**Types of Keys:**

**In PRPC we have 2 types of Keys:**

**1. Class Key- (Is a Class Group, Belongs to Class Group & Data Types)**

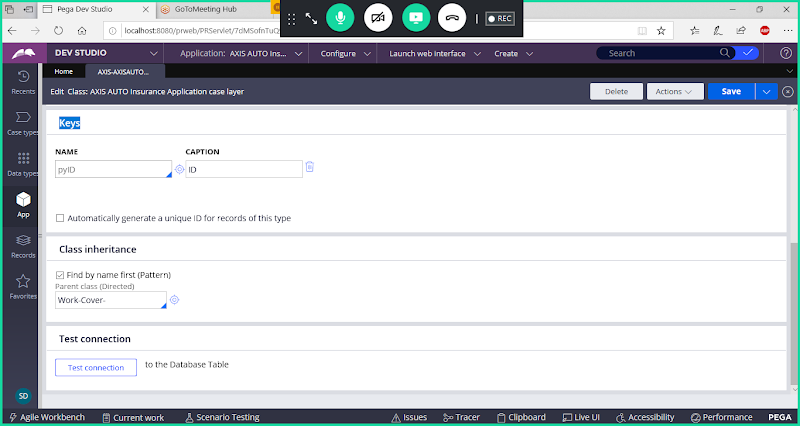
**2. Primary Key (Also Called as pzInsKey) - ( Obj-Open-by-Handle)**

**Class Key:**

**we will define class key while Creating Data Tables/Data Type. We can add One or more class keys to add a dedicated table.**

**We will have class key assigned for our Work Class Group. i.e pyID**

**Open Class Definition for your Work Class group:**



**-----------**

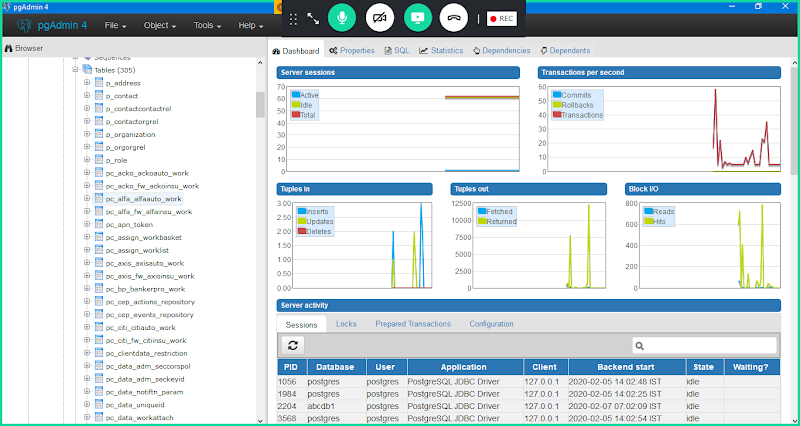
**How to Know Primary Key?**

**Primary Key in PEGA PRPC is pzInsKey**

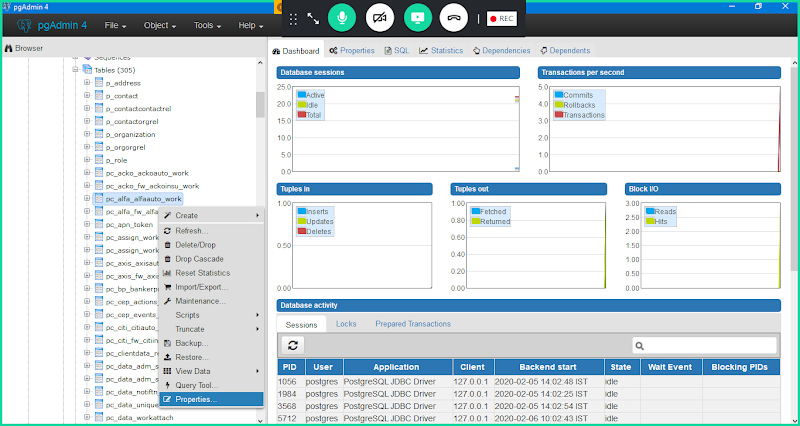
**Open Server: For Every Table ( pc, pr & pr4 Tables) the primary key will be assigned by default.**

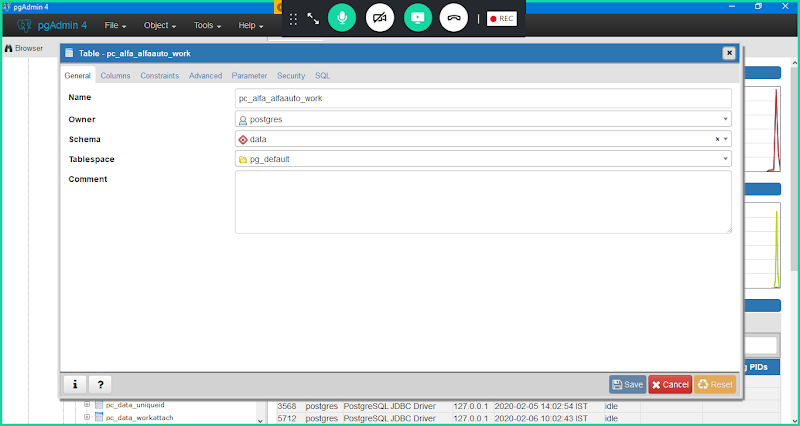
**For Any Table in PEGA Primary Key is pzInsKey**

