**Working with File Listeners& Service File:**

**File Listener:**

**File Listener Monitors a directory path on server, if a file is been placed listener picks the file & give it to service file rule**

**Service File:This rule accepts file input, reads the file content & process it by executing activity.**

**To work with file listener we will create below rules:**

**Service file**

**Parse Rule**

**Activity**

**File listener**

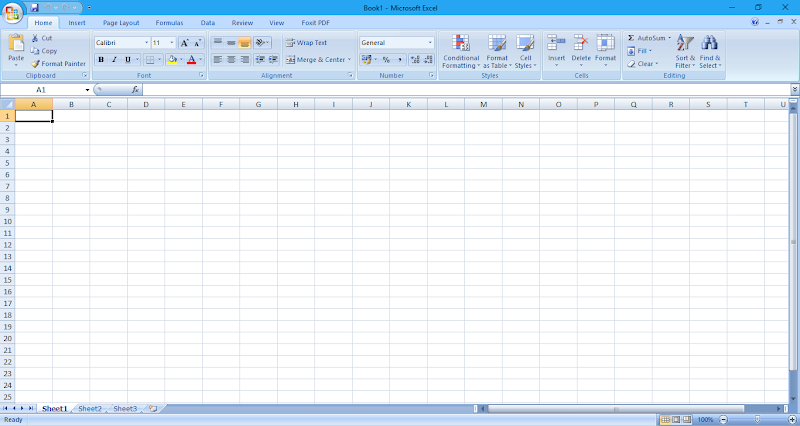
**Service Package**

**Data Table**

**---**

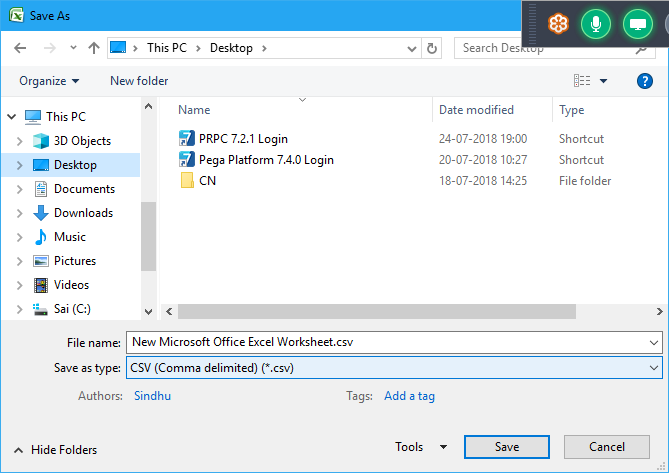
**First Create a CSV ( Comma Delimited File)**

**Open Micro soft Excel File**

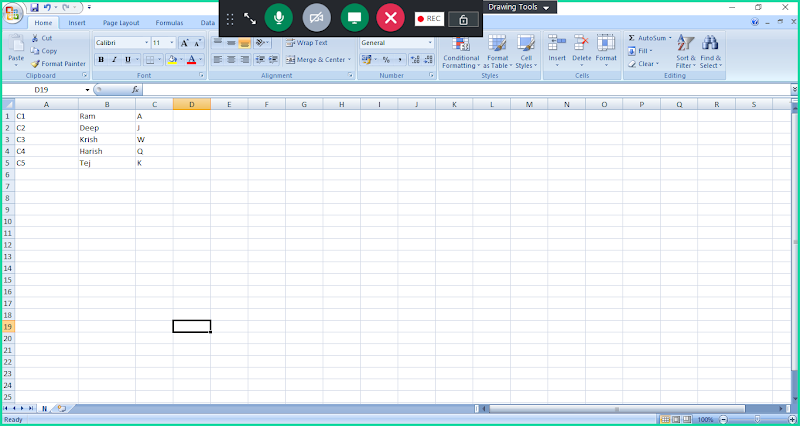


**Use Saveas Option**

**Select the File Type: CSV(Comma Delimited)**



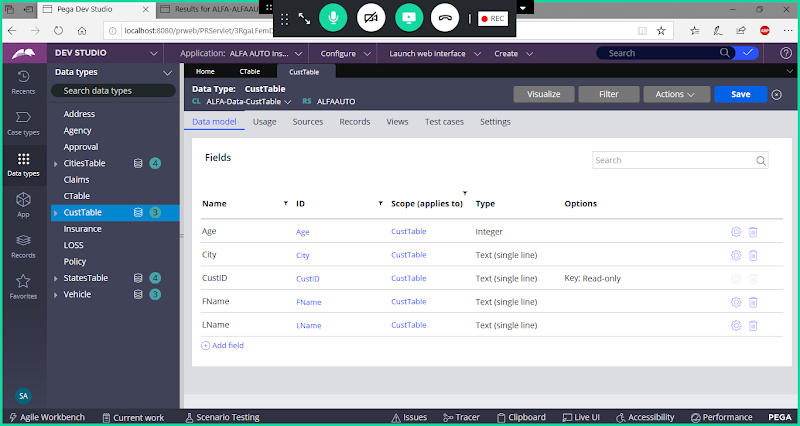
**Add Records like CustID ,FName&LName& Save the file.**



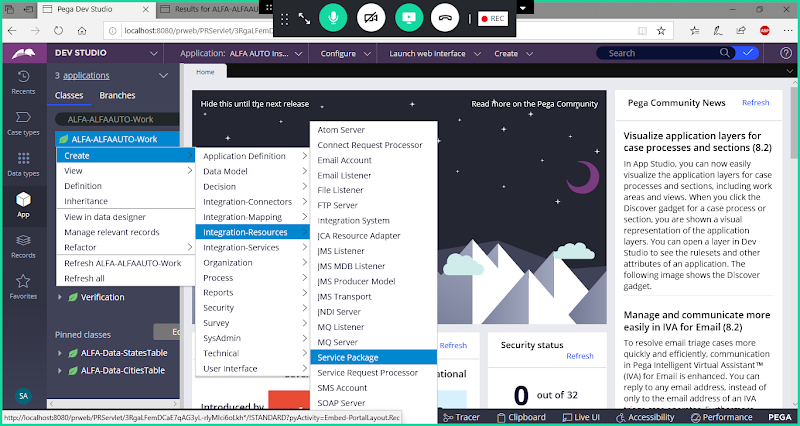
**Save File**

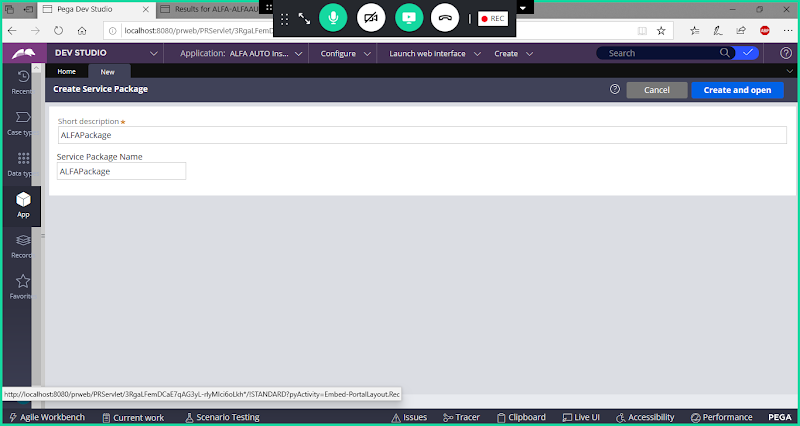
**Req: Insert Data from File to Customer Table by using Service File:**

