**Understanding & Customizing Predefined Harness Rules**

**Harness :**

**Understanding & Customizing Built in User Interface/ Harness:**

**Flowaction: Container of single section**

**Harness : Container of Multiple Sections (Harness is a Collection of One or More Sections). Harness is a UI Rule.**

**4 Types of  Predefined Harness:**

* **New Harness ( Editable)**
* **Perform Harness ( Editable)**
* **Confirm Harness ( Read Only)**
* **Review Harness (This cannot be modified. This is for system Internal Usage)**

**In Transaction Life Cycle : 3 Different Harness will be loaded**

**1-Before WO Display - New Harness ( Editable)**

**2-During WO Display- Perform Harness ( Editable)**

**3-After WO Display - Confirm Harness ( Read Only )**

**How to Debug User Interface ?**

**We can Use Live UI Tool**

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**New Harness**

* **New Harness gets displayed when we run a flow. ( by default New harness is disabled)**
* **New Harness will display before a case gets created.**
* **This is been called under process tab of the flow**
* **The display of New Harness depends on a check box “Skip Create Harness” under Process tab of flow.**

**New Harness is Responsible for Creating WO. When we run case type and click on Done button in New harness the below activities gets executed.**

* **NewFromFlow/New:  Call a Work flow and executes it**
* **Add/AddWork: Responsible for creating case**
* **Generate ID: Responsible for Generating Case Numeric value based on prefix.**
* **SaveNew : Saves the case to differ queue.**
* **WorkCommit: Commits case to work table.**

**Req: Customize New Harness to Display Customer search functionality.**

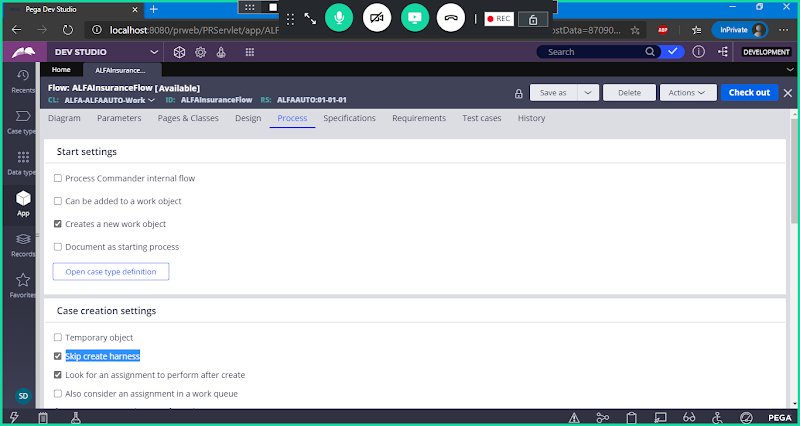
**- Include Customer Search functionality in New Harness**

**- If Customer is available then ignore collecting Customer Information & Display Transaction Details**

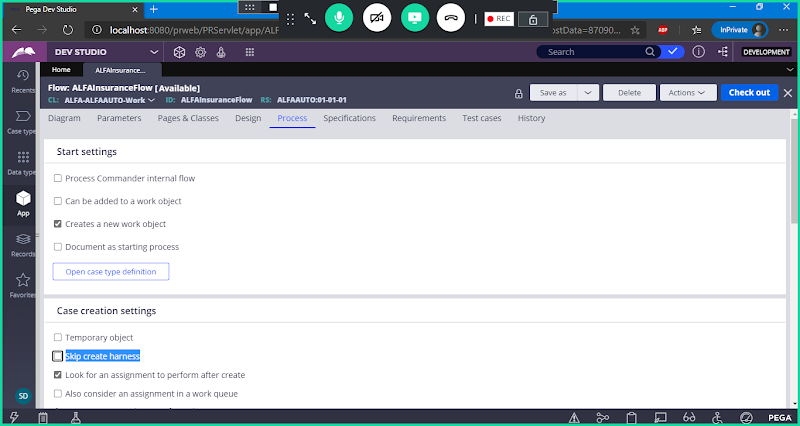
**- If customer not available then display customer Form.**