**Open your Work Table: pc\_OrgName\_DivName\_work**

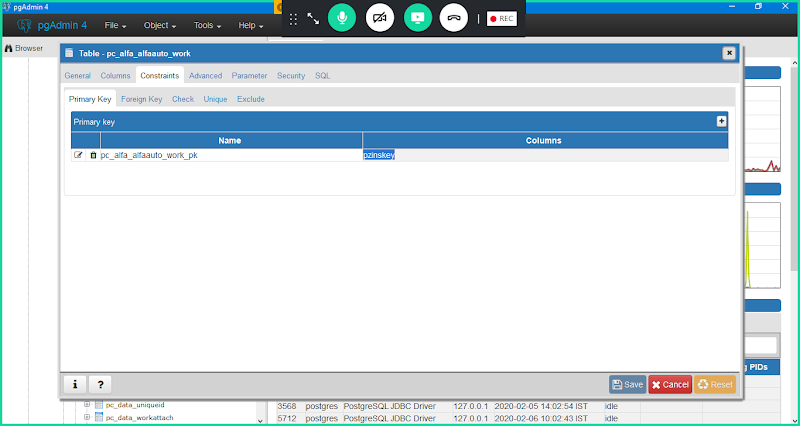


**Right Click on Work Table-> Properties**





**Click on Constraints**

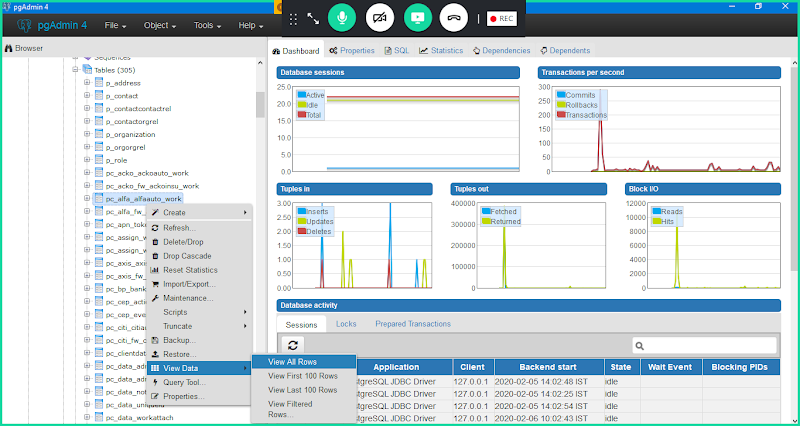


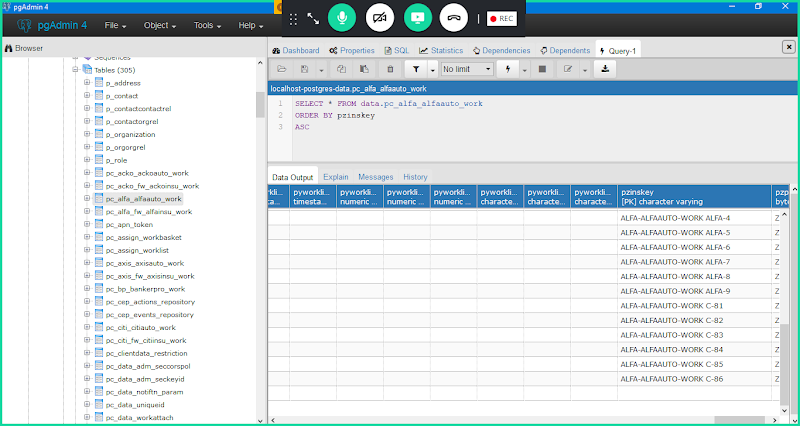
**Here in above screen Primary Key is pzInsKey**