**Use Existing Customer Table:**

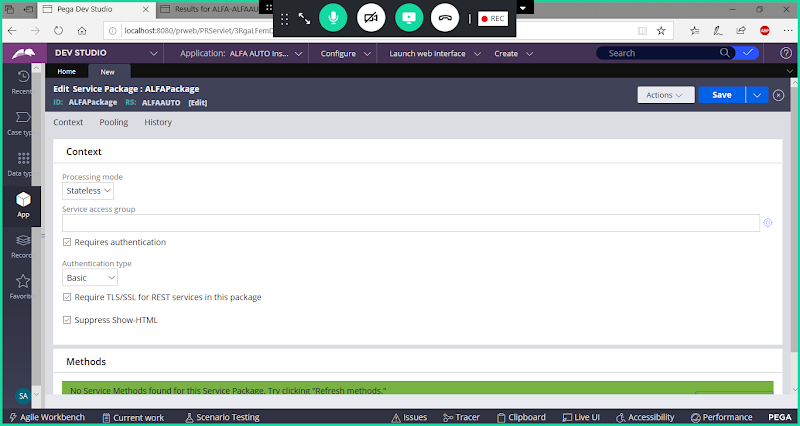


**Create Service Package:( If Package Rule is there Skip this Step)**

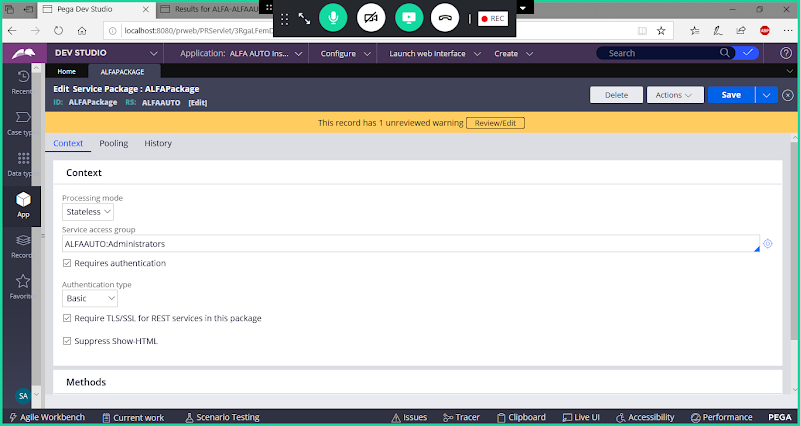




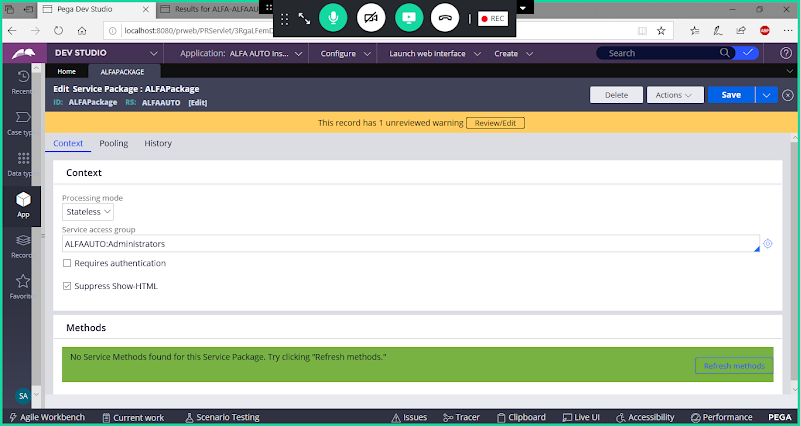
Open



**Add Access Group Name:**

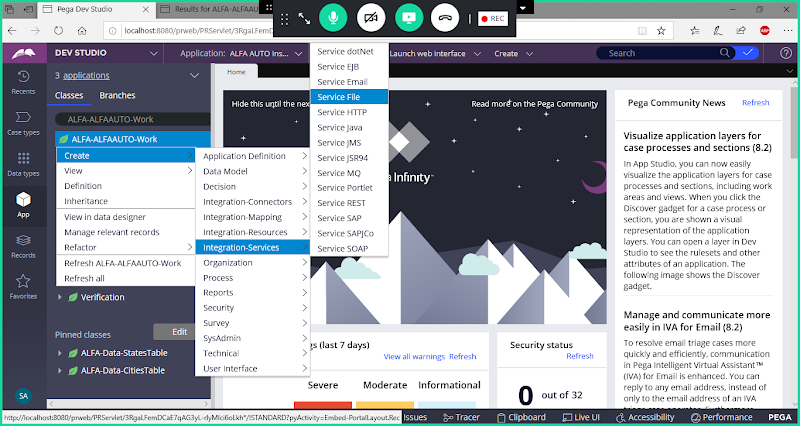


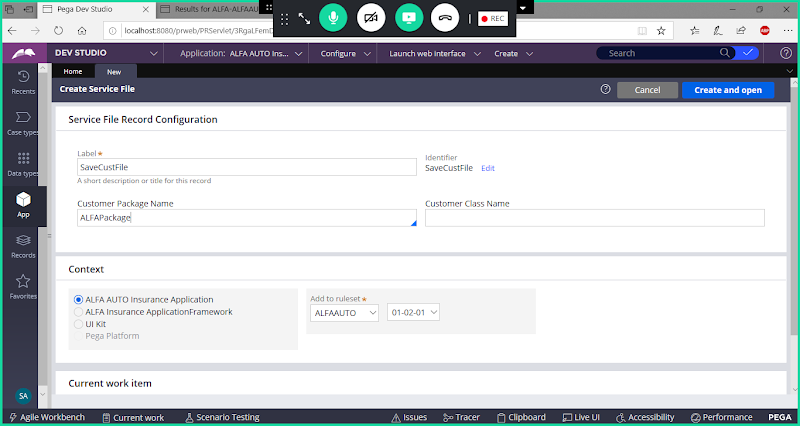
**Uncheck Requires Authentication**

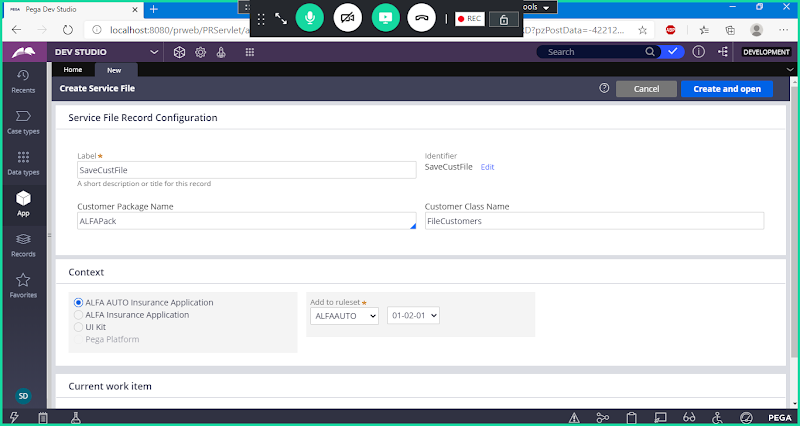


**Save the Package**

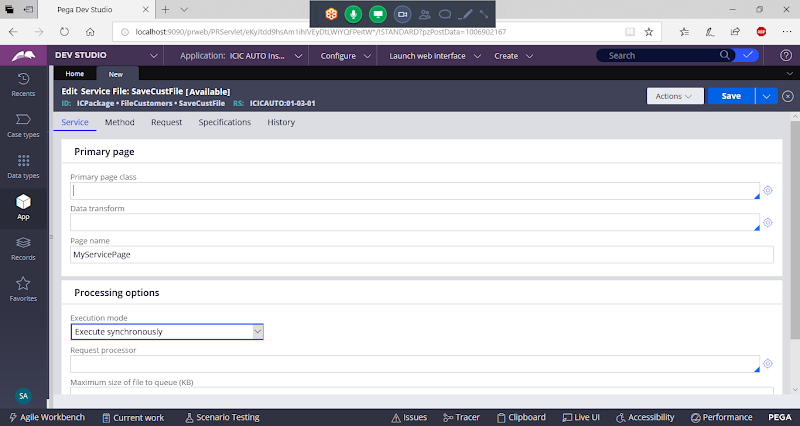
**Create a Service File Rule under Work Class:**



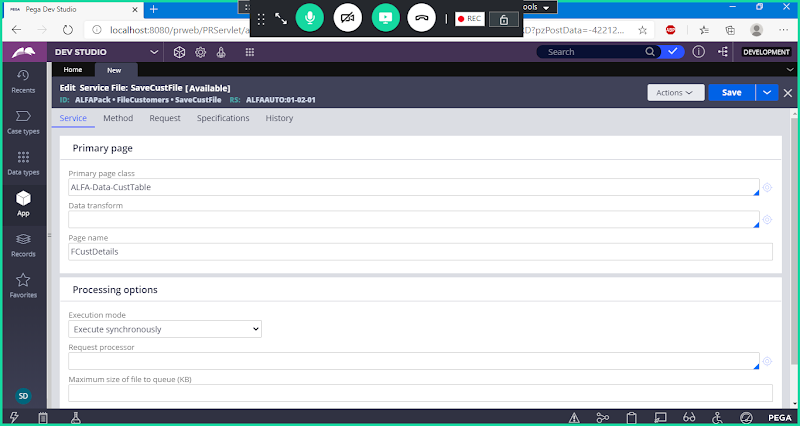




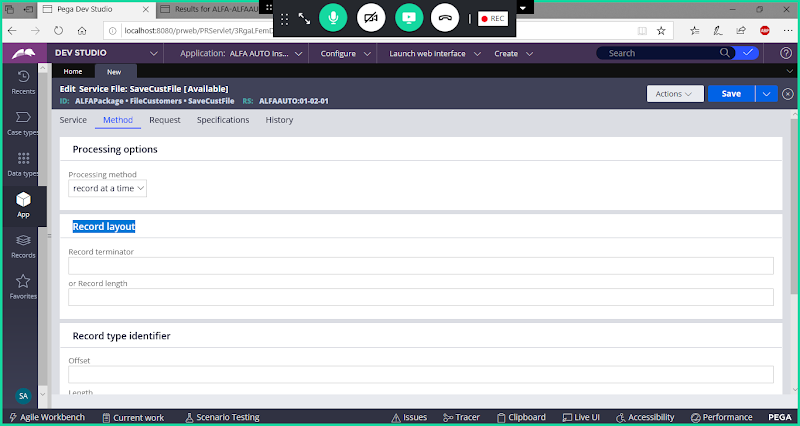
**Open**



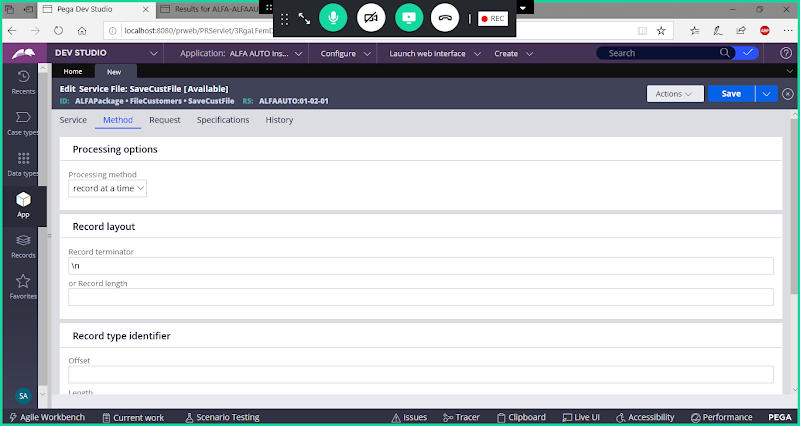
**Add Data Class Name & Change Page Name:**



