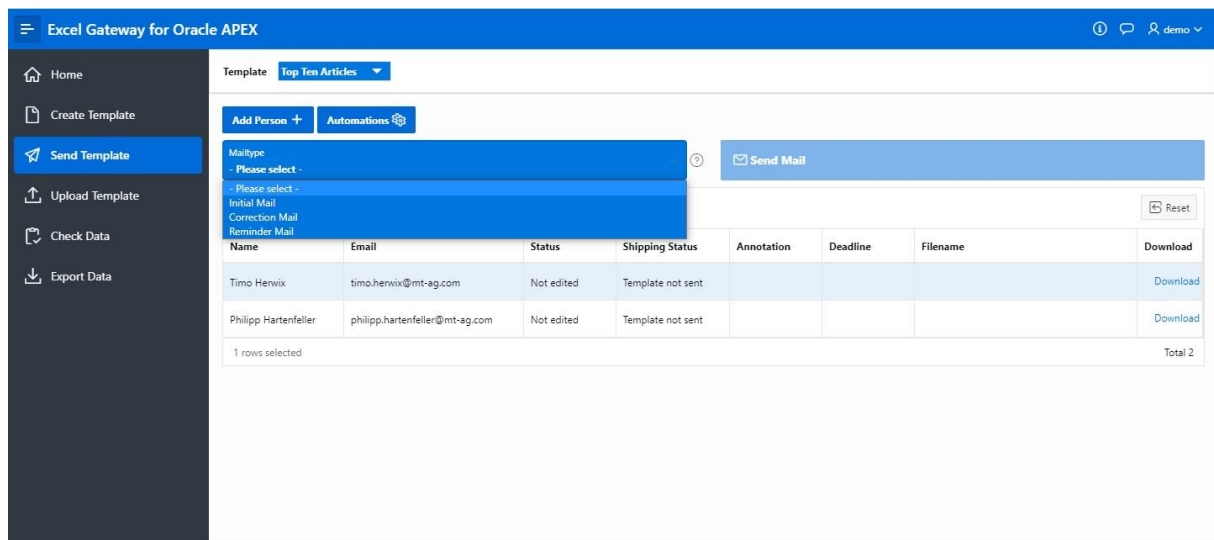
Click "Add Person" to continue.

Now all persons involved in the process are displayed and the template can be sent by email.

To do this, a mailtype must be selected first.

There are three different types:

1. Initial Mail - all templates that have not yet been sent and processed
2. Correction Mail - all templates where corrections must be made
3. Reminder Mail - all templates where the deadline has passed



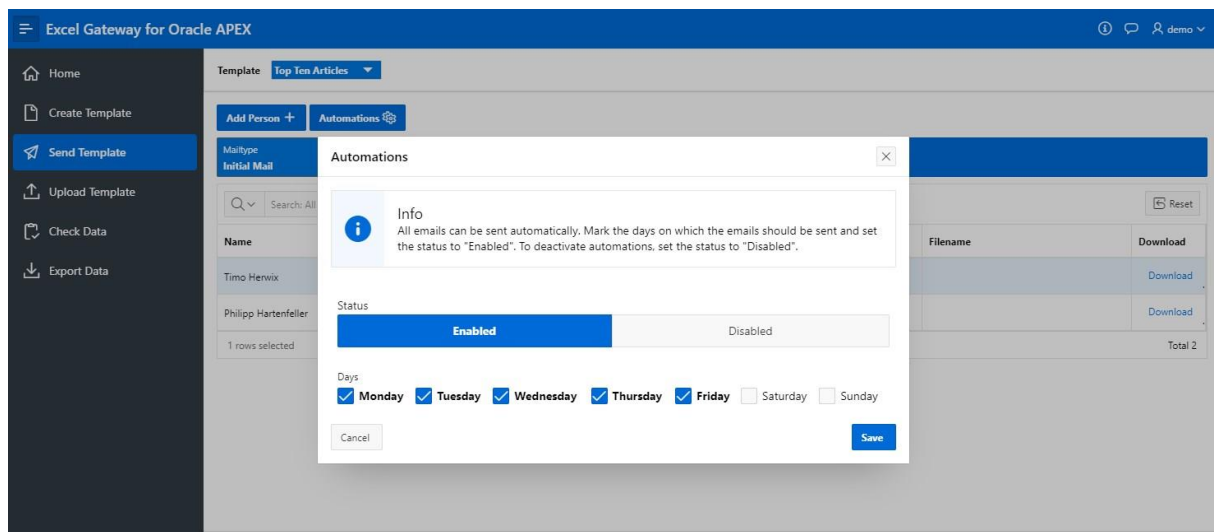
When a selection is made, the grid is always updated and only the affected recipients are displayed.

For example, the initial email can be sent only once a time and a reminder can be sent only when the deadline is exceeded.

So first select "Initial Mail" and then click "Send Mail" to send everyone the initial email with the selected template.