**pzInskey is Primary Key for all the Tables. ( Pc, Pr, Pr4 Tables)**

**What is the format of pzInsKey in Work Table?**

**Ans: Right Click on Work Table-> View Data-> View All Rows**



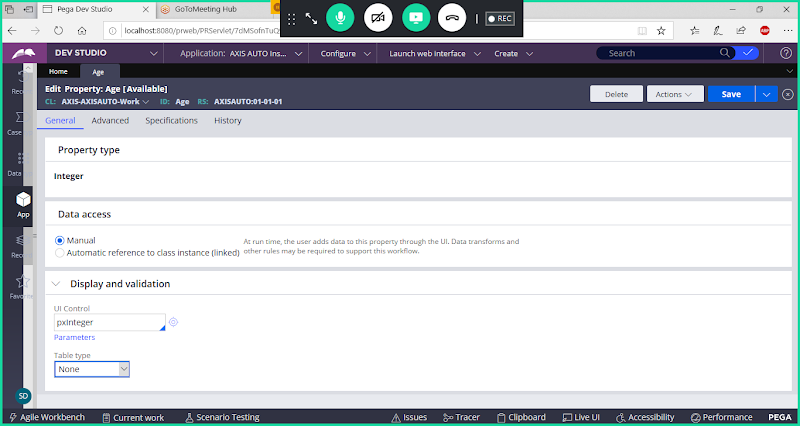


**Class Group Name  Work ObjectID**

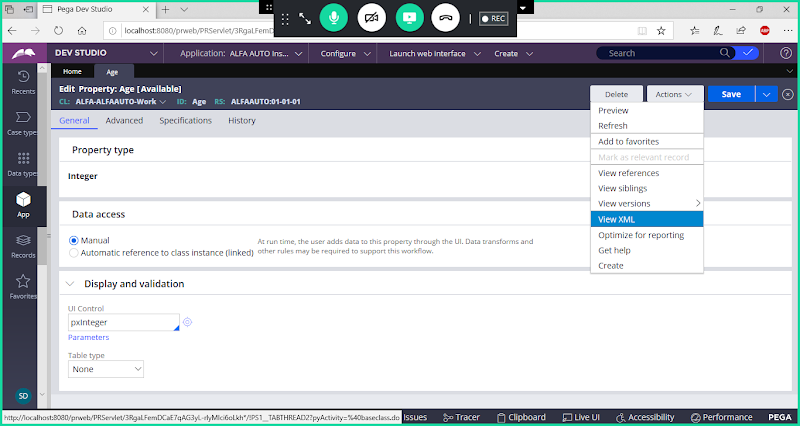
**"ALFA-ALFAAUTO-WORK  C-1"**

**How to identify Primary Key for any Rule or Individual instance & What is the Format of pzInsKey at Rule Level?**

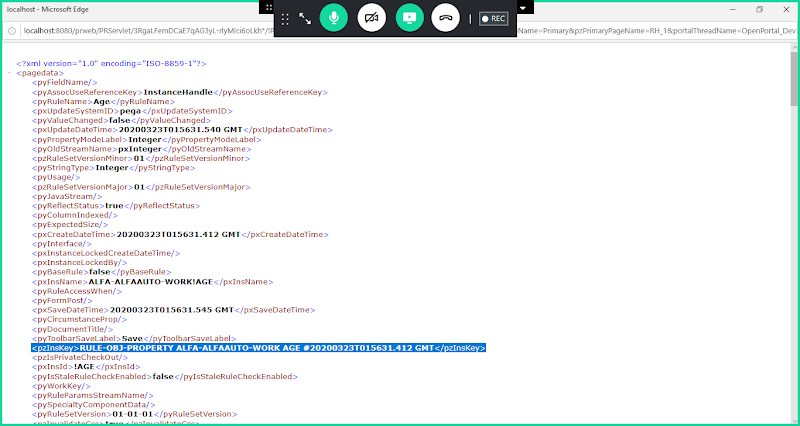
**Ex: Open Age Property Rule**



**Go to Actions -> View XML**



**Search for pzInsKey:**



**<pzInsKey>RULE-OBJ-PROPERTY ALFA-ALFAAUTO-WORK AGE #20200128T022739.364 GMT</pzInsKey>**

**RULE-OBJ-PROPERTY    ALFA-ALFAAUTO-WORK          AGE                   #20190304T011117.704 GMT**

**Rule Instance                   Rule Class                       Rule Name                   Time Stamp**

**pzInsKey is Primary Key for any table in PEGA**

**pzInsKey is Primary Key for any Rule in PEGA**

**===**

**What is the purpose of Primary Key:**

**To uniquely identify any instance in the rule base( pc/pr/pr4) and bring back & display in PRPC Platform.**

**=========**

**Working with Obj-Open-by-Handle:**

**Purpose of  Obj-Open-by-Handle: To fetch single Record based on  primary key/ pzInsKey**

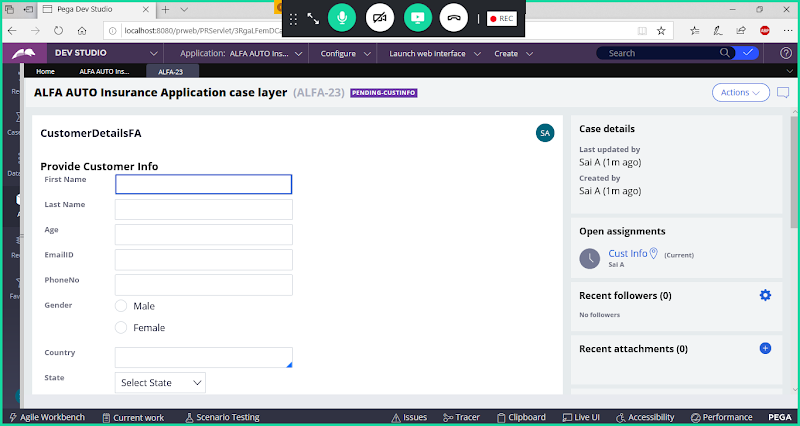
**Req: Create a Generic Activity to Update Any WO Status from Old Status to New Status:( Use Parameters)**

**Update status from Pending-CustInfo to Pending-NewCustInfo**

**Old Status:  Pending-CustInfo**

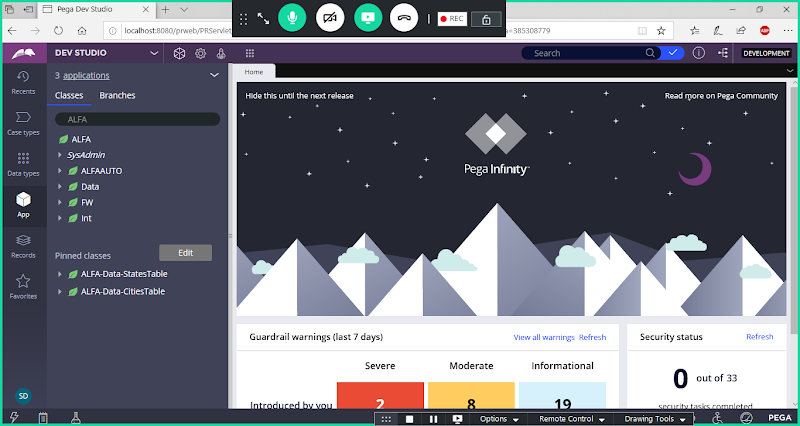
**New Status:  Pending-NewCustInfo**

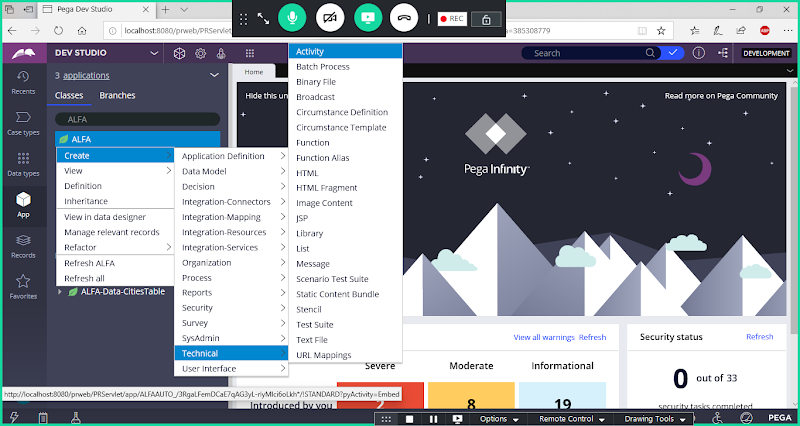
**Execute Insurance Flow & create 2 work Id's with Old Status( Pending-CustInfo)**

