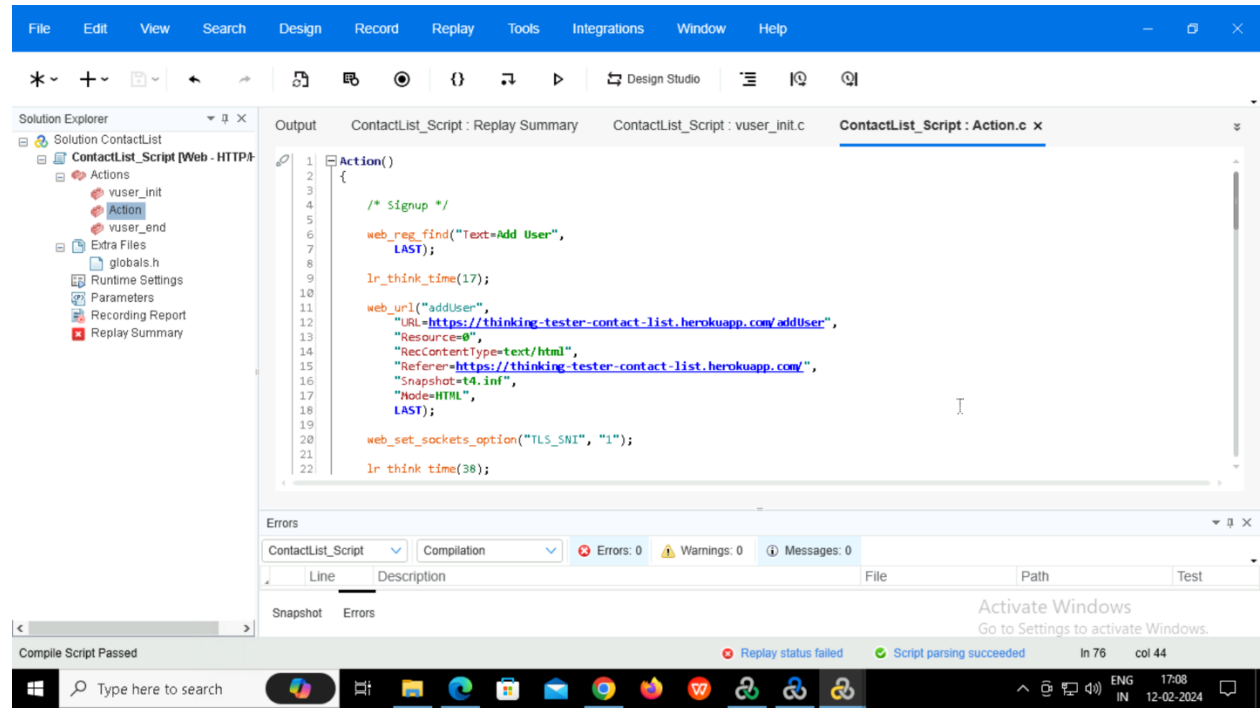


# Load Runner Case Study (ContactList)

## 1. Open Load Runner Vugen

