

AML Task

Question 1 - To change the data type of the Property Hostel name.

- The data type of property hostel_name in string

The screenshot shows the Aras Innovator web application. The left sidebar contains navigation options: 'ItemTypes', 'Create New ItemType', 'Search ItemTypes', and 'Quick Search'. The main area displays the 'Properties' tab for the 'sg_hostel' item type. A table lists various properties with their labels, data types, and other attributes. The 'hostel_name' property is highlighted in yellow.

| Name | Label | Data Type | Data Source [...] | Le... | Pr... | Sc... | Req... | Unl... | Inde... | Fed... | Hid... | Hid... | Align... | Width | Sort O... |
|---------------|-------------|-----------|-------------------|-------|-------|-------|--------|--------|---------|--------|--------|--------|----------|-------|-----------|
| cls | | Text | | | | | | | | | | | Left | | 2304 |
| current_state | | Item | Life Cycle State | | | | | | | | | | Left | | 1280 |
| generation | | Integer | | | | | | | | | | | Left | | 2432 |
| hostel_mess | Hostel Mess | Text | | | | | | | | | | | Left | | 3200 |
| hostel_name | Hostel Name | String | | 32 | | | | | | | | | Left | | 3072 |
| id | | Item | sg_hostel | | | | | | | | | | Left | | 384 |
| is_current | | Boolean | | | | | | | | | | | Left | | 1664 |
| is_released | Released | Boolean | | | | | | | | | | | Left | | 2048 |
| keyed_name | | String | | 128 | | | | | | | | | Left | | 256 |

- The data type of property hostel_name is changed to text

The screenshot shows the Aras Innovator web application after the data type change. The 'hostel_name' property is now listed with a data type of 'Text' instead of 'String'.

| Name | Label | Data Type | Data Source [...] | Le... | Pr... | Sc... | Req... | Unl... | Inde... | Fed... | Hid... | Hid... | Align... | Width | Sort O... |
|---------------|-------------|-----------|-------------------|-------|-------|-------|--------|--------|---------|--------|--------|--------|----------|-------|-----------|
| cls | | Text | | | | | | | | | | | Left | | 2304 |
| current_state | | Item | Life Cycle State | | | | | | | | | | Left | | 1280 |
| generation | | Integer | | | | | | | | | | | Left | | 2432 |
| hostel_mess | Hostel Mess | Text | | | | | | | | | | | Left | | 3200 |
| hostel_name | Hostel Name | Text | | 32 | | | | | | | | | Left | | 3072 |
| id | | Item | sg_hostel | | | | | | | | | | Left | | 384 |
| is_current | | Boolean | | | | | | | | | | | Left | | 1664 |
| is_released | Released | Boolean | | | | | | | | | | | Left | | 2048 |
| keyed_name | | String | | 128 | | | | | | | | | Left | | 256 |

- Query to change the data type.

The screenshot shows the Aras Innovator web application interface. At the top, there are tabs for 'localhost/InnovatorServer/Client/X-salt=std_14.0.9.36244-X/scripts/nash.aspx'. Below the tabs, there is a login section with fields for 'User' (admin), 'Password' (masked), and 'Database' (InnovatorSolutions). There are also fields for 'TimeZone' (Eastern Standard Time) and 'Culture' (en-US - English (United States)), along with a 'Login' button. Below the login section, there is an 'Action' dropdown set to 'ApplyAML' and a 'Server' dropdown set to 'http://localhost/InnovatorServer/Server/InnovatorServer.aspx'. The main area contains an XML editor with the following content:

```
<AML>
<Item type="Item" type="edit" id="A433A601C07441AB97643C09AE976B52" select="Relationships">
  <Relationships>
    <Item type="Property" action="edit" id="0215BAD7144C49E28075D2C254E782">
      <data_type>text</data_type>
    </Item>
  </Relationships>
</Item>
</AML>
```

Below the XML editor, there are 'Submit' and 'Clear' buttons. At the bottom, there is a 'Run time, sec: 0.304' and a 'Result: read' section. The result section shows a SOAP-ENV:Envelope with a SOAP-ENV:Body containing a Result section with an Item type="Item" type="edit" id="A433A601C07441AB97643C09AE976B52" select="Relationships". The result also shows the XML content of the relationship, including the data_type change from 'text' to 'text'.