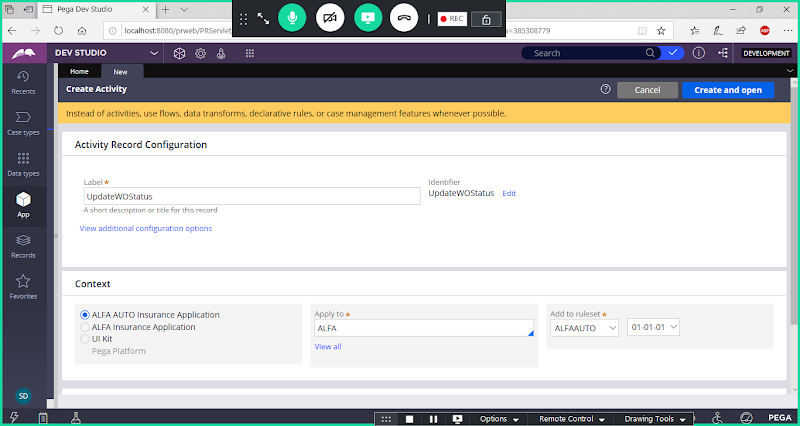


**Create 2 WO's with Pending-CustInfo Status:  ALFA-23, ALFA-24**

**Create Activity in Organization Class :**

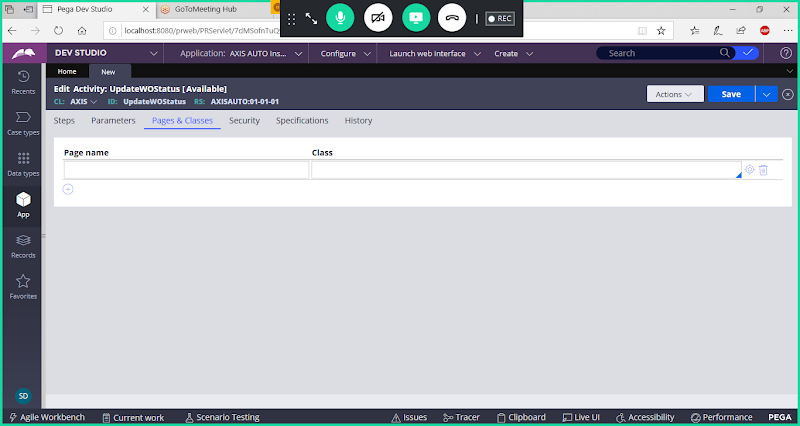


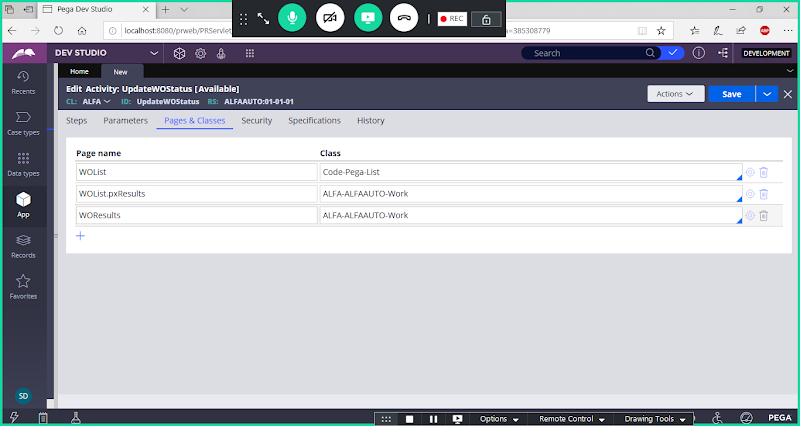




**open**

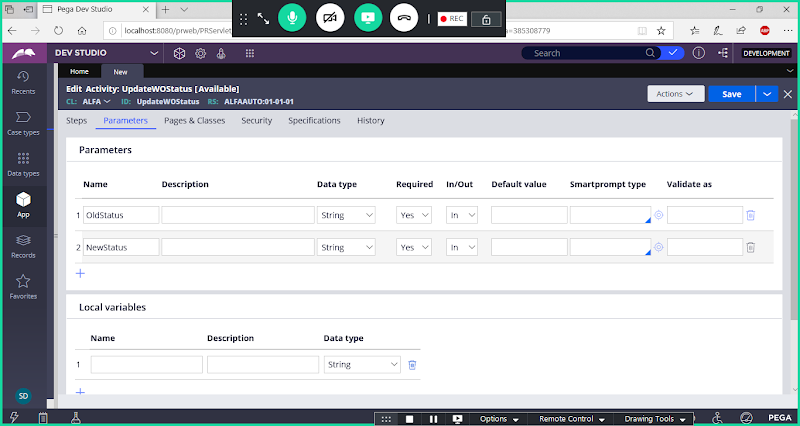
**Go to Pages & Classes**



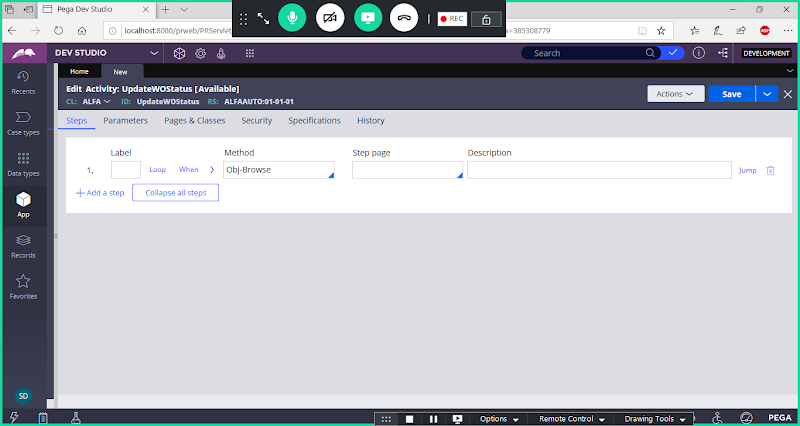


**Go to Parameters tab:**

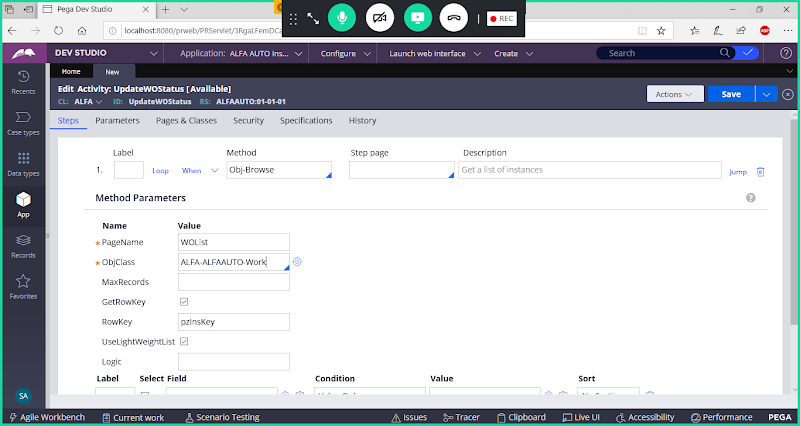
**Add 2 Parameters & Set Required Option as Yes**