**Go to Method Tab:**

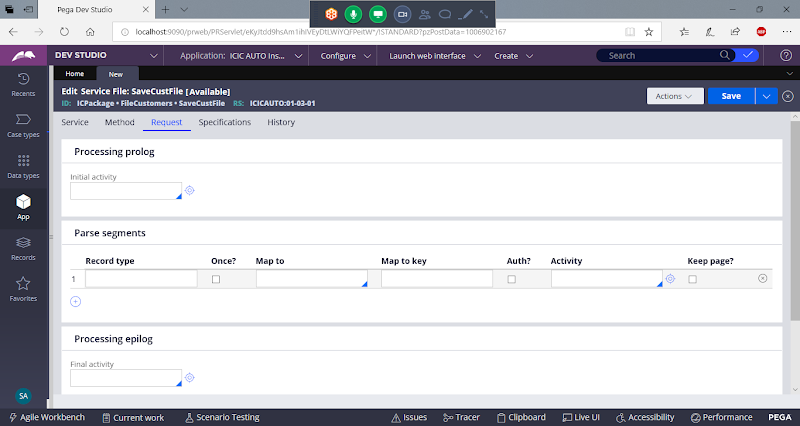


**Add Record Terminator**

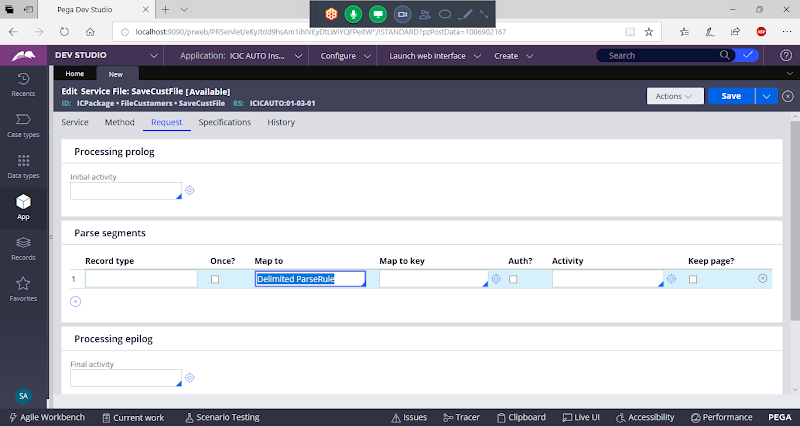


**\n : system will know whether row is completed or not by using \n**

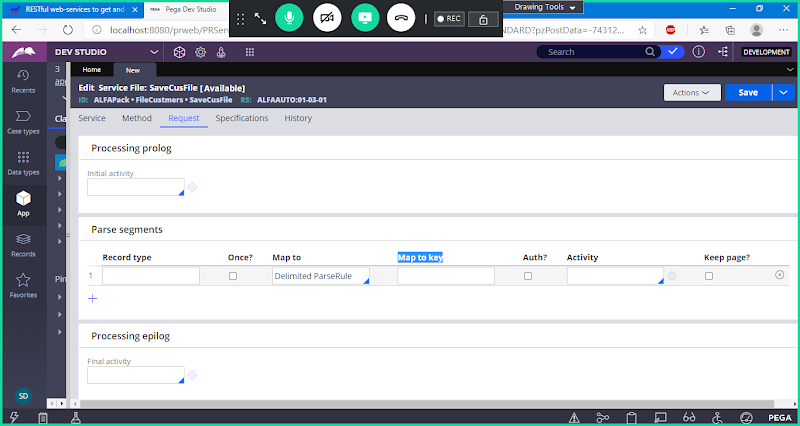
**Go to Request tab:**



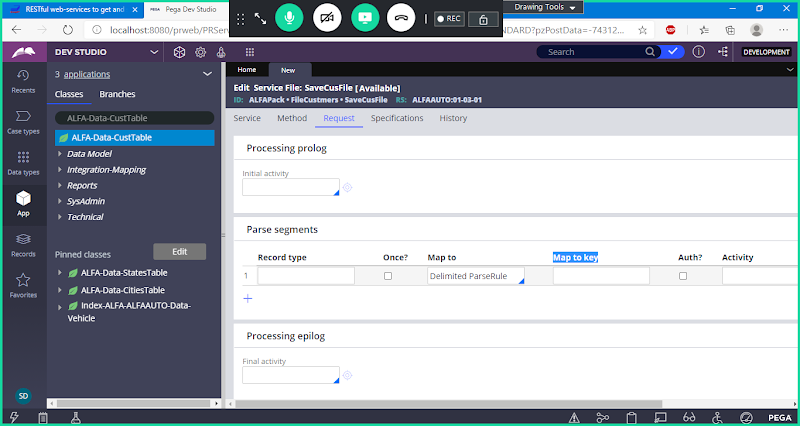
**Under Parse Segments:**

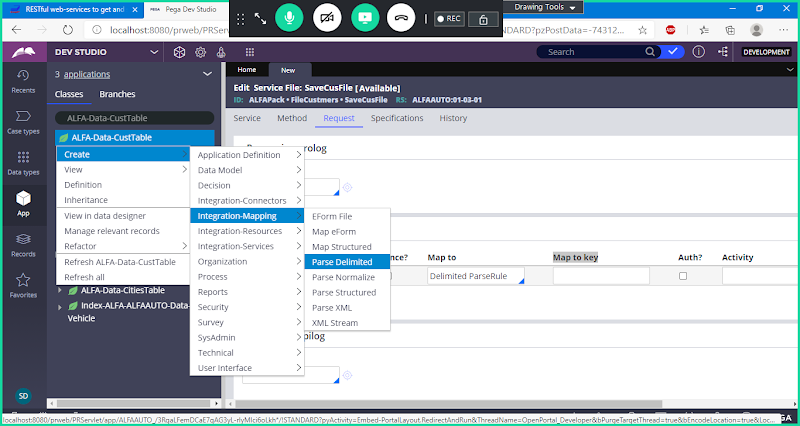


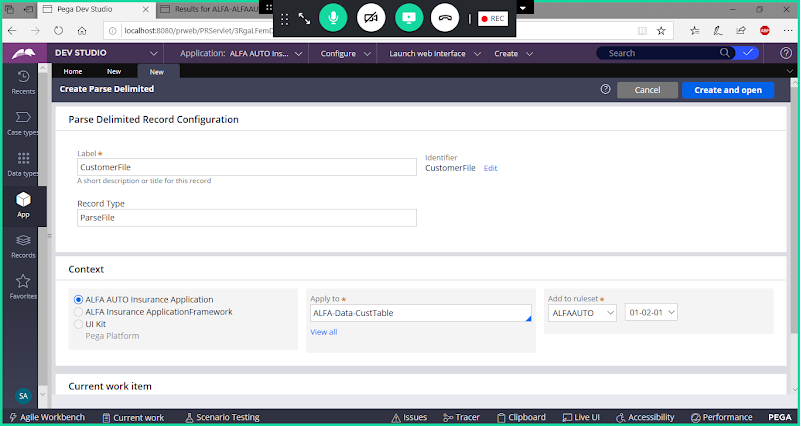
**Under Map to Key -> Open the Rule ( Click on Circle) ( Parse rule will be created under Data Class)**



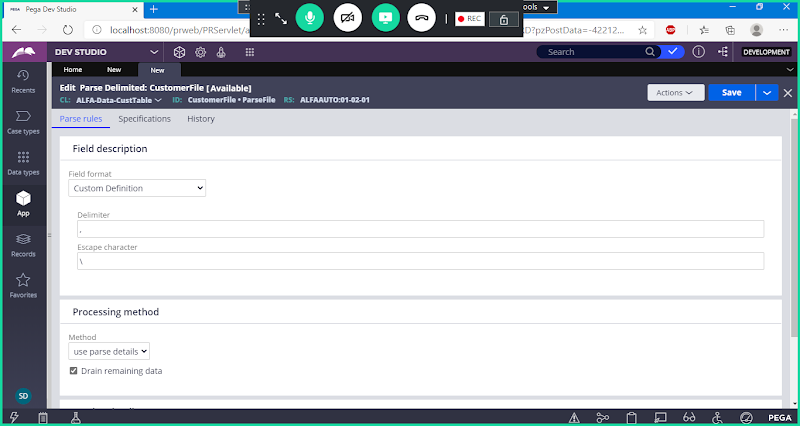
**Open Cust Table Class From App Explorer:**



