**Khai báo UIComponent:**

<?xml version="1.0" encoding="UTF-8"?>

<listing xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="urn:magento:module:Magento\_Ui:etc/ui\_configuration.xsd">

.....

</listing>

**Thiết lập cơ bản:**

<argument name="data" xsi:type="array">

<item name="js\_config" xsi:type="array">

<item name="provider" xsi:type="string">**{file\_name}.{file\_name}**\_data\_source</item>

<item name="deps" xsi:type="string">**{file\_name}.{file\_name}**\_data\_source</item>

</item>

</argument>

**Chèn Datasource**

<dataSource name="staff\_listing\_data\_source">

<argument name="dataProvider" xsi:type="configurableObject">

<argument name="class" xsi:type="string">Magento\Cms\Ui\Component\DataProvider</argument>

<argument name="name" xsi:type="string">**{file\_name}**\_data\_source</argument>

<argument name="primaryFieldName" xsi:type="string">**{table\_id}**</argument>

<argument name="requestFieldName" xsi:type="string">**{request\_id}**</argument>

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="component" xsi:type="string">Magento\_Ui/js/grid/provider</item>

<item name="update\_url" xsi:type="url" path="mui/index/render"/>

<item name="storageConfig" xsi:type="array">

<item name="indexField" xsi:type="string">**{table\_id}**</item>

</item>

</item>

</argument>

</argument>

</dataSource>

**Thêm nút và chỉ định cột:**

<item name="spinner" xsi:type="string">**{table}**\_columns</item>

<item name="buttons" xsi:type="array">

<item name="add" xsi:type="array">

<item name="name" xsi:type="string">add</item>

<item name="label" xsi:type="string" translate="true">Add New Staff</item>

<item name="class" xsi:type="string">primary</item>

<item name="url" xsi:type="string">\*/\*/add</item>

</item>

</item>

**Thiết lập file di.xml**

<?xml version="1.0"?>

<config xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="urn:magento:framework:ObjectManager/etc/config.xsd">

<type name="Magento\Framework\View\Element\UiComponent\DataProvider\CollectionFactory">

<arguments>

<argument name="collections" xsi:type="array">

<item name="**{file\_name}**\_data\_source" xsi:type="string">**{Vendor\Module}**\Model\ResourceModel\**{Model}**\Grid\Collection</item>

</argument>

</arguments>

</type>

<virtualType name="**{Vendor\Module}\**Model\ResourceModel**\{Model}\**Grid\Collection" type="Magento\Framework\View\Element\UiComponent\DataProvider\SearchResult">

<arguments>

<argument name="mainTable" xsi:type="string">**{table\_name}**</argument>

<argument name="resourceModel" xsi:type="string">**{Vendor\Module}**\Model\ResourceModel\**{Model}**</argument>

</arguments>

</virtualType>

</config>

**Tạo các columns:**

<columns name="**{table}**\_columns">

<column name="id">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="filter" xsi:type="string">text</item>

<item name="sorting" xsi:type="string">asc</item>

<item name="label" xsi:type="string" translate="true">ID</item>

</item>

</argument>

</column>

</columns>

**Tạo code checkbox:**

<selectionsColumn name="ids">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="resizeEnabled" xsi:type="boolean">false</item>

<item name="resizeDefaultWidth" xsi:type="string">55</item>

<item name="indexField" xsi:type="string">id</item>

</item>

</argument>

</selectionsColumn>

**Thiết lập Container:**

<container name="listing\_top">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="template" xsi:type="string">ui/grid/toolbar</item>

</item>

</argument>

<bookmark name="bookmarks">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="component" xsi:type="string">Magento\_Ui/js/grid/controls/bookmarks/bookmarks</item>

<item name="displayArea" xsi:type="string">dataGridActions</item>

<item name="storageConfig" xsi:type="array">

<item name="saveUrl" xsi:type="url" path="mui/bookmark/save"/>

<item name="deleteUrl" xsi:type="url" path="mui/bookmark/delete"/>

<item name="namespace" xsi:type="string">**{file\_name}**</item>

</item>

</item>

</argument>

</bookmark>

<container name="columns\_controls">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="columnsData" xsi:type="array">

<item name="provider" xsi:type="string">**{file\_name}.{file\_name}.{table}**\_columns</item>

</item>

<item name="component" xsi:type="string">Magento\_Ui/js/grid/controls/columns</item>

<item name="displayArea" xsi:type="string">dataGridActions</item>

</item>

</argument>

</container>

</container>

**Ẩn hiện cột checkbox:**

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="storageConfig" xsi:type="array">

<item name="provider" xsi:type="string">**{file\_name}.{file\_name}**.listing\_top.bookmarks</item>

<item name="namespace" xsi:type="string">current</item>

</item>

<item name="childDefaults" xsi:type="array">

<item name="controlVisibility" xsi:type="boolean">true</item>

<!-- Bookmarks behaviour -->

<item name="storageConfig" xsi:type="array">

<item name="provider" xsi:type="string">**{file\_name}.{file\_name}**.listing\_top.bookmarks</item>

<item name="root" xsi:type="string">columns.${ $.index }</item>

<item name="namespace" xsi:type="string">current.${ $.storageConfig.root}</item>

</item>

</item>

</item>

</argument>

**Thao tác xử lý nhiều record:**

<massaction name="listing\_massaction">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="selectProvider" xsi:type="string">**{file\_name}.{file\_name}.{table}**\_columns.ids</item>

<item name="indexField" xsi:type="string">**{table\_id}**</item>

</item>

</argument>

<action name="delete">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="type" xsi:type="string">delete</item>

<item name="label" xsi:type="string" translate="true">Delete</item>

<item name="url" xsi:type="url" path="**{module}/{controller}**/massDelete"/>

<item name="confirm" xsi:type="array">

<item name="title" xsi:type="string" translate="true">Delete items</item>

<item name="message" xsi:type="string" translate="true">Are you sure you wan't to delete selected items?</item>

</item>

</item>

</argument>

</action>

<action name="enable">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="type" xsi:type="string">enable</item>

<item name="label" xsi:type="string" translate="true">Status - Enable</item>

<item name="url" xsi:type="url" path="**{module}/{controller}**/massEnable"/>

</item>

</argument>

</action>

<action name="disable">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="type" xsi:type="string">disable</item>

<item name="label" xsi:type="string" translate="true">Status - Disable</item>

<item name="url" xsi:type="url" path="**{module}/{controller}**/massDisable"/>

</item>

</argument>

</action>

</massaction>

**Thao tác phân trang dữ liệu:**

<paging name="listing\_paging">

<argument name="data" xsi:type="array">

<item name="config" xsi:type="array">

<item name="storageConfig" xsi:type="array">

<item name="provider" xsi:type="string">**{file\_name}.{file\_name}**.listing\_top.bookmarks</item>

<item name="namespace" xsi:type="string">current.paging</item>

</item>

<item name="selectProvider" xsi:type="string">**{file\_name}.{file\_name}**.**{table}**\_columns.ids</item>

<item name="displayArea" xsi:type="string">bottom</item>

</item>

</argument>

</paging>