**How to Enable/load New Harness:**

**Open Insurance flow -> Go to Process Tab**

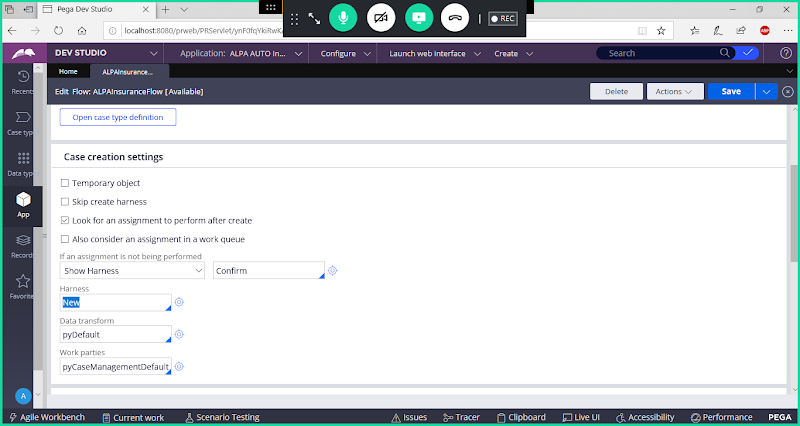


**Disable Skip Create Harness**

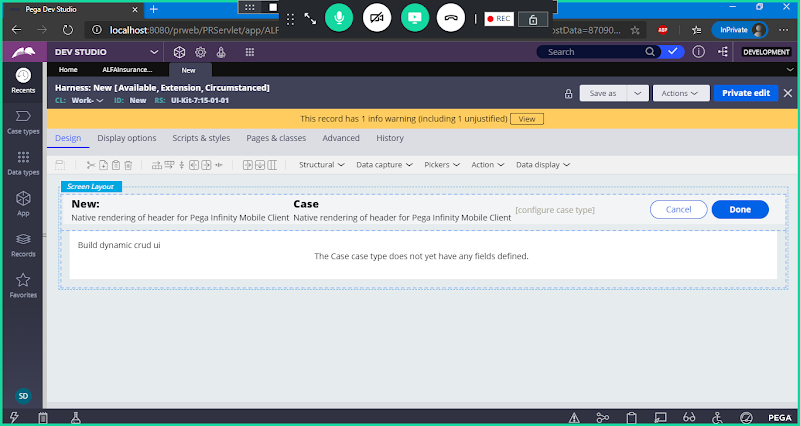


**Save**

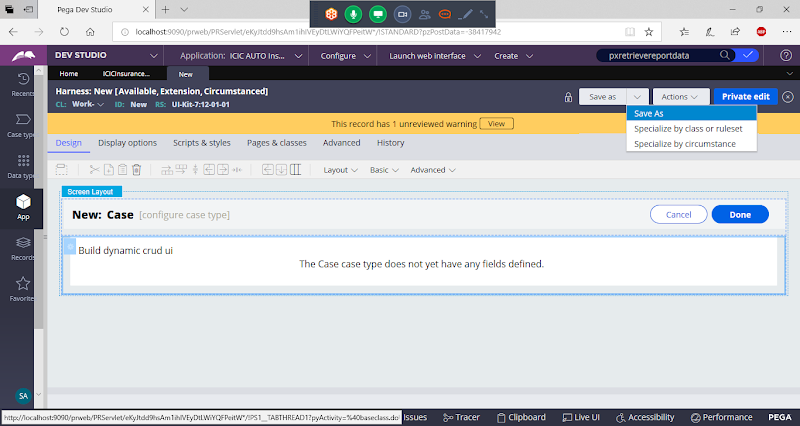
**Scroll Down & Open New Harness from Process Tab:( Under Case Creation settings)**