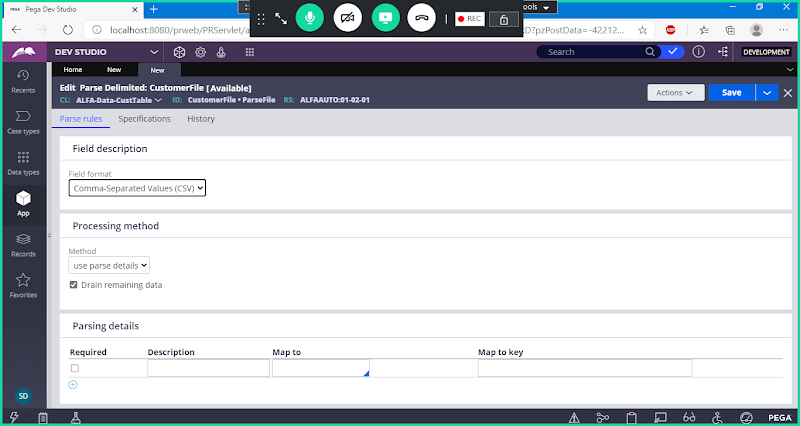


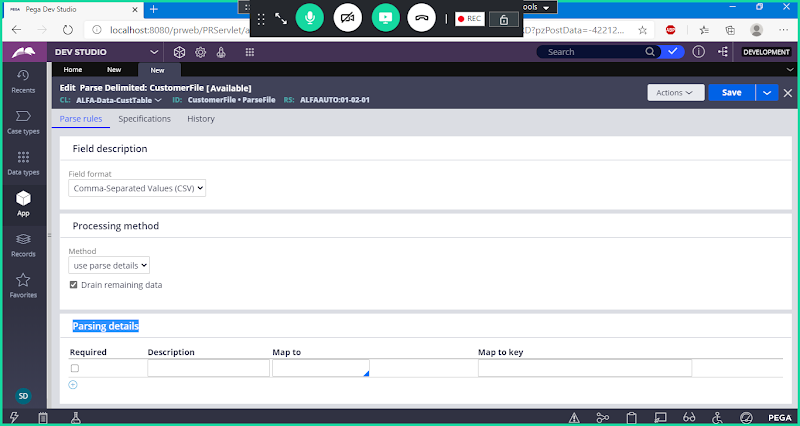


**Open**



**Change Filed Format to Comma Sepeared Values**

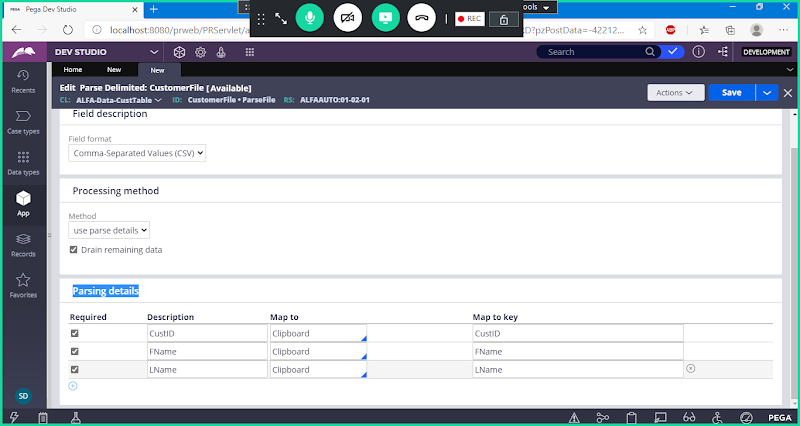




**Scroll Down:**

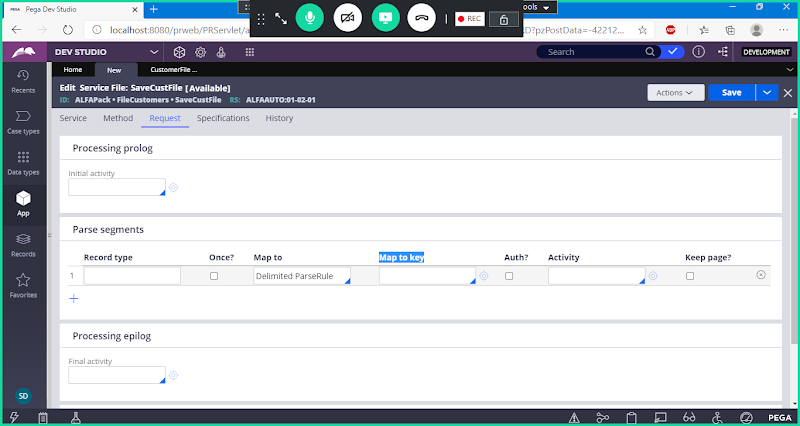
**Parsing Details**

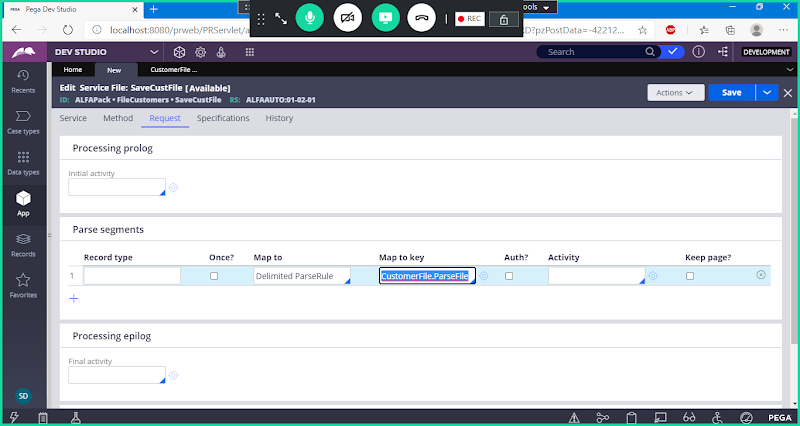
**Now Map Fields:**



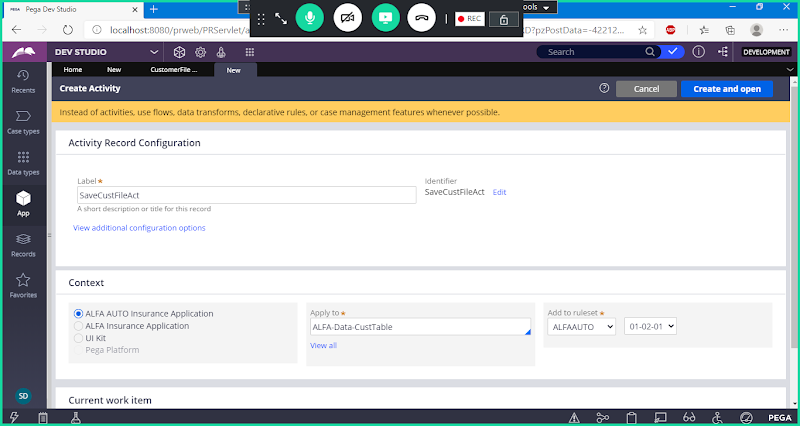
**Save Parse Rule.**

**Call Parse Rule in Service File under Map to Key:**



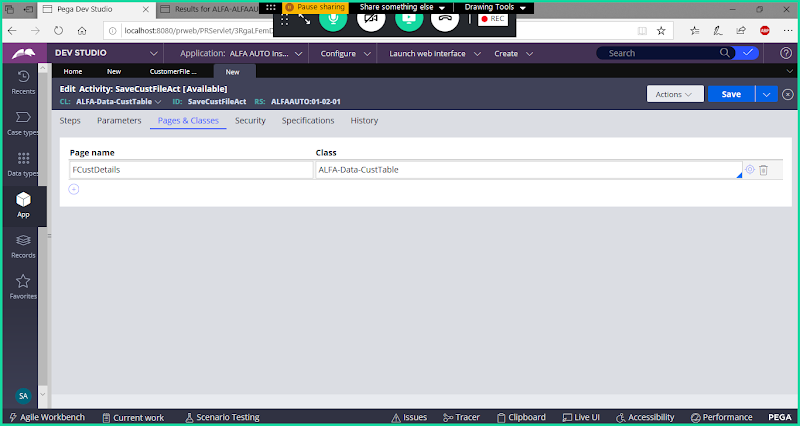


**Now Create Activity-> Open Activity Rule from Circle**



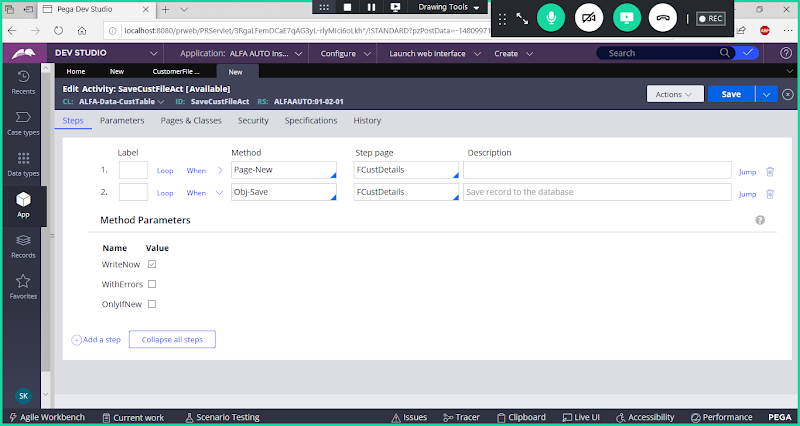