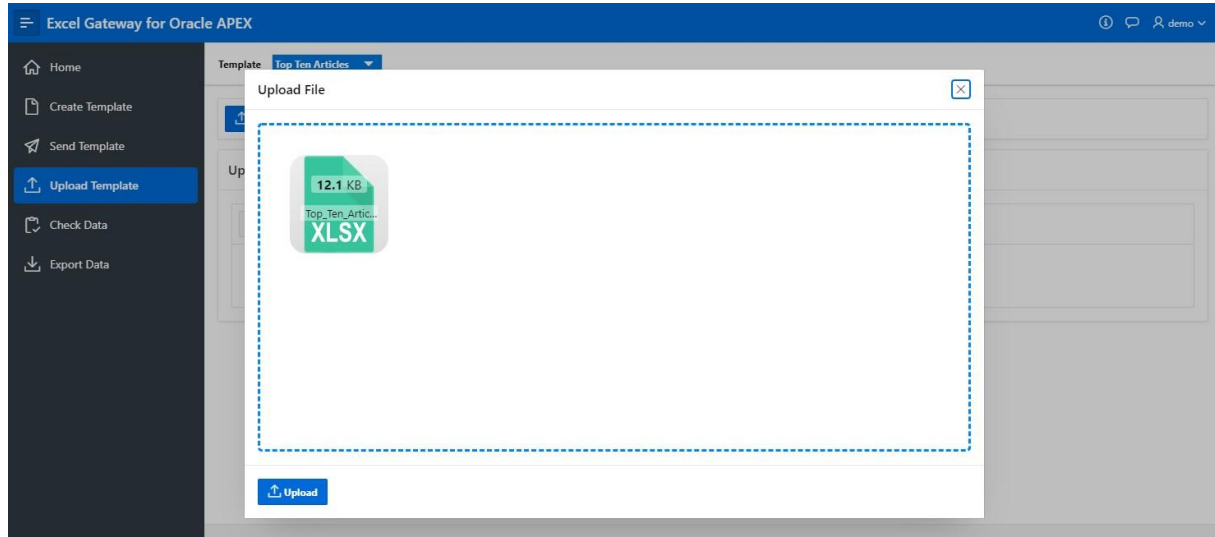
All available emails can also be sent automatically.

To do this, click on "Automations". The dialog shows how the status of the automation is and on which days it should be sent if the function is enabled.



3. Upload Template

After sending e-mails, the recipient must fill them out and send them back. To upload the finished template, navigate to "Upload template" in the navigation menu and click "Upload".



Note: If something should fail during the upload, you can check the error log to find out what the problem is.

4. Check Data

If the upload was successful, the data can be checked.
To do this, navigate to "Check data" and select the one to be checked.

Excel Gateway for Oracle APEX

Template: Top Ten Articles

Search: All Text Columns Go Actions Edit Save Reset

Edit	Person	Status	Count Answers	Deadline	Annotation	Internal Note
<input type="checkbox"/>	Philipp Hartenfeller	Not edited	0			
<input checked="" type="checkbox"/>	Timo Herwig	In processing	10			

1 rows selected Total 2

click here for more Details

This example shows data without errors that were detected by the application via the previously defined validations.

Excel Gateway for Oracle APEX

Template: Top Ten Articles

Provide correction

Timo Herwig

Search: All Text Columns Go Actions Edit Save Add Row Reset

Faulty	Validation	Annotation	Article Description	Article No.	Is organic?	Available from	Available quantity (in kg)	available quantity (in t)	Contact email
<input checked="" type="checkbox"/>			Soy Milk	1234	no	2022-01-01	50000	50	manfred.mustermann@muster.de
<input type="checkbox"/>			Oat Milk	1235	no	2022-02-01	10000	10	manfred.mustermann@muster.de
<input type="checkbox"/>			Milk 3,5%	1236	no	2022-03-01	100000	100	manfred.mustermann@muster.de
<input type="checkbox"/>			Milk 1,5%	1237	no	2022-04-01	100000	100	manfred.mustermann@muster.de
<input type="checkbox"/>			Almond Milk	1238	yes	2022-05-01	1000	1	manfred.mustermann@muster.de
<input type="checkbox"/>			Haselnut Milk	1122	yes	2022-06-01	1000	1	manfred.mustermann@muster.de
<input type="checkbox"/>			Cashew Milk	1133	yes	2022-07-01	1000	1	manfred.mustermann@muster.de
<input type="checkbox"/>			Coconut Milk	1144	yes	2022-08-01	5000	5	manfred.mustermann@muster.de
<input type="checkbox"/>			Soy Milk - No Sugar	1155	no	2022-09-01	35000	35	manfred.mustermann@muster.de
<input type="checkbox"/>			Rice Milk	1166	no	2022-10-01	99999	99.99	manfred.mustermann@muster.de

1 rows selected Total 10

If incorrect data were detected by the application, this is displayed in the "Validation" column.

For example, an incorrect email address was detected here.

5. Publication / Export Data

All data are displayed here and are available for download. Alternatively, interactive reporting can be done here.

Excel Gateway for Oracle APEX

ⓘ ⚙️ 👤 demo

Home

Create Template

Send Template

Upload Template

Check Data

Export Data

Template

Top Ten Articles

Search: All Text Columns

Go

Actions

Reset

Article Description	Article No.	is organic?	Available from	Available quantity (in kg)	available quantity (in t)	Contact email
Soy Milk	1234	no	2022-01-01	50000	50	manfred.mustermann@muster.de
Oat Milk	1235	no	2022-02-01	10000	10	manfred.mustermann@muster.de
Milk 3,5%	1236	no	2022-03-01	100000	100	manfred.mustermann@muster.de
Milk 1,5%	1237	no	2022-04-01	100000	100	manfred.mustermann@muster.de
Almond Milk	1238	yes	2022-05-01	1000	1	manfred.mustermann@muster.de
Haselnut Milk	1122	yes	2022-06-01	1000	1	manfred.mustermann@muster.de
Cashew Milk	1133	yes	2022-07-01	1000	1	manfred.mustermann@muster.de
Coconut Milk	1144	yes	2022-08-01	5000	5	manfred.mustermann@muster.de
Soy Milk - No Sugar	1155	no	2022-09-01	35000	35	manfred.mustermann@muster.de
Rice Milk	1166	no	2022-10-01	99999	99.99	manfred.mustermann@muster.de
						Total 10

Download