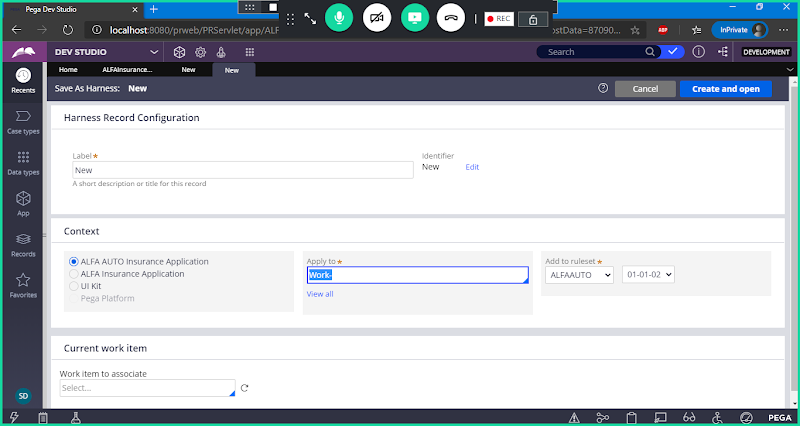


**Click on Circle to open new harness:**



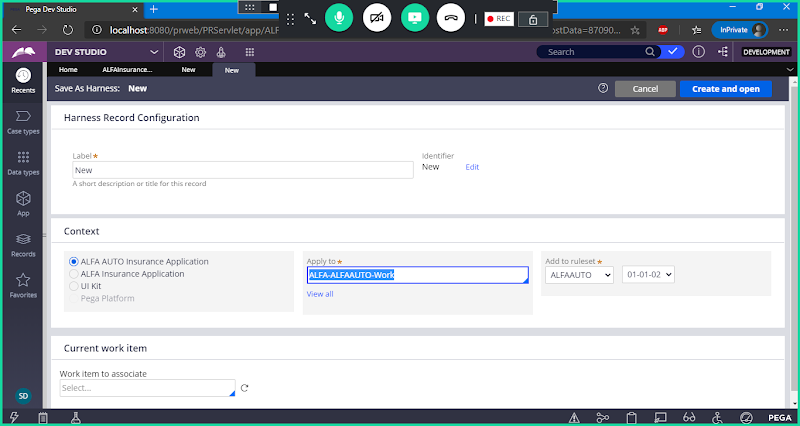
**Use Save as Option**



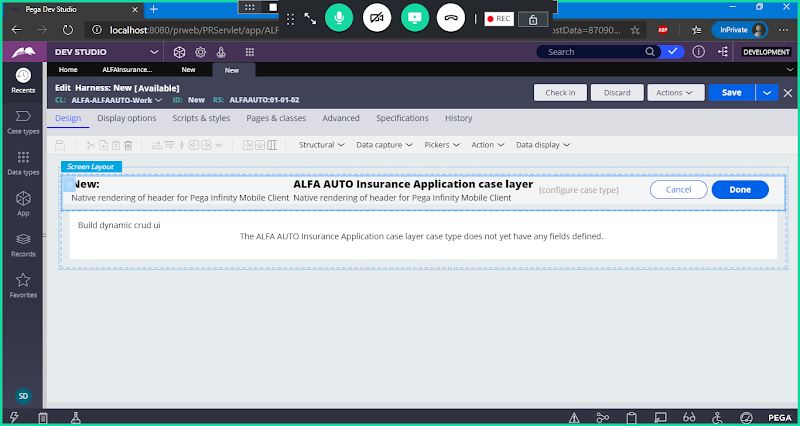


**Don't Change Label/Rule Name**

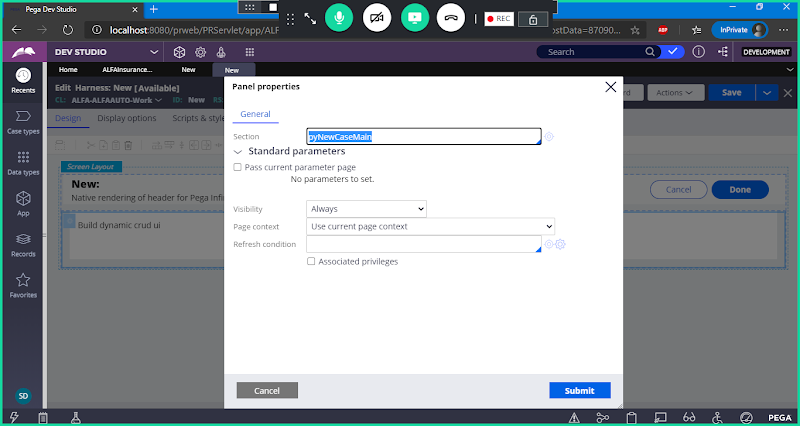
**But Change Class Name to : Class group Name**