**Open**

**Go to Pages & Classes**

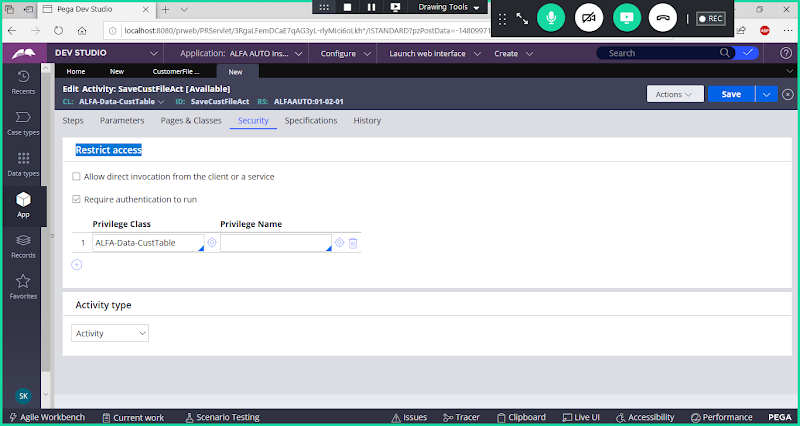


**In Above step Givepagename which is given in Service file rule:**

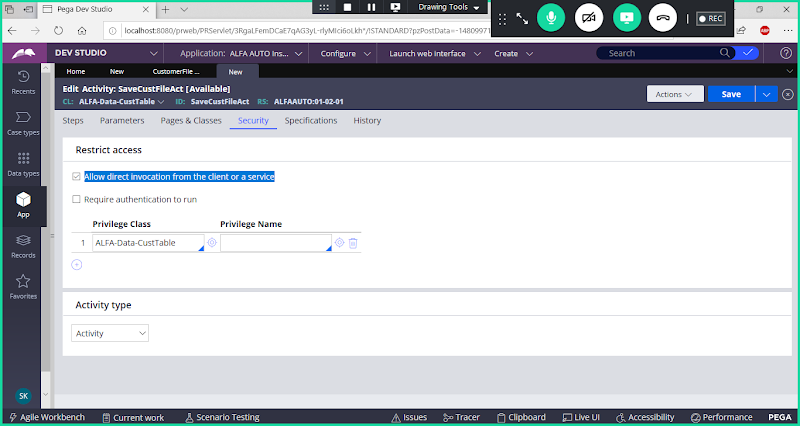
**Go to steps Tab:**



**Go to Security tab:**

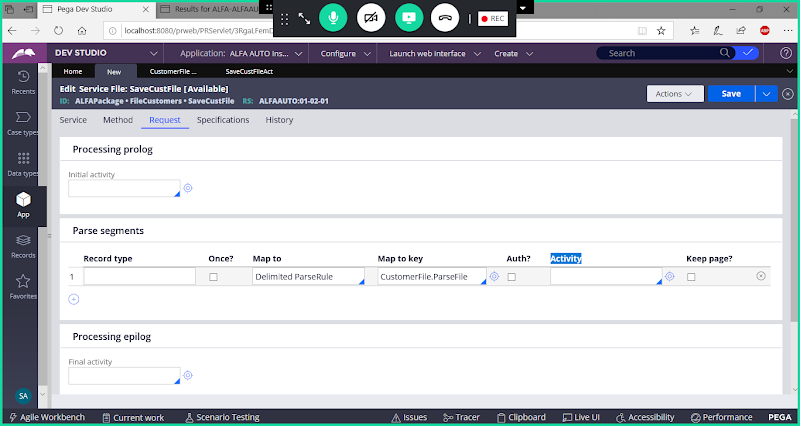


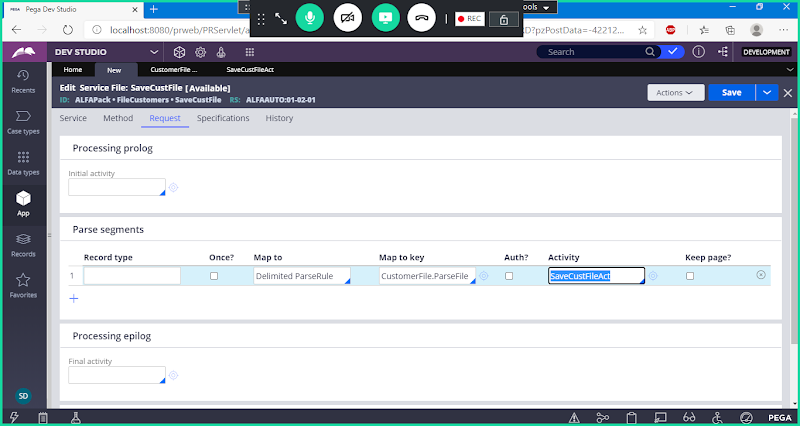
**Change Restrict Access options as shown in below screen:**



**Save Activity**

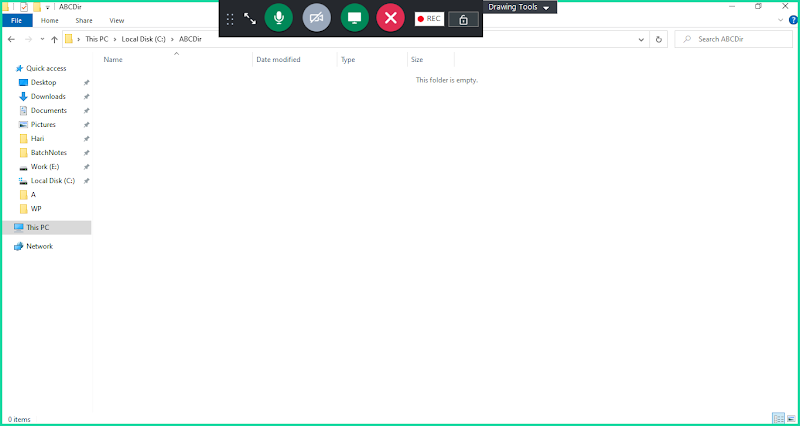
**Call Activity in Service Rule under Request tab:**