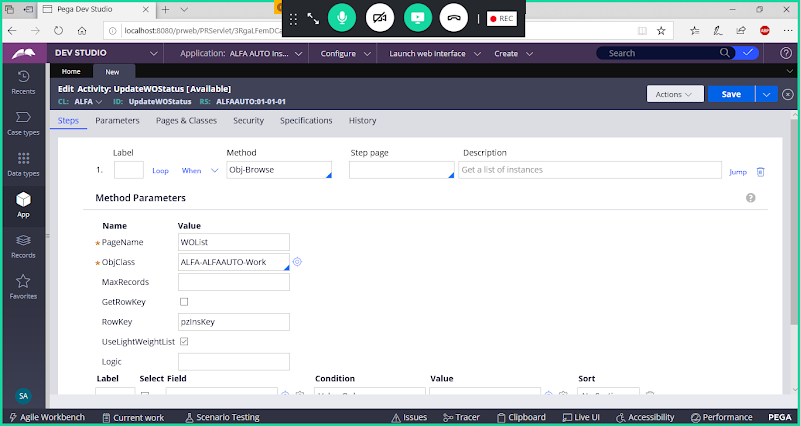
**Go to Steps tab:**



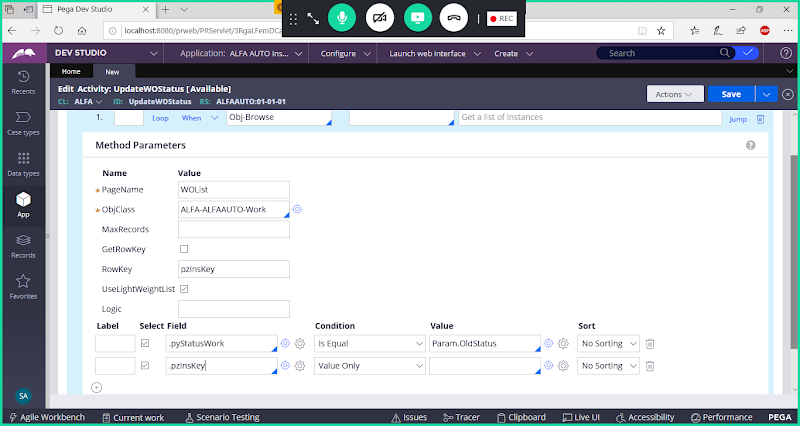
**Expand Method & Fill Parameters:**

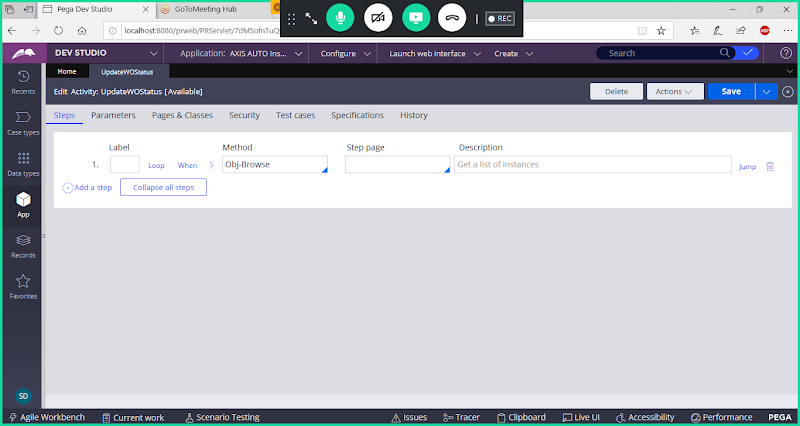


**Disable GetRowKey**

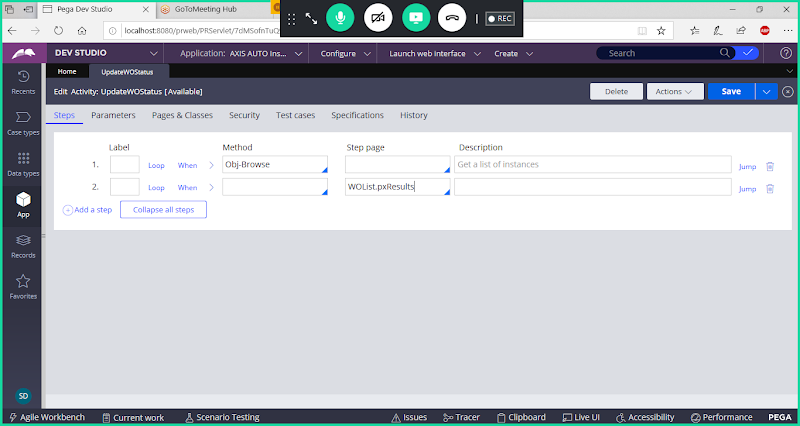


**Using Obj-Browse we will browse the data and keep on clipboard. Further we are going to use this data.