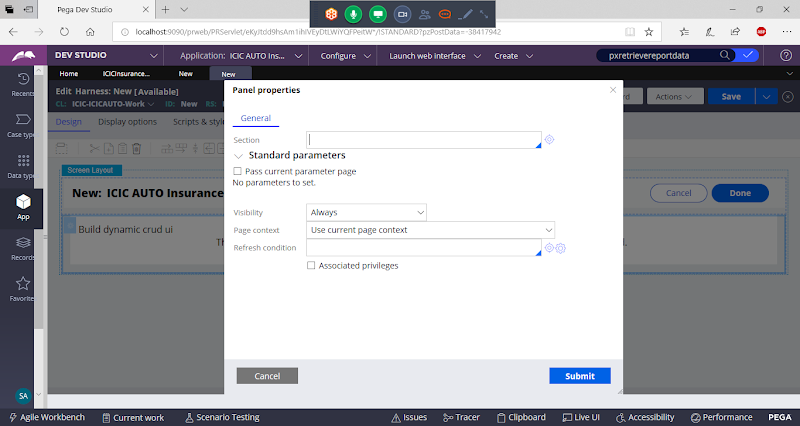
**Open**



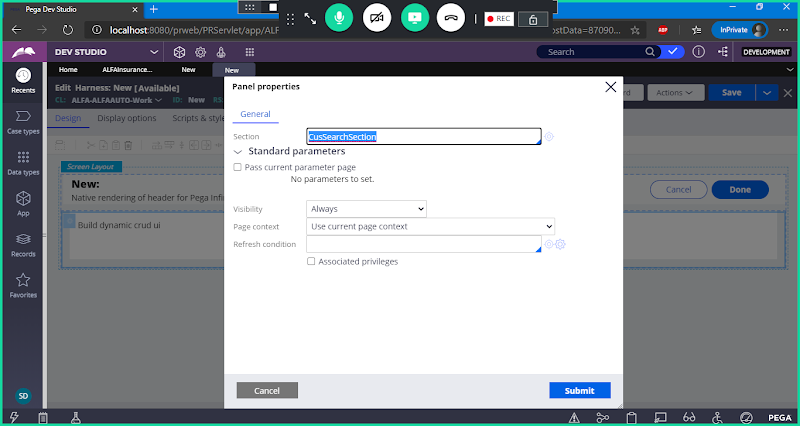
**Double Click on Panel 2 Properties**



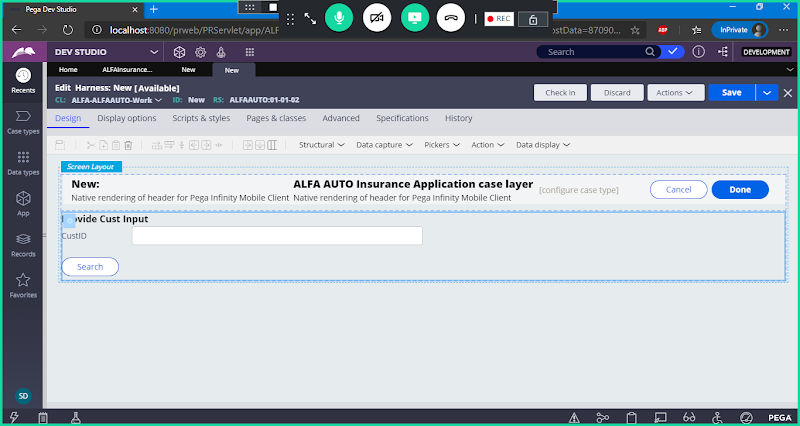
**Remove Default Section**



**Replace Existing Section with Customer Search section**

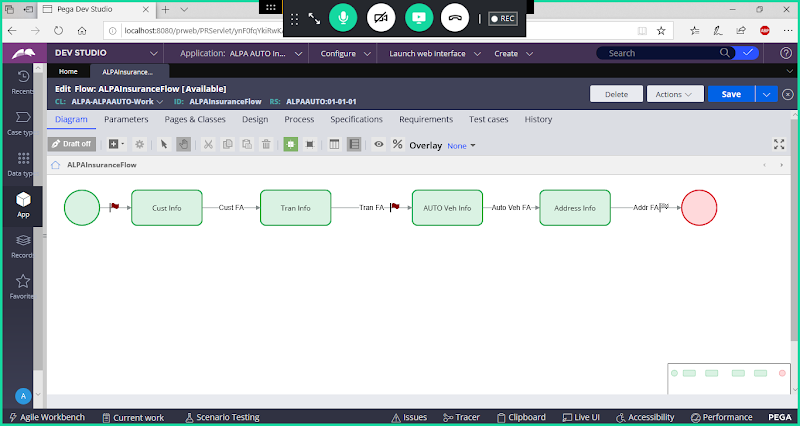


**Submit**

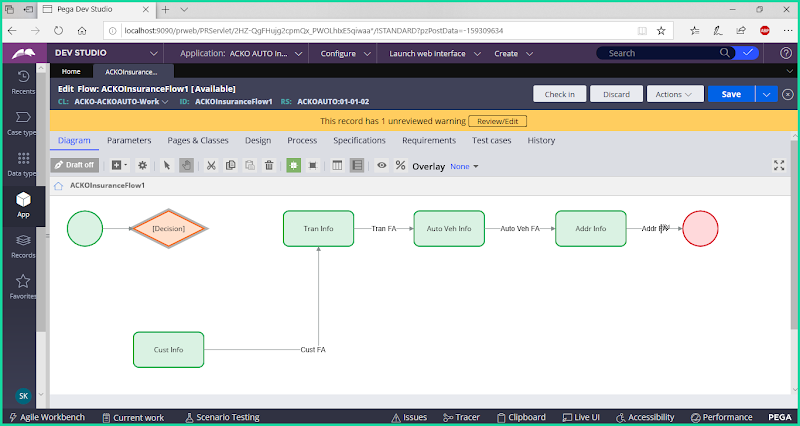