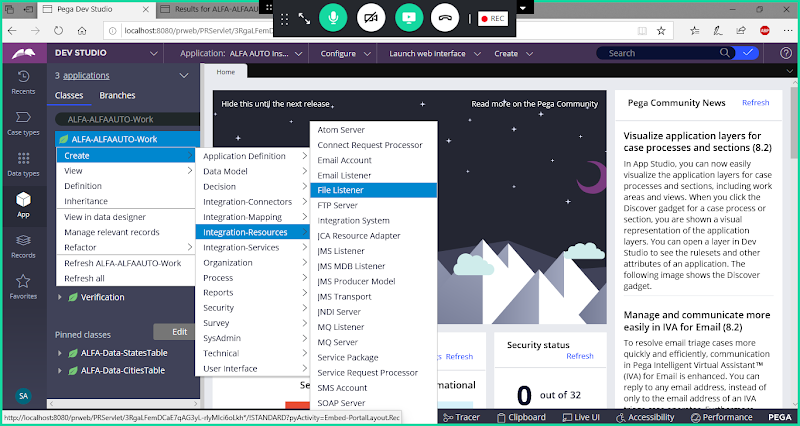


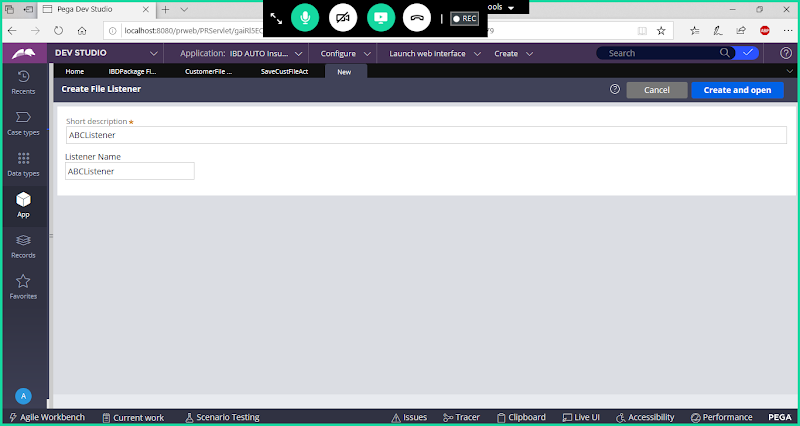
**Save Service File.**

**Create a Directory Path ( Folder) under any Drive: Folder Name ( ABCDir)**

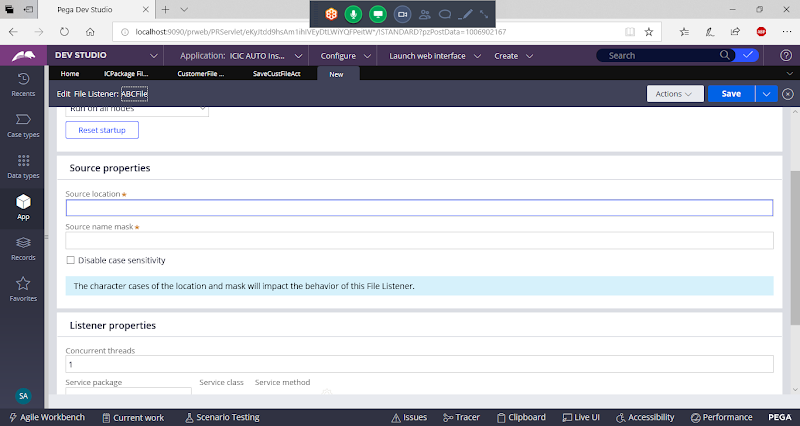


**Create File Listener:**



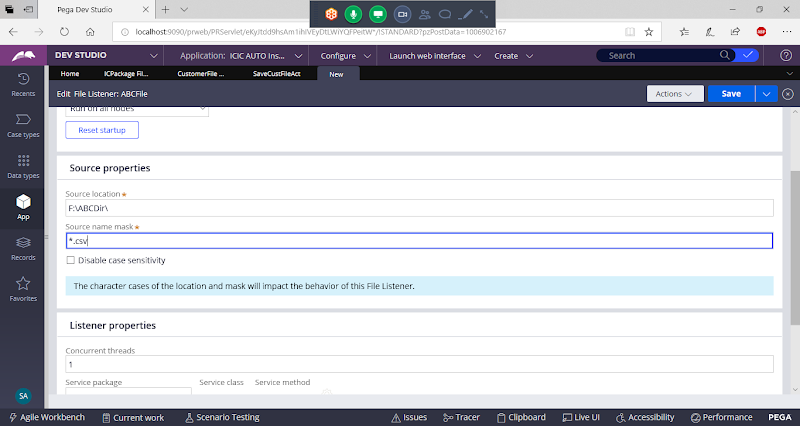


**Open**



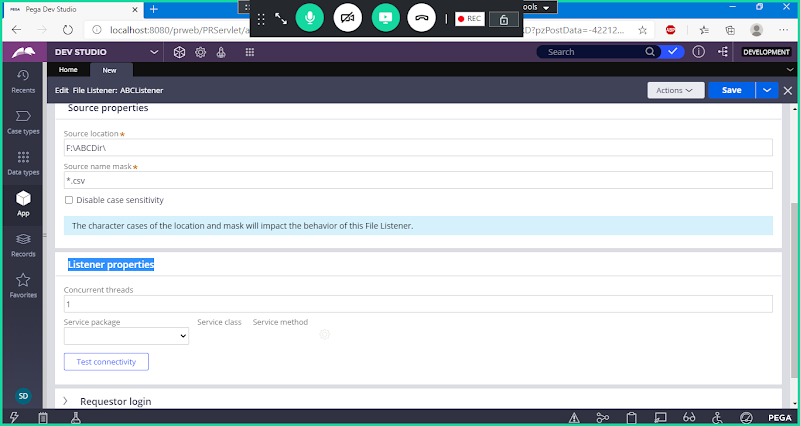
**Dirname:  C:\ABCDir\**

**Source Name: \*.csv**

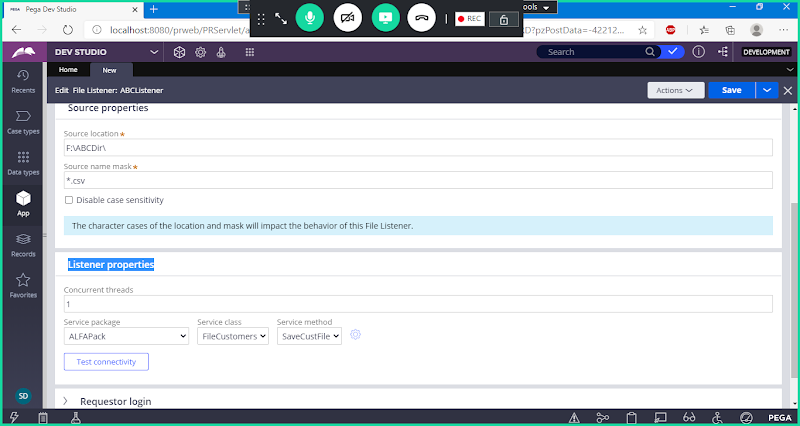


**Scroll down:**

**Configure Listener Properties**

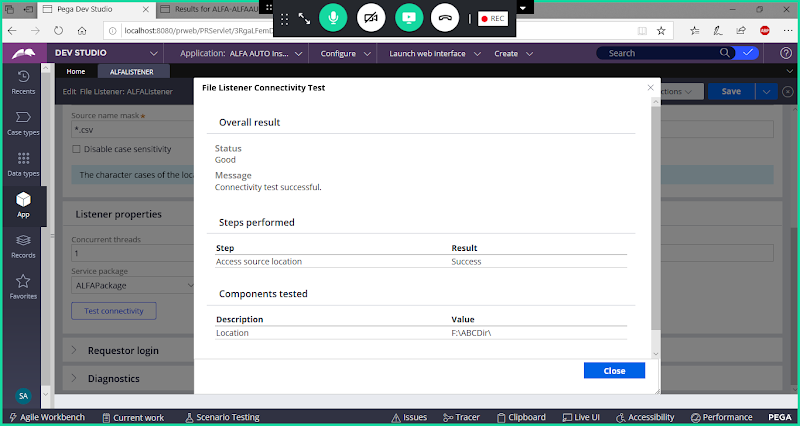


**Add Service Package , Service Class & Method from dropdown:**



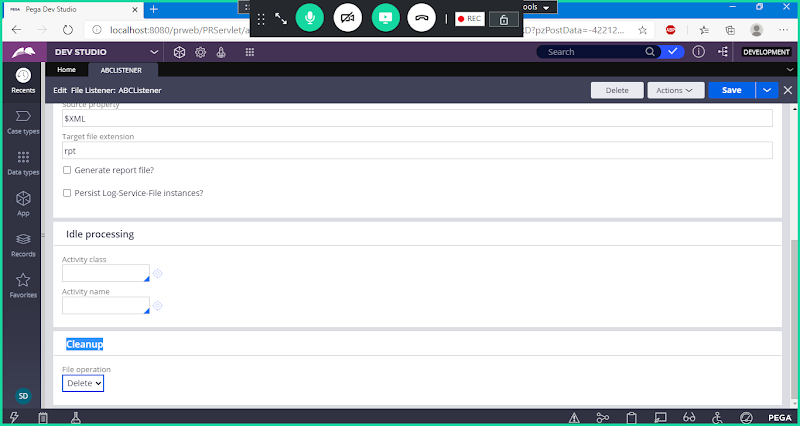
**Save Rule**

**Now Click on Test Connectivity:**

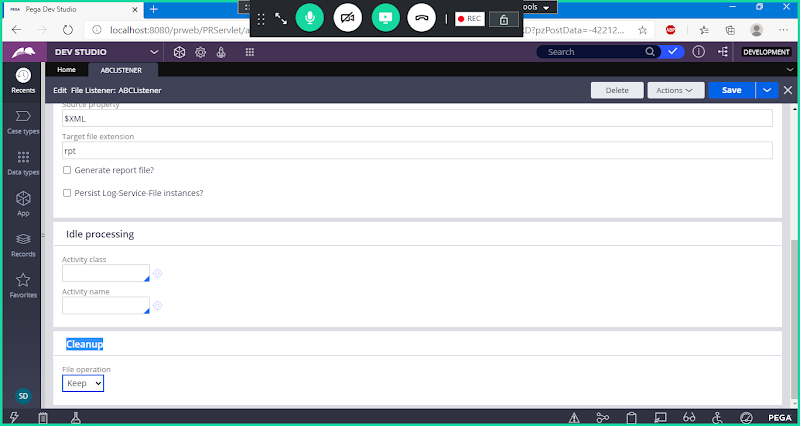


**Click on Close**

**Now go to Process Tab:**



**Cleanup -> Select Keep**

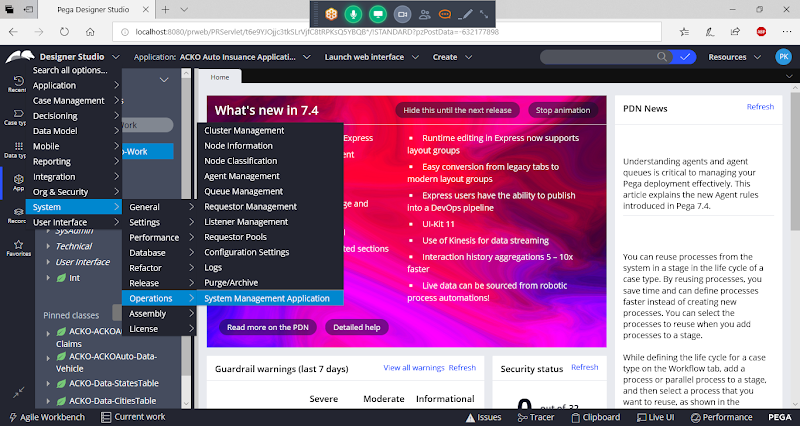


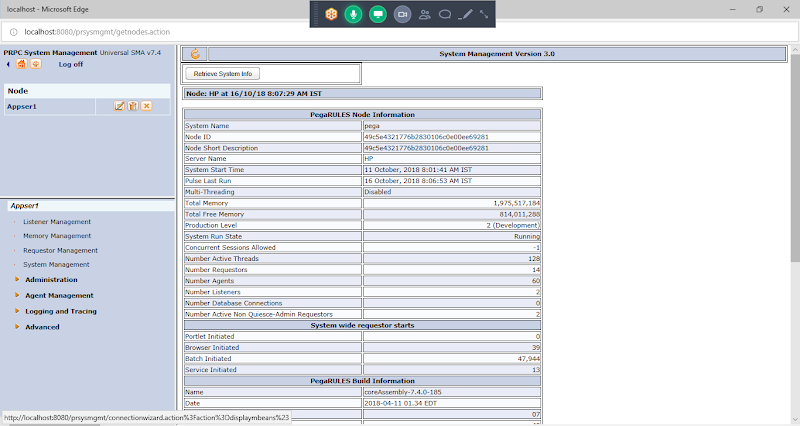