**

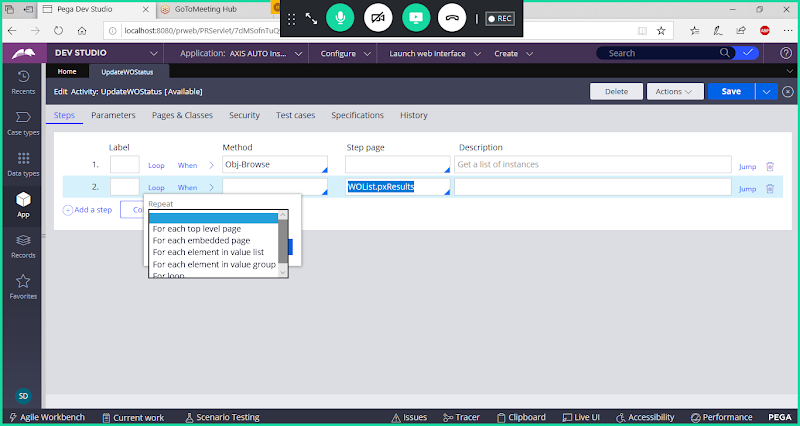




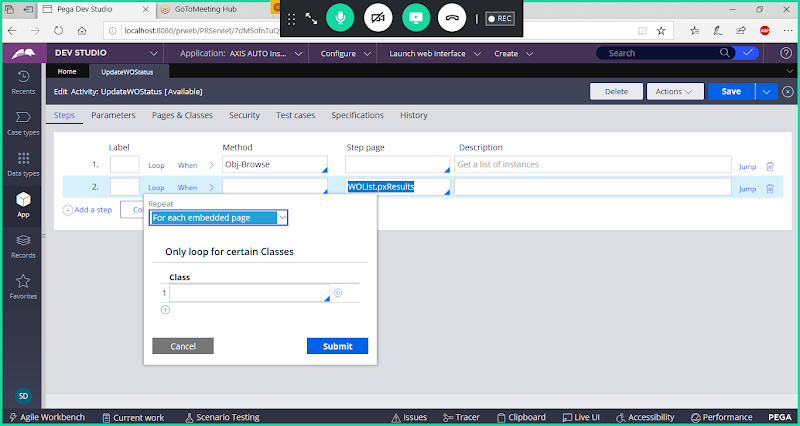
**In New Step Add Step Page**



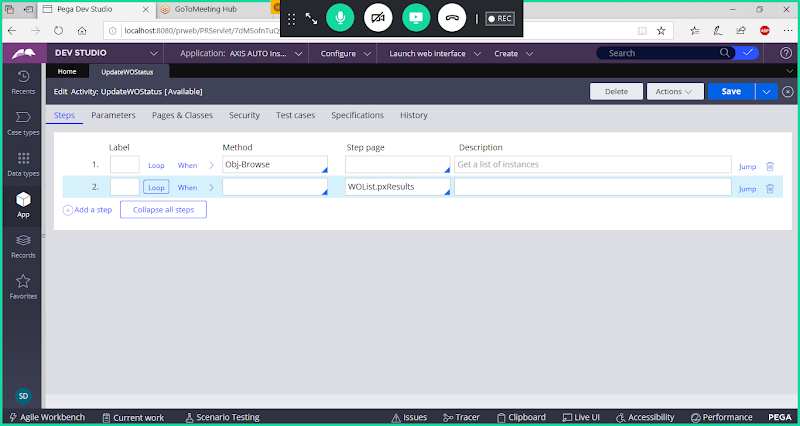
**Now Add Loop Condition**



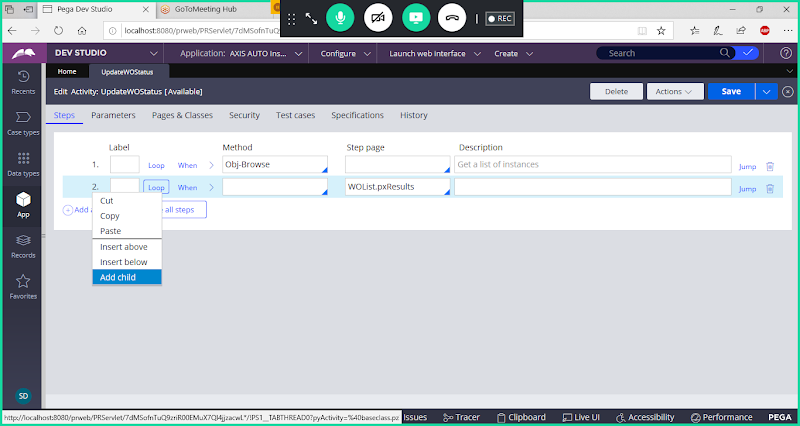
**Select Loop Condition: For each embedded page**