**Save Harness & Check in**

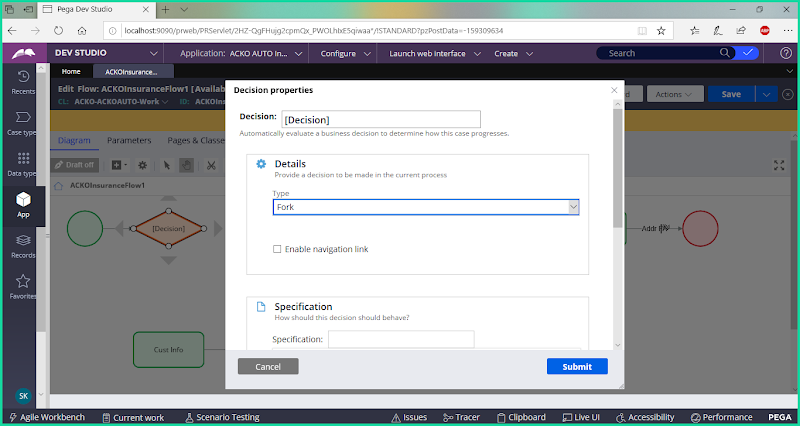
**Add Decision Condition in Insurance Flow:**



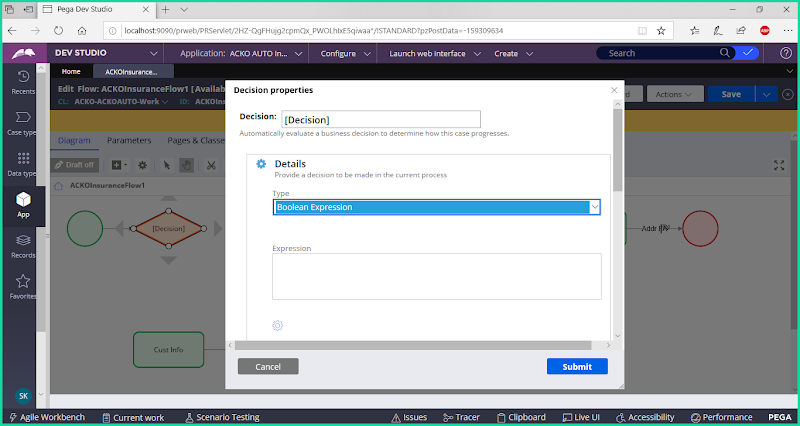
**Add Decision Shape after Start shape**



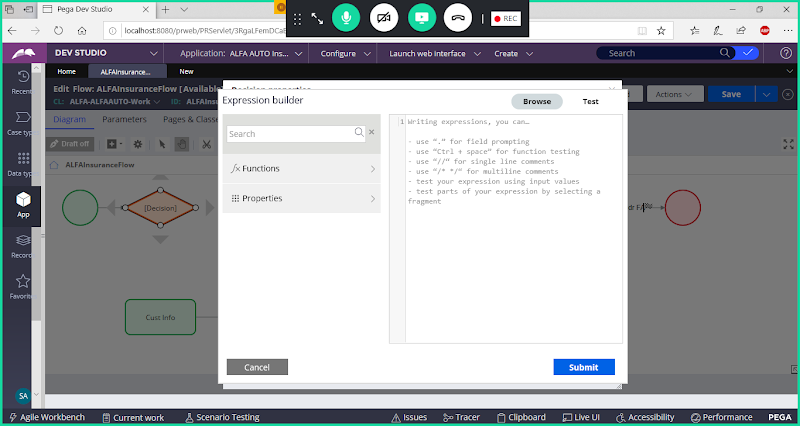
**Open Decision shape Properties**



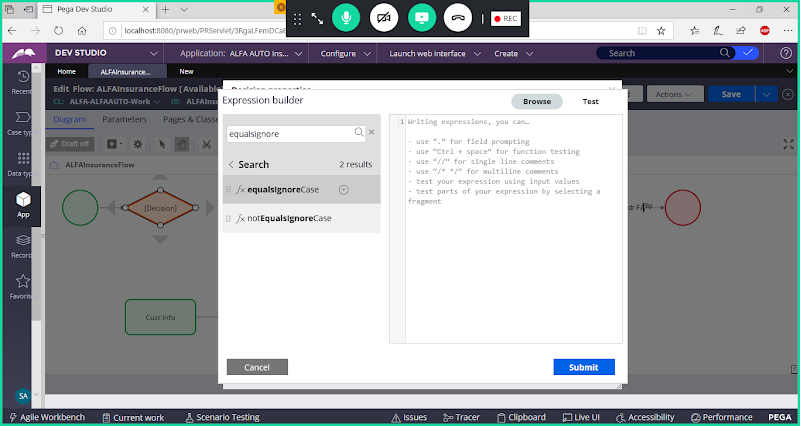
**Under Type select : Boolean Expression**