**Save File Listener**

**How to Listener UP to 7.4 Version:**

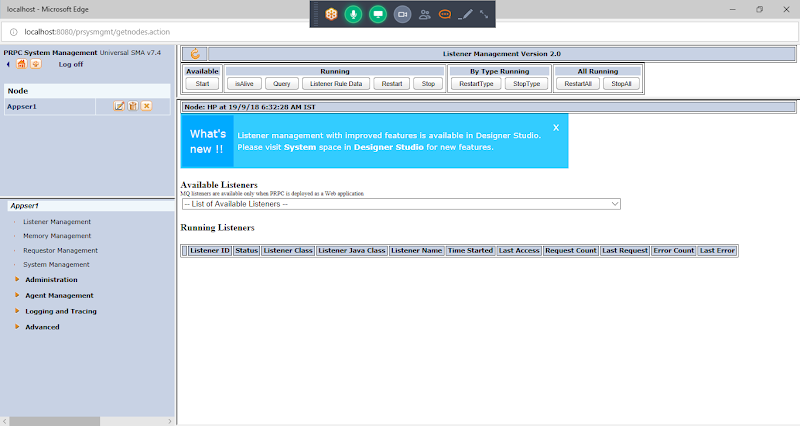
**Now Configure SMA ( Listener)**

**Open SMA -> Open Node & Go to Listener Management**



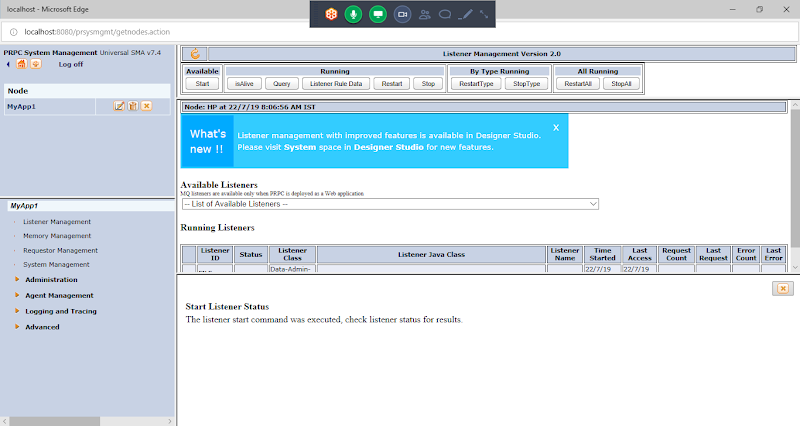


**Go to Listener Management**

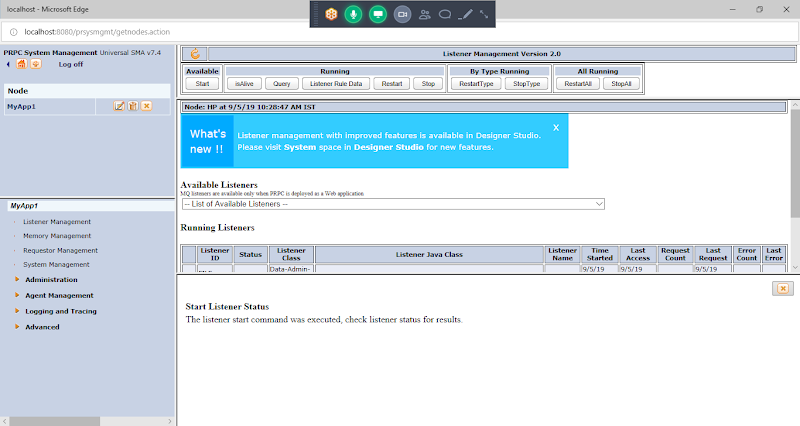


**Under Available Listeners**

**Select Ur File Listener: ( ABCFile)**

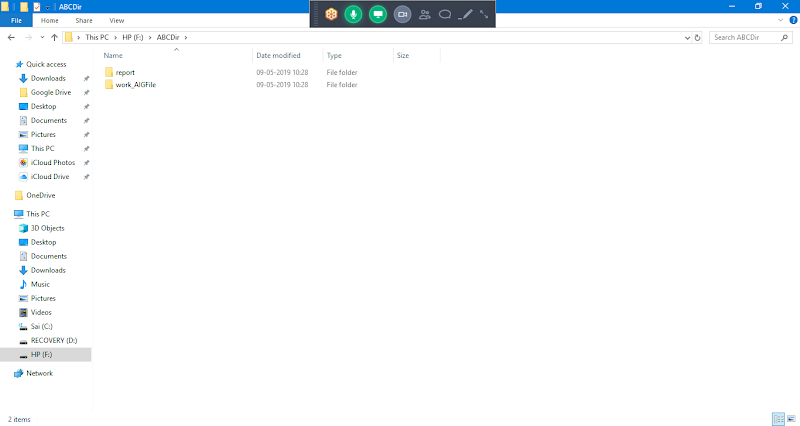


**Click on Start**

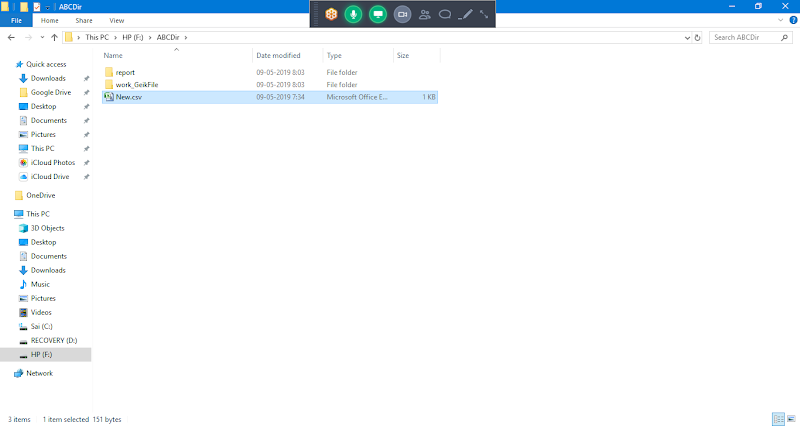


**Now go to directory**

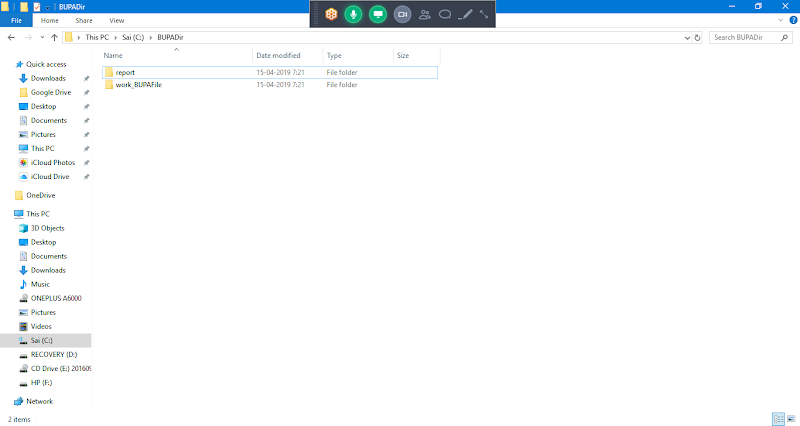
**Copy ur File in the Directory Folder ->**



**Copy File**

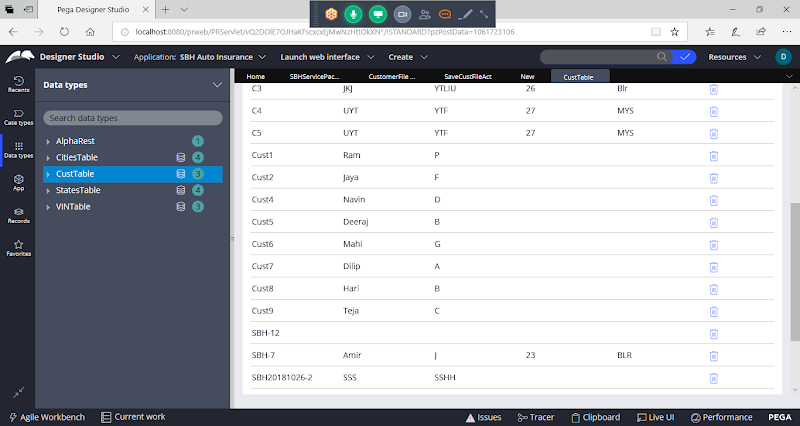


**Check after 30 seconds. Listener will pick the file for every 30 sec**



**Now File has been picked from the directory path & Service File Read the File & Process the File.**

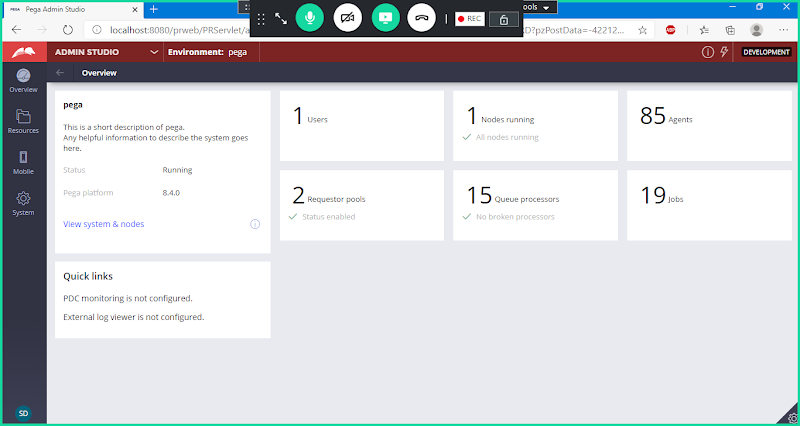
**The Records in the file will be saved to Customer Table:**