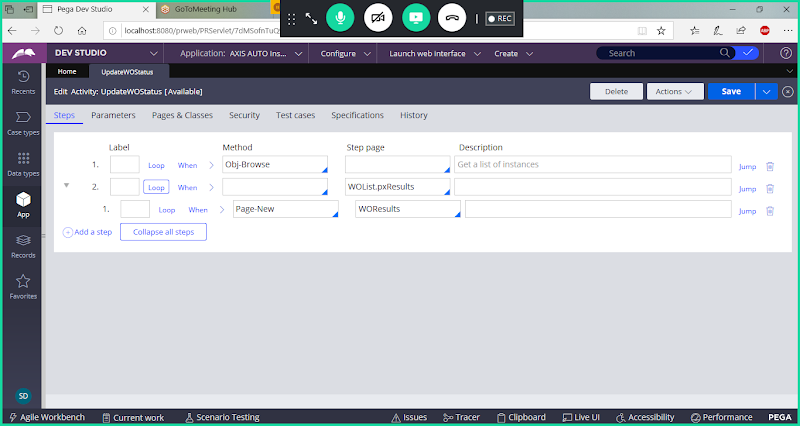
**Now click on submit**

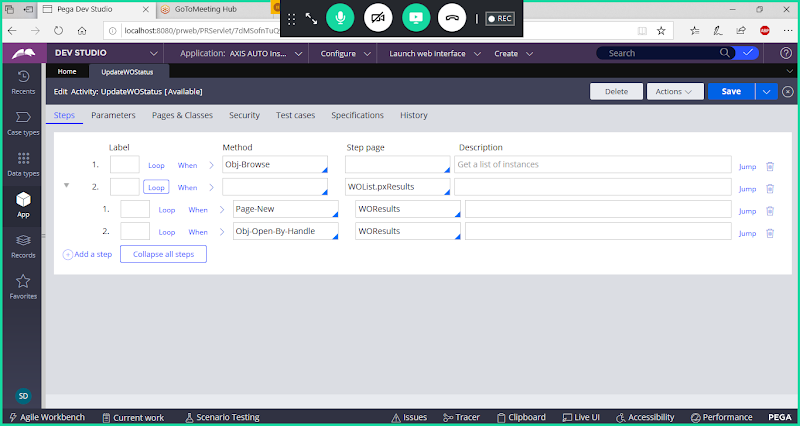


**Right Click on Step 2 & Click on Add Child**

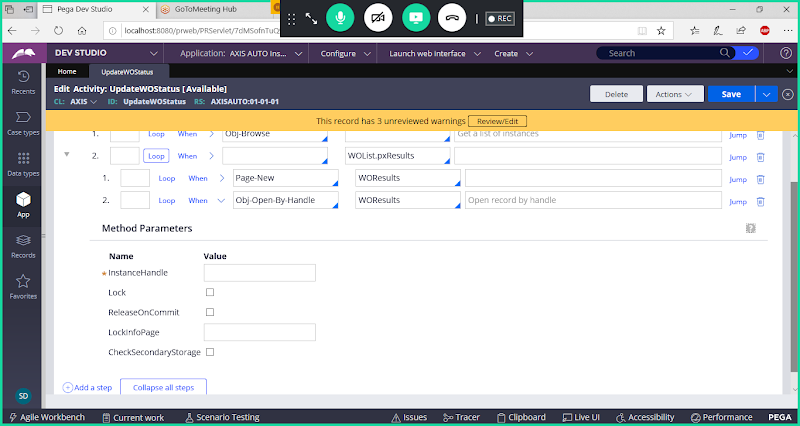


**In 2.1 - > Add Page-New Method**

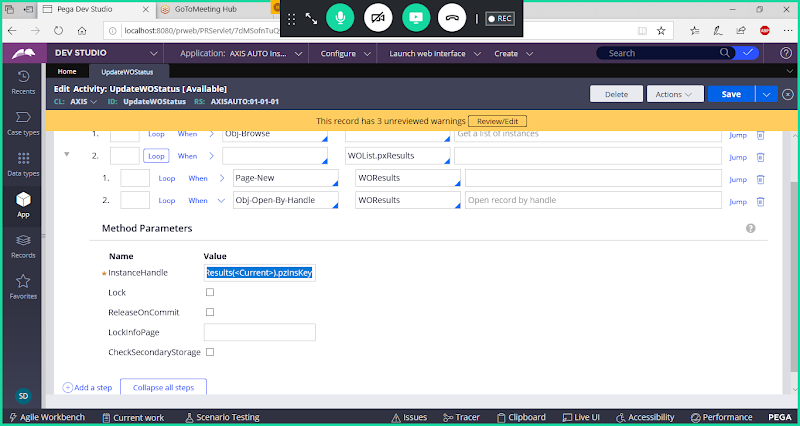




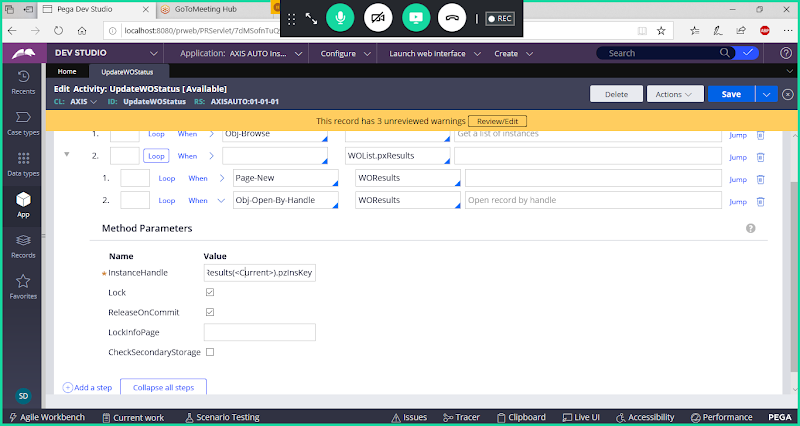
**Fill Parameters for Obj-Open-by-Handle**

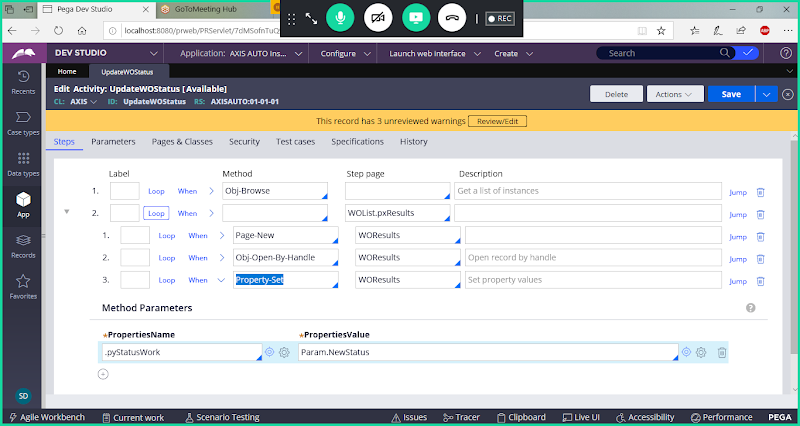


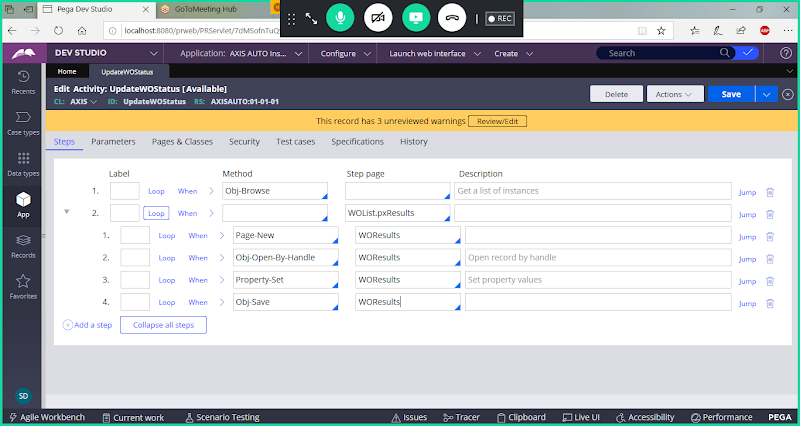
**Provide Instance handle:     WOList.pxResults(<Current>).pzInsKey**



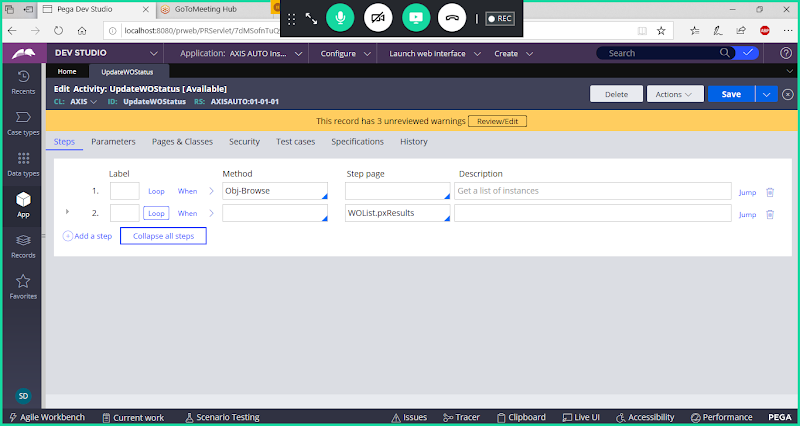
**Enable Lock & Release on Commit options**