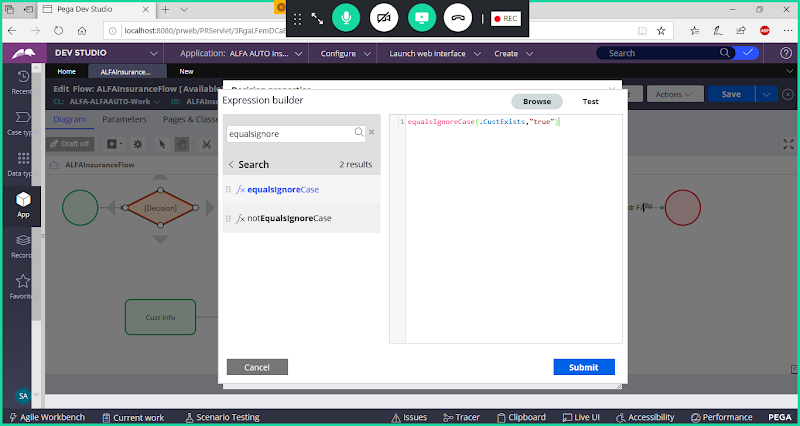


**Open Expression Builder ( Click on Settings icon)**

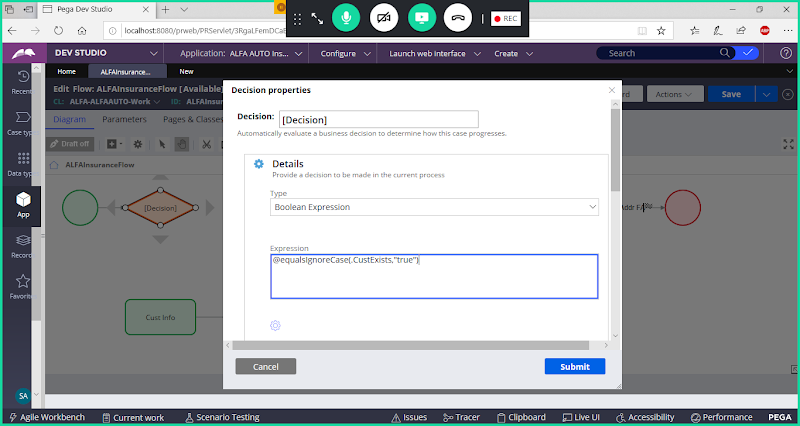


**Add Function: equalsignorecase**

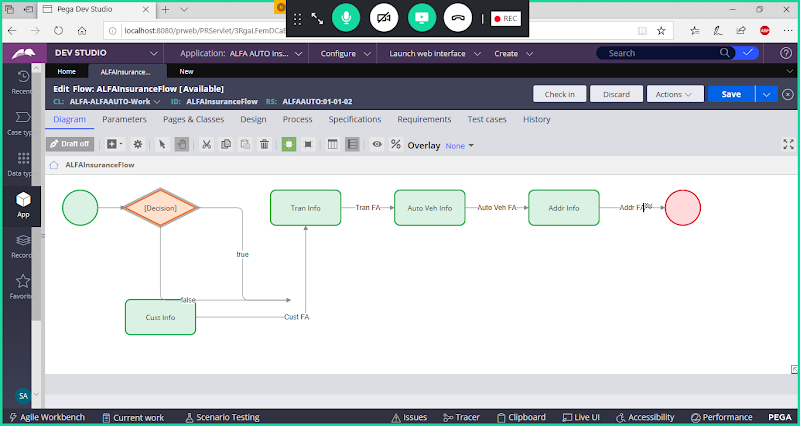




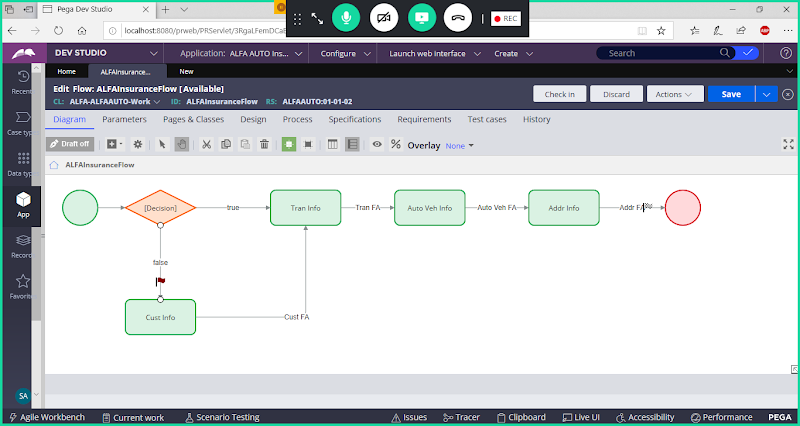
**Submit**



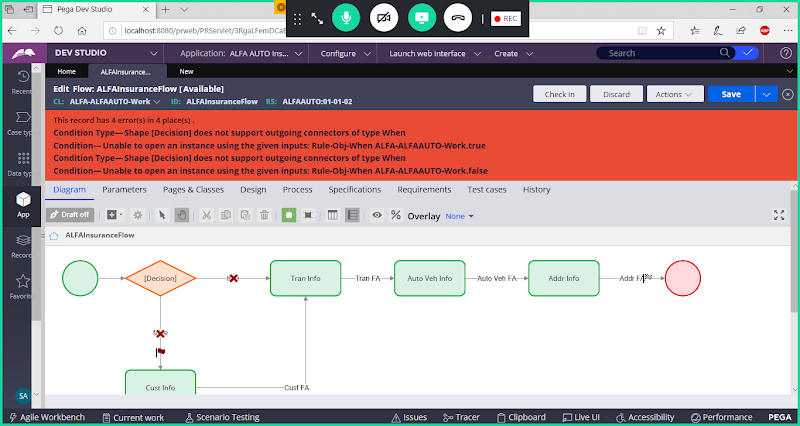