- And output of changed data type

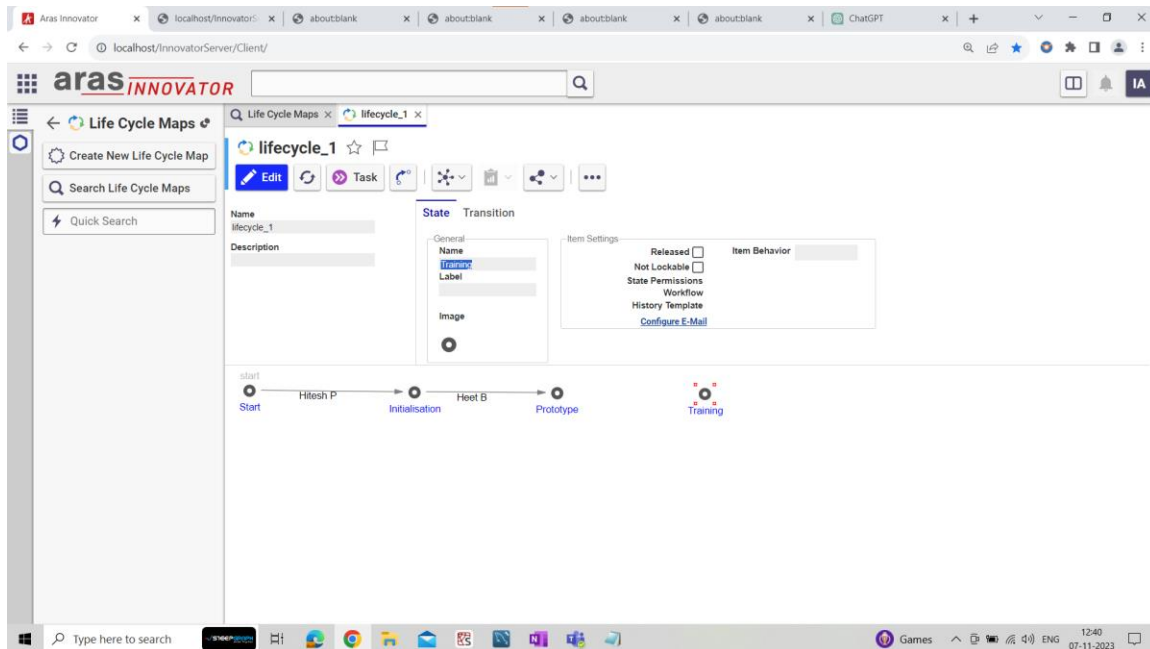
The screenshot shows the Aras Innovator web application interface. At the top, there are tabs for 'localhost/InnovatorServer/Client/X-salt=std_14.0.9.36244-X/scripts/nash.aspx'. Below the tabs, there is a login section with fields for 'User' (admin), 'Password' (masked), and 'Database' (InnovatorSolutions). There are also fields for 'TimeZone' (Eastern Standard Time) and 'Culture' (en-US - English (United States)), along with a 'Login' button. Below the login section, there is an 'Action' dropdown set to 'ApplyAML' and a 'Server' dropdown set to 'http://localhost/InnovatorServer/Server/InnovatorServer.aspx'. The main area contains an XML editor with the following content:

```
<SOAP-ENV:Envelope>
  <SOAP-ENV:Body>
    <Result>
      <Item type="Item" type="edit" id="A433A601C07441AB97643C09AE976B52" select="Relationships">
        <Relationships>
          <Item type="Property" action="edit" id="0215BAD7144C49E28075D2C254E782">
            <data_type>text</data_type>
          </Item>
        </Relationships>
      </Item>
    </Result>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

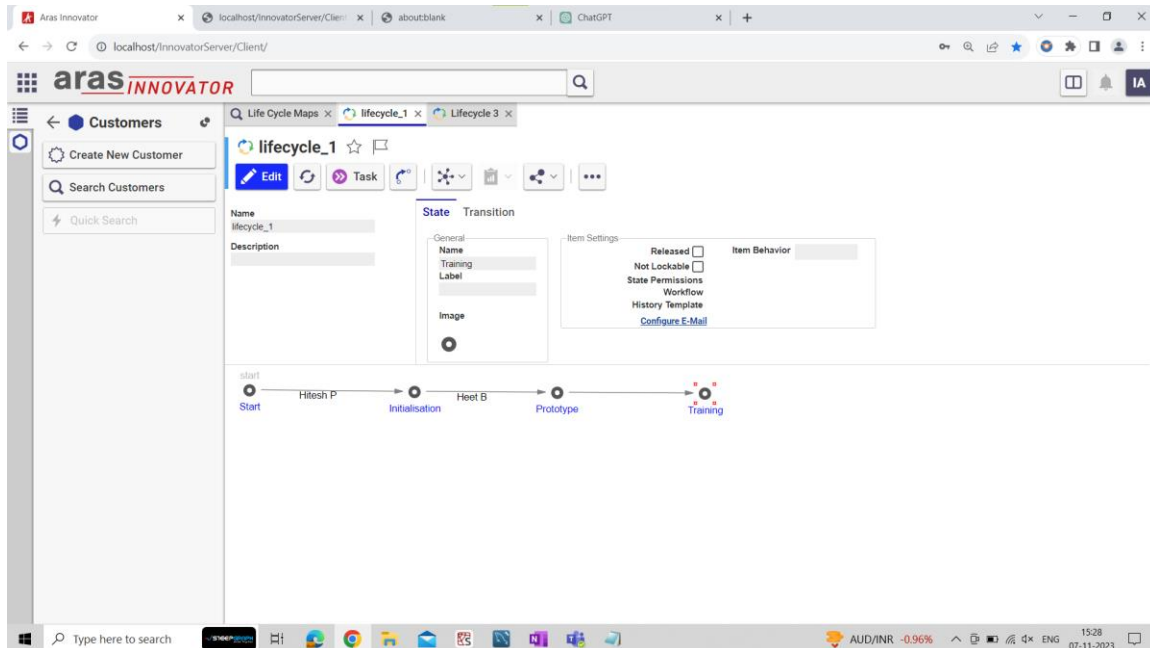
Below the XML editor, there are 'Submit' and 'Clear' buttons. At the bottom, there is a 'Run time, sec: 0.304' and a 'Result: read' section. The result section shows a SOAP-ENV:Envelope with a SOAP-ENV:Body containing a Result section with an Item type="Item" type="edit" id="A433A601C07441AB97643C09AE976B52" select="Relationships". The result also shows the XML content of the relationship, including the data_type change from 'text' to 'text'.

Question 2 - To add deleted Transition between two state.

- To add transition between prototype and training



- Transition added between prototype and training



- Query to add transition

Aras Innovator x localhost/InnovatorServer/Client/ X aboutblank x ChatGPT x +

localhost/InnovatorServer/Client/X-salt=std_14.0.9.36244-X/scripts/nash.aspx

User: Password: Database:

Password Hash Algorithm: ☒ MD5 ☐ SHA256

TimeZone: Culture:

Action: Server:

XML:

```
<AML>
<Item type="Life Cycle Map" action="edit" id="13F1325F6B0459899923BD4B604FB2B">
<Relationships>
<Item type="Life Cycle Transition" action="add">
<from_state>F75E435BAF90473293A1FEB388CD0E70</from_state>
<to_state>EB75C4D664874C7E839B75FFFF7EF946</to_state>
</Item>
</Relationships>
</Item>
</AML>
```

Run time, sec: 0.154 Result: read

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"><SOAP-ENV:Body><Result><Item type="Life Cycle Map" typeId="AC32527D85604A4D9FC9107C516AEF47" id="13F1325F6B0459899923BD4B604FB2B">
<config_id keyed_name="lifecycle_1" type="Life Cycle Map">13F1325F6B0459899923BD4B604FB2B</config_id>
<created_by_id keyed_name="Innovator Admin" type="User">30B991F927274FA3829655F50C99472E</created_by_id>
<created_on>2023-10-11T09:02:03</created_on><generation>1</generation><id keyed_name="lifecycle_1" type="Life Cycle Map">13F1325F6B0459899923BD4B604FB2B</id><is_current>1</is_current><is_released>0</is_released>
<keyed_name>lifecycle_1</keyed_name><major_rev>A</major_rev><modified_by_id keyed_name="Innovator Admin" type="User">30B991F927274FA3829655F50C99472E</modified_by_id><modified_on>2023-11-07T04:57:34</modified_on>
<new_version>1</new_version><not_lockable>0</not_lockable><permission_id keyed_name="Life Cycle Map" type="Permission" origPermission="6C082E8B8F524B79B12ADFFCB8252967">6C082E8B8F524B79B12ADFFCB8252967</permission_id>
<start_state keyed_name="Start" type="Life Cycle State">DBF65304F3F842A0B1C266565D24CF51</start_state>
<name>lifecycle_1</name></Item></Result><Message><event name="ids_modified" value="13F1325F6B0459899923BD4B604FB2B"/></Message></SOAP-ENV:Body></SOAP-ENV:Envelope>
```