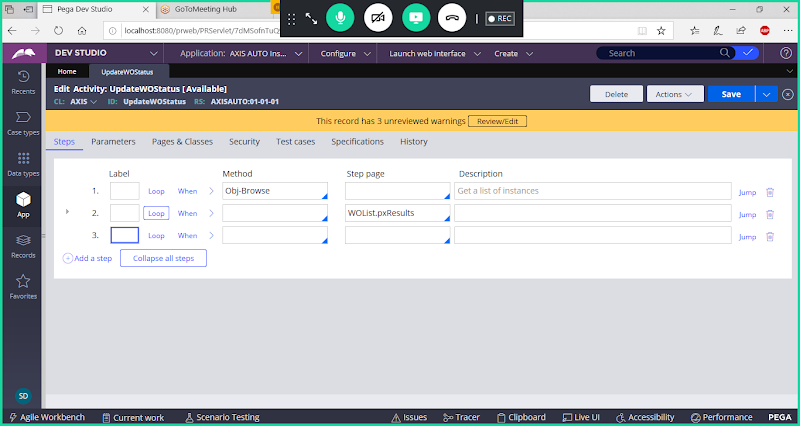




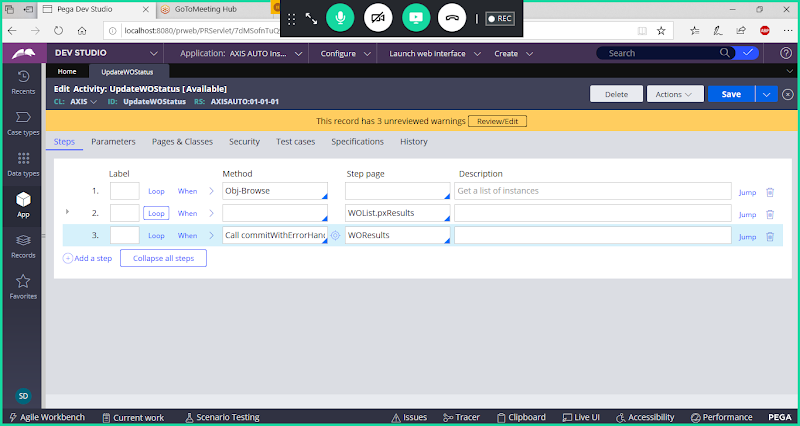
**Click on Collapse all steps**



**Add step 3 outside the loop:**



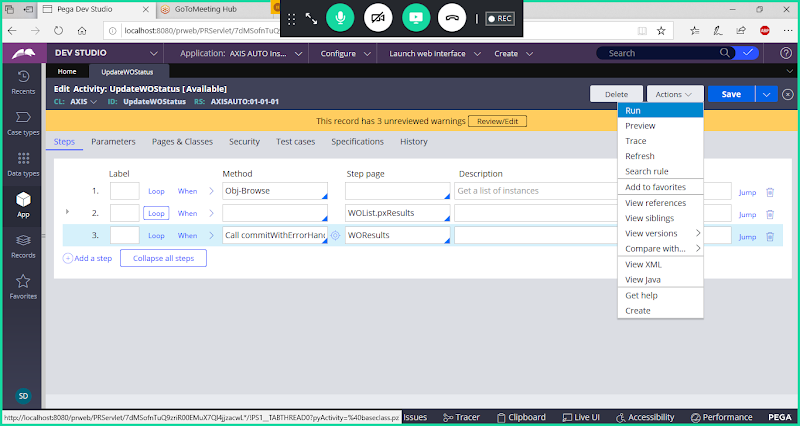
**Use Call to call the API ( commitwitherrorhandling)**

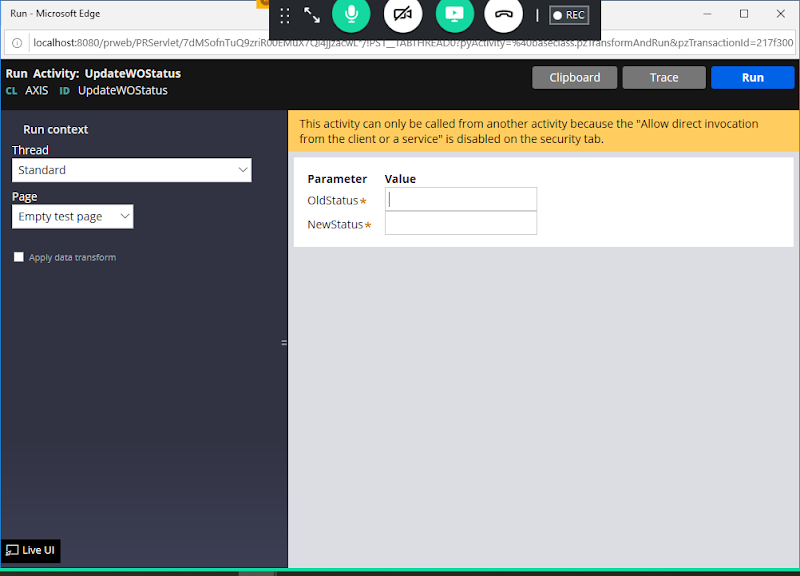


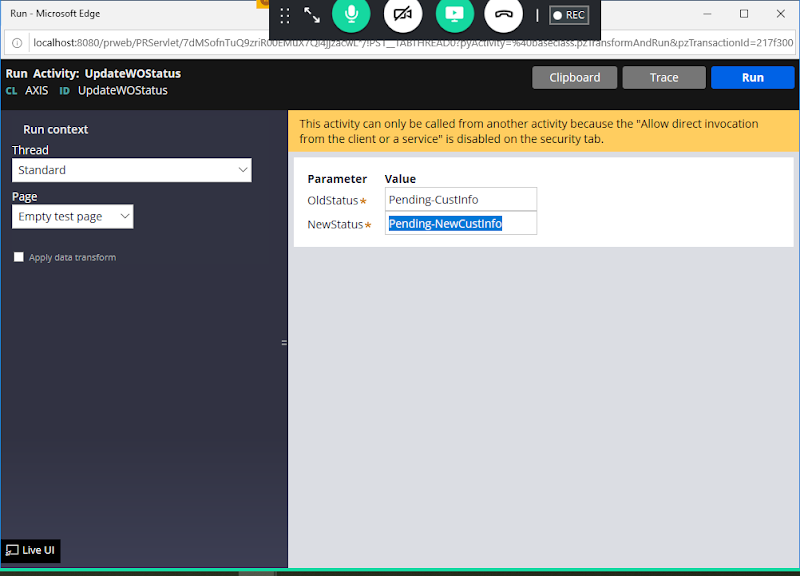
**Call commitWithErrorHandling**

**If we use commit inside the loop, here the thread is already committed by using Obj-save. In that case if any records fails it will stop there. So we have to use commit API outside the Loop.**

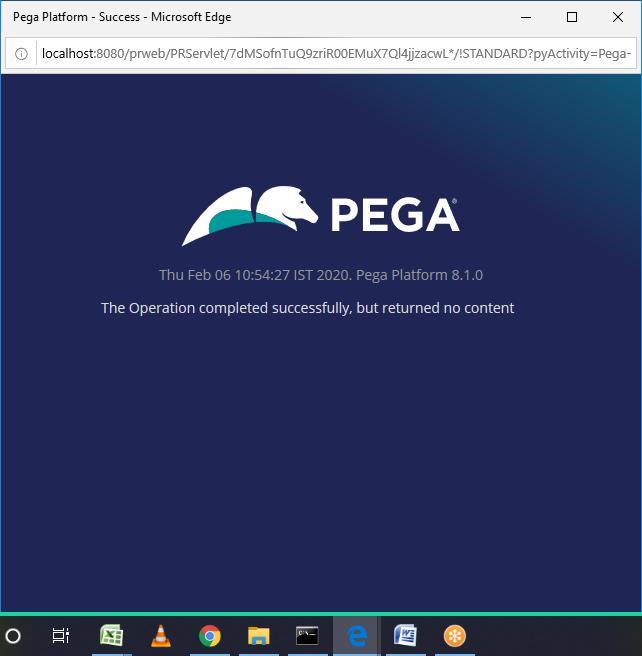
**Save activity & Run Activity**







**Click on Run**



**Verify WorkId's  status whether updated to New Status or not**

**Click on Work Class Group**