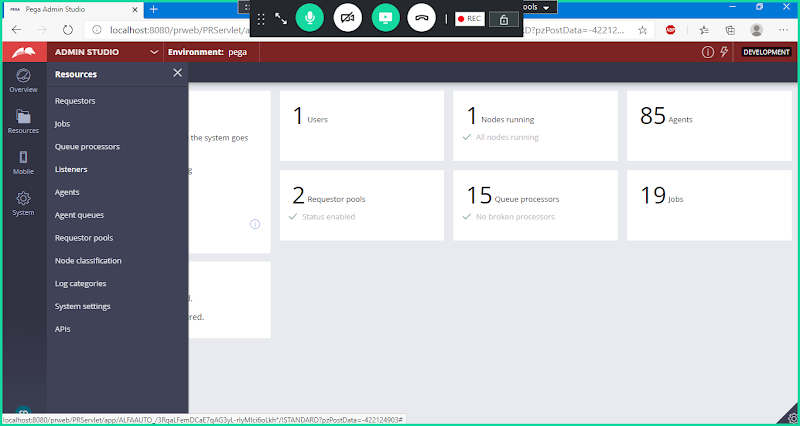
**==========**

**How to Start Listener in 8 Version:**

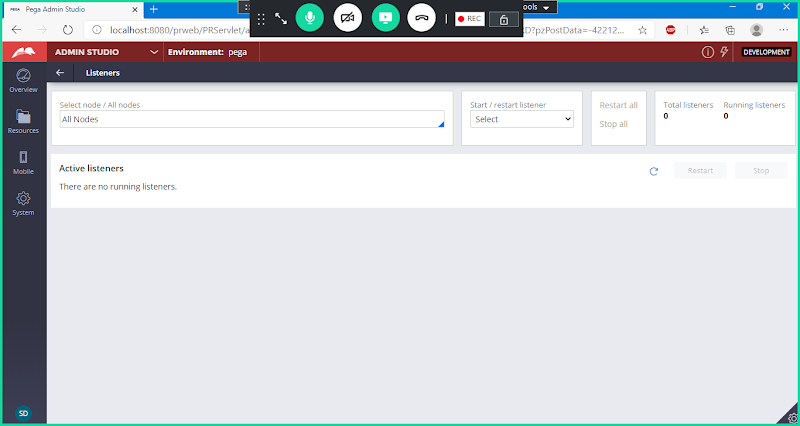
**Switch to Admin Studio:**



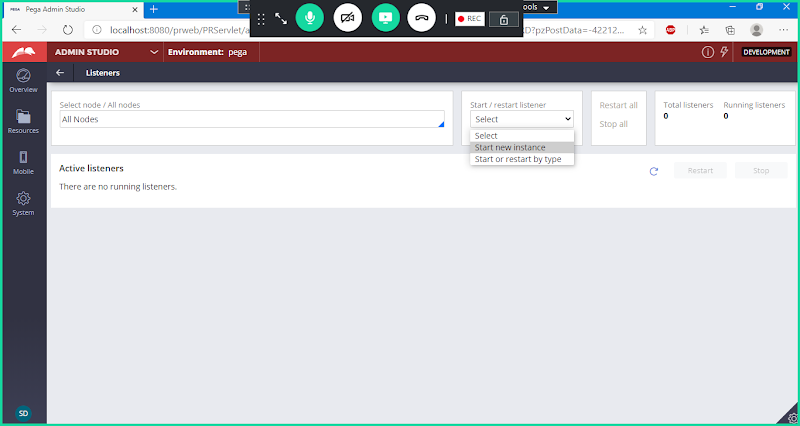
**Go to Resources**



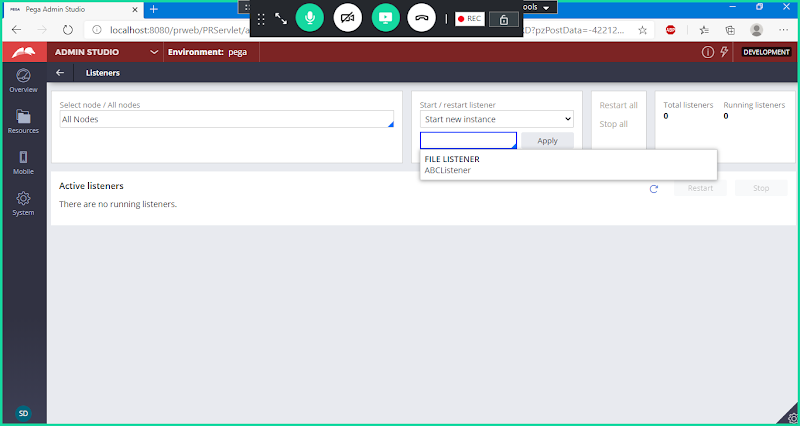
**Click on Listeners**

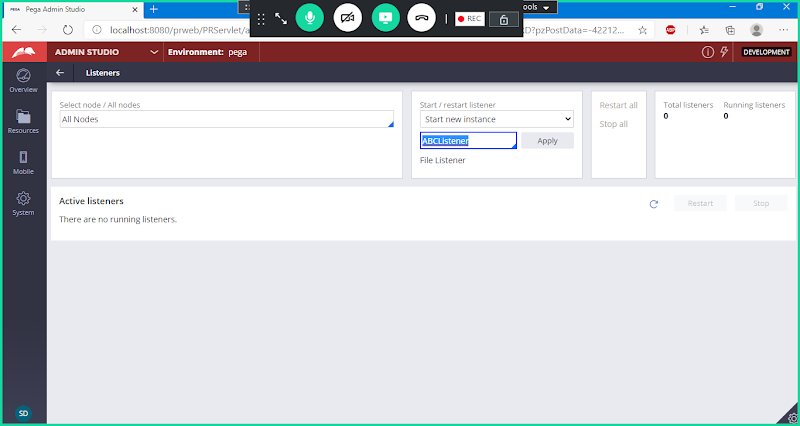


**Under Start/Restart Listener - > Start a New Instance**

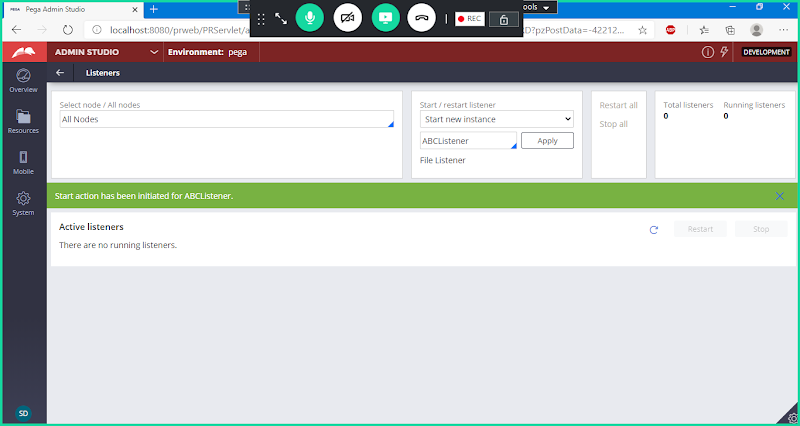


**Now Select Listener Name**

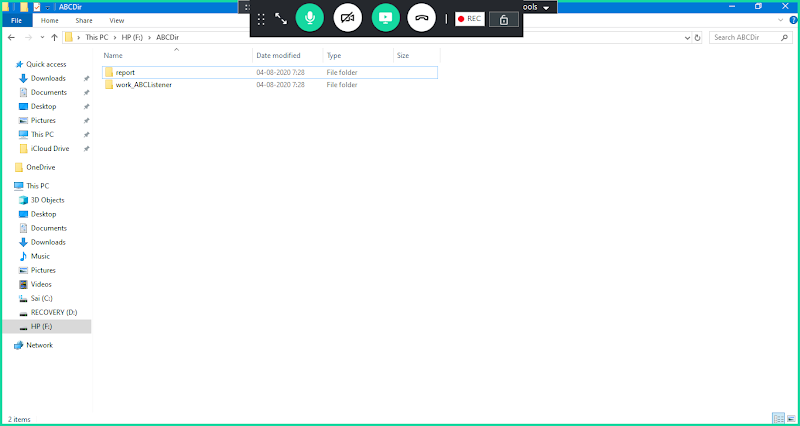




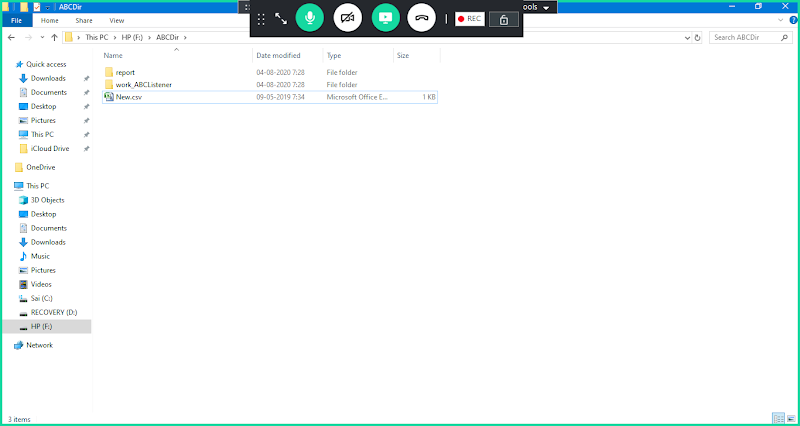
**Click on Apply**



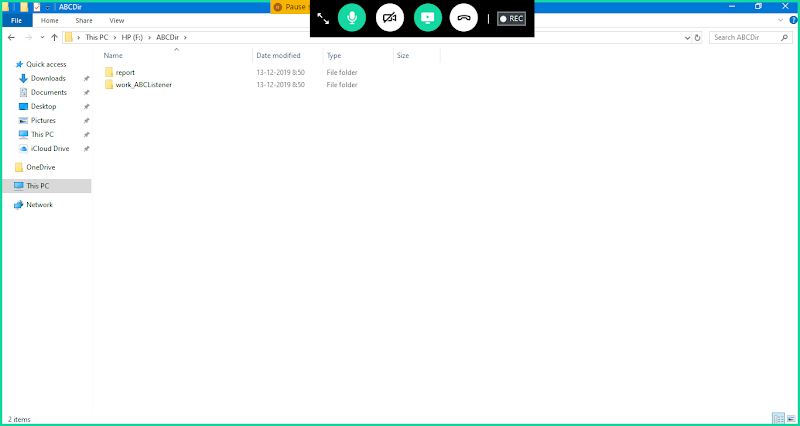
**Now Open Directory Path & Copy CSV file to Directory**



**Now Paste CSV file under Directory Folder**



**After 30 Seconds Listener will pick up the file ( It will refresh for every 30 sec)**



**Now File has been picked from the directory path & Service File Read the File & Process the File.**

**The Records in the file will be saved to Customer Table:**