- Output of added transition

Aras Innovator x localhost/InnovatorServer/Client/ X aboutblank x aboutblank x ChatGPT x +

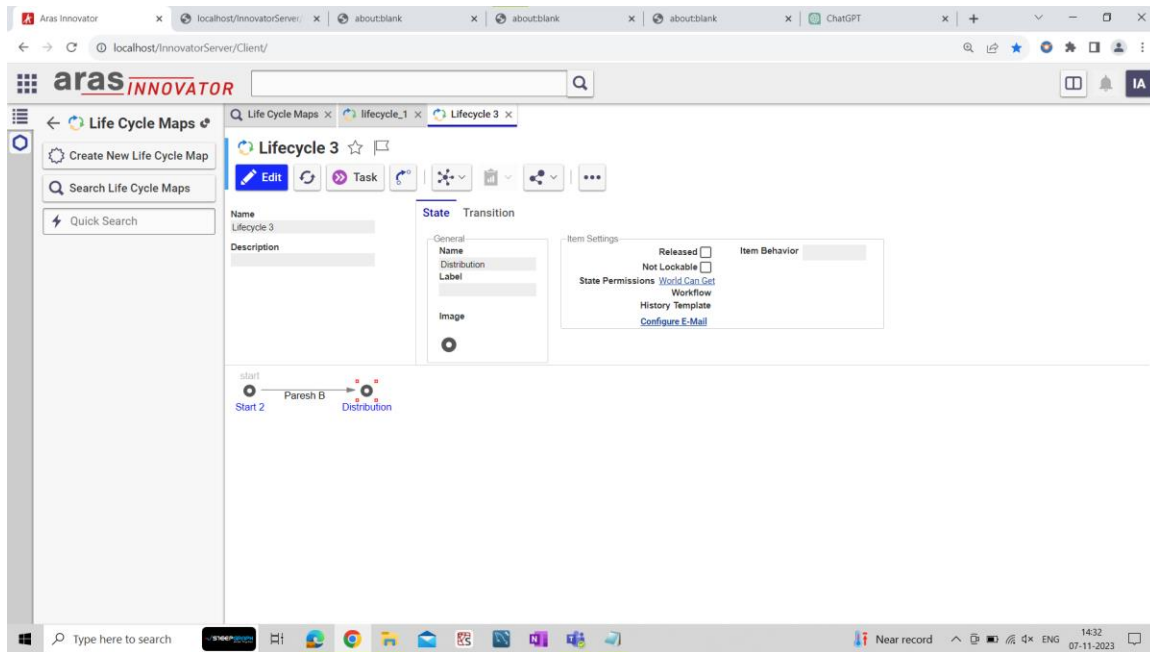
aboutblank

```
<SOAP-ENV:Envelope>
<SOAP-ENV:Body>
<Result>
<Item type="Life Cycle Map" typeId="AC32527D85604A4D9FC9107C516AEF47" id="13F1325F6B0459899923BD4B604FB2B">
<config_id keyed_name="lifecycle_1" type="Life Cycle Map">13F1325F6B0459899923BD4B604FB2B</config_id>
<created_by_id keyed_name="Innovator Admin" type="User">30B991F927274FA3829655F50C99472E</created_by_id>
<created_on>2023-10-11T09:02:03</created_on>
<generation>1</generation>
<id keyed_name="lifecycle_1" type="Life Cycle Map">13F1325F6B0459899923BD4B604FB2B</id>
<is_current>1</is_current>
<is_released>0</is_released>
<keyed_name="lifecycle_1" keyed_name>
<major_rev>A</major_rev>
<modified_by_id keyed_name="Innovator Admin" type="User">30B991F927274FA3829655F50C99472E</modified_by_id>
<modified_on>2023-11-07T04:57:34</modified_on>
<new_version>1</new_version>
<not_lockable>0</not_lockable>
<permission_id keyed_name="Life Cycle Map" type="Permission" origPermission="6C082E8B8F524B79B12ADFFCB8252967">6C082E8B8F524B79B12ADFFCB8252967</permission_id>
<start_state keyed_name="Start" type="Life Cycle State">DBF65304F3F842A0B1C266565D24CF51</start_state>
<name="lifecycle_1" name>
</Item>
</Result>
<Message>
<event name="ids_modified" value="13F1325F6B0459899923BD4B604FB2B"/>
</Message>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

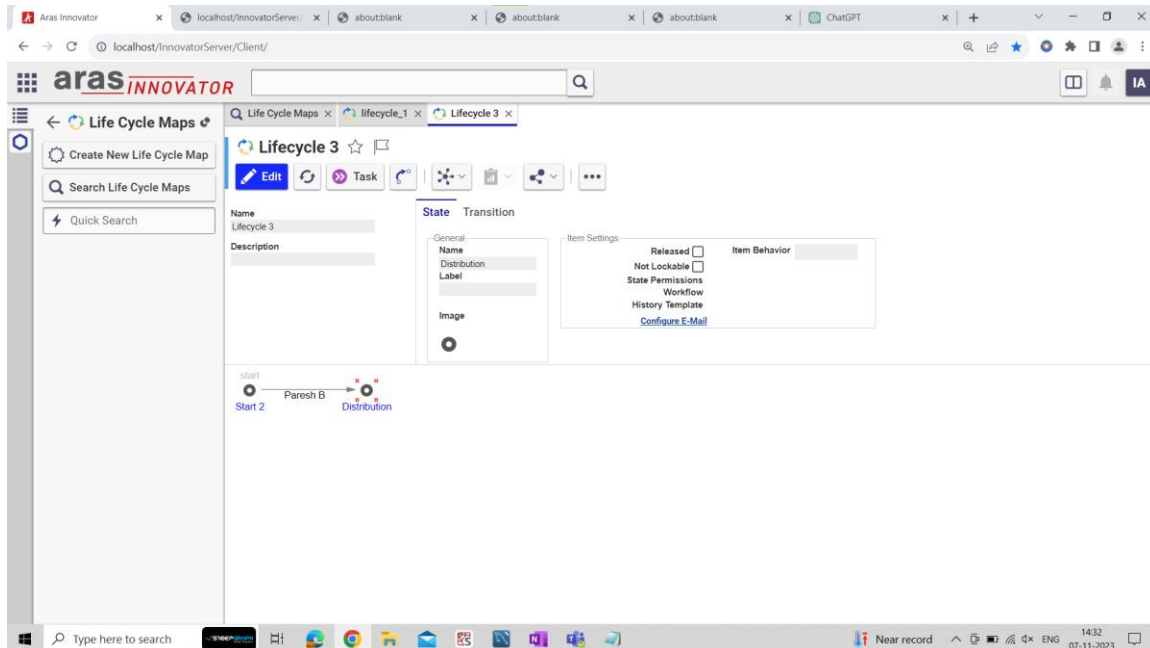
31°C Partly sunny 15:29 07-11-2023

Question 3 - To Remove Permission of state in Lifecycle.

- Permission of Distribution state is world can get



- Permission of Distribution state is removed



- Query to remove permission

- Output of Removed permission

Question 4 - To Check the Required Box for already existing property and set some default value then below that query remove the default value.

- Sg_Customer_Name default value is ABC

The screenshot shows the Aras Innovator web application. The left sidebar contains navigation options: 'Customers', 'Create New Customer', 'Search Customers', and 'Quick Search'. The main area displays the 'sg_customer' entity. The 'Properties' tab is active, showing a table of properties. The 'Required' checkbox is checked, and the 'Default Value' is set to 'ABC'.

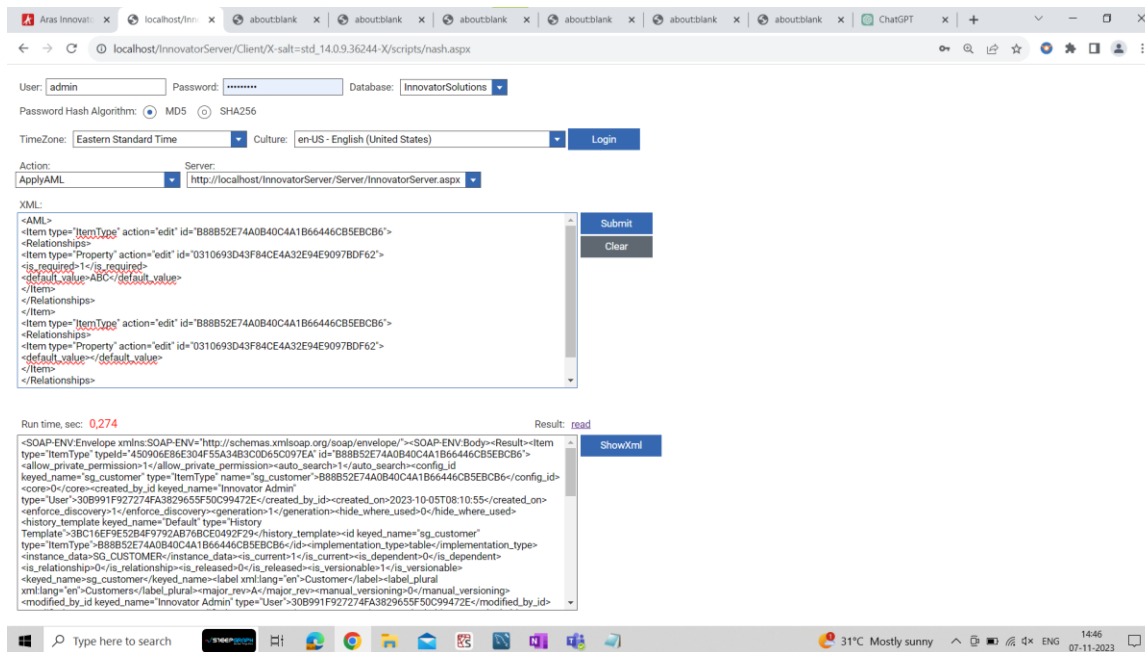
| Pr... | Sc... | Req... | Unl... | Inde... | Fed... | Hid... | Hid... | Align... | Width | Sort O... | Keyed Name ... | Order ... | Default Value | Default Search | Pattern |
|-------|-------|-------------------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|----------|-------|-----------|----------------|-----------|---------------|----------------|-----------------|
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 768 | | | | | |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 2816 | | | | | |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 2944 | | | | | Short Date Time |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Left | | 3712 | | | | | |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Left | | 3456 | | | ABC | | |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 1408 | | | | | |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 3200 | | | | | Short Date Time |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 3328 | | | | | |

- Sg_Customer_Name default value is deleted

The screenshot shows the Aras Innovator web application. The left sidebar contains navigation options: 'Customers', 'Create New Customer', 'Search Customers', and 'Quick Search'. The main area displays the 'sg_customer' entity. The 'Properties' tab is active, showing a table of properties. The 'Required' checkbox is checked, and the 'Default Value' is empty.