**Submit**



**Add True Connector towards Transaction Form & Add false  connector towards Customer Form :**

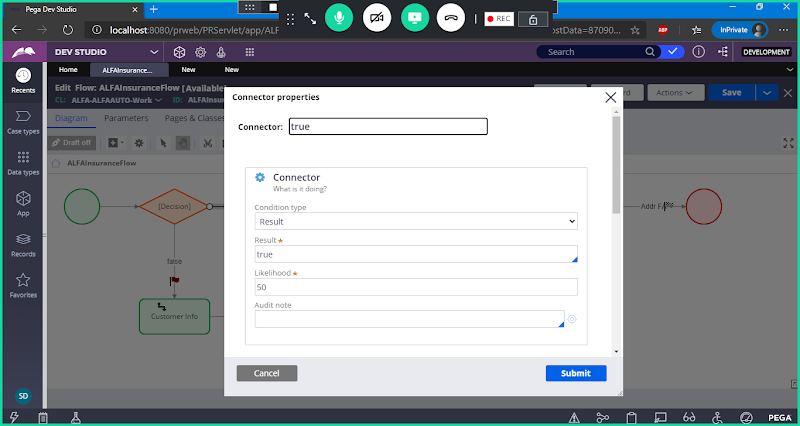


**Save Flow**

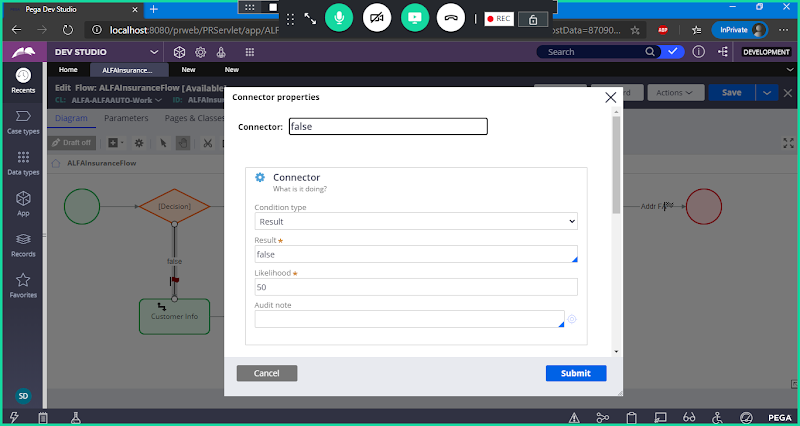


**To Resolve above error,**

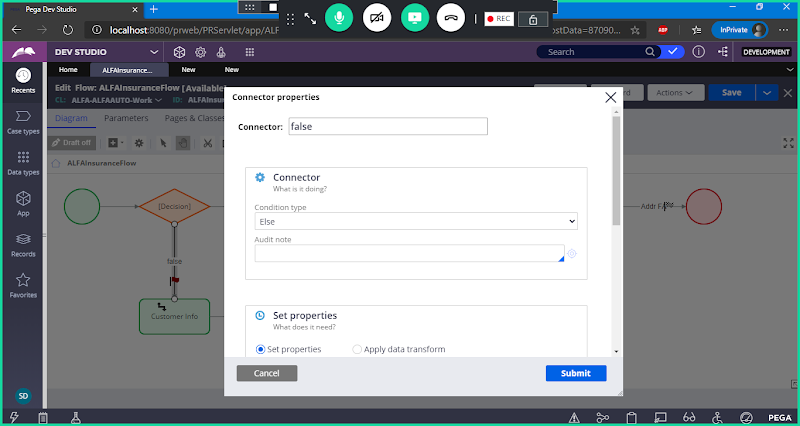
**Open True Connector & Click on Submit**