| Pr... | Sc... | Req... | Unl... | Inde... | Fed... | Hid... | Hid... | Align... | Width | Sort O... | Keyed Name ... | Order ... | Default Value | Default Search | Pattern |
|-------|-------|-------------------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|----------|-------|-----------|----------------|-----------|---------------|----------------|-----------------|
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 768 | | | | | |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 2816 | | | | | |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 2944 | | | | | Short Date Time |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Left | | 3712 | | | | | |
| | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Left | | 3456 | | | | | |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 1408 | | | | | |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 3200 | | | | | Short Date Time |
| | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Left | | 3328 | | | | | |

- Query to delete default value of property



<AML>

<Item type="ItemType" action="edit" id="B88B52E74A0B40C4A1B66446CB5EBCB6">

<Relationships>

<Item type="Property" action="edit" id="0310693D43F84CE4A32E94E9097BDF62">

<is_required>1</is_required>

<default_value>ABC</default_value>

</Item>

</Relationships>

</Item>

<Item type="ItemType" action="edit" id="B88B52E74A0B40C4A1B66446CB5EBCB6">

<Relationships>

<Item type="Property" action="edit" id="0310693D43F84CE4A32E94E9097BDF62">

<default_value></default_value>

</Item>

</Relationships>

</Item>

</AML>

- Output of removed Sg_Customer_Name default value