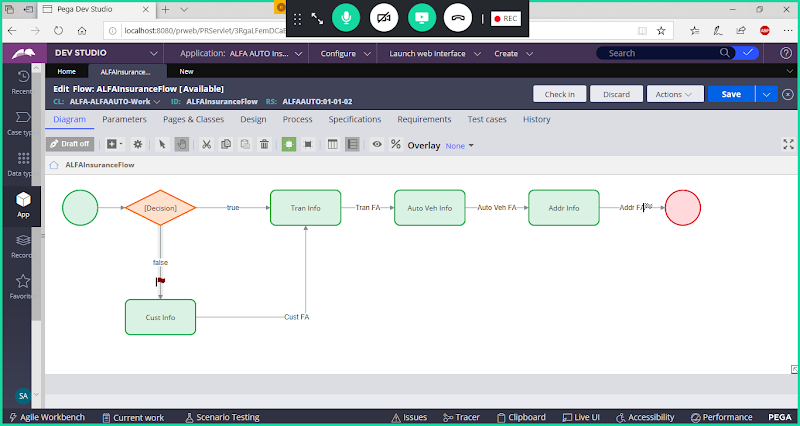


**Open Flase Connector & Change  Result to else**

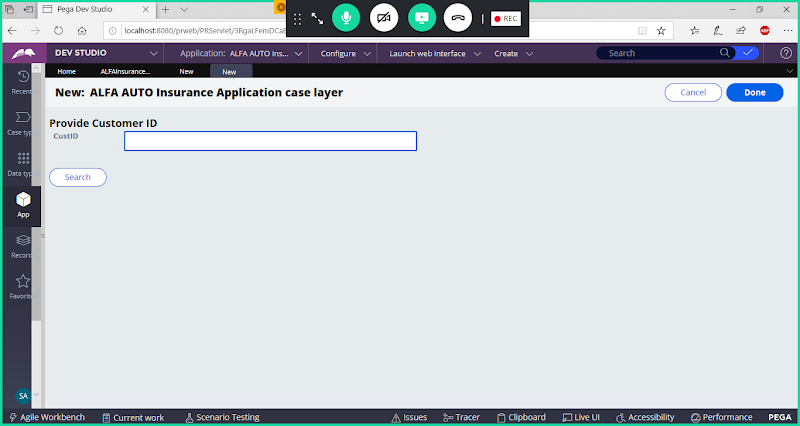


**Change Condition Type to : Else**

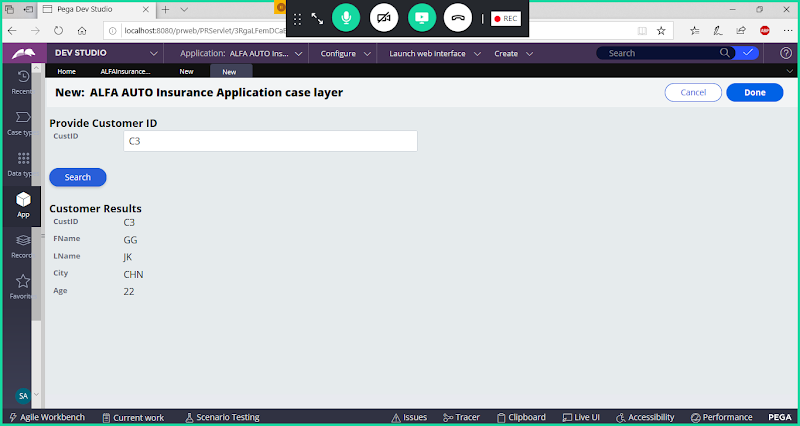




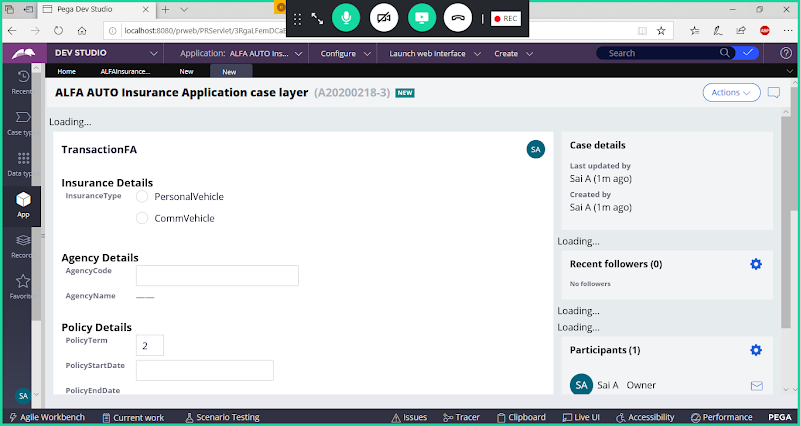
**Save & Check in & Run the flow**



**Enter Valid Cust ID & Search**



**Click on Done, it should display Transaction form**



**If Customer is not available means it should display Customer form.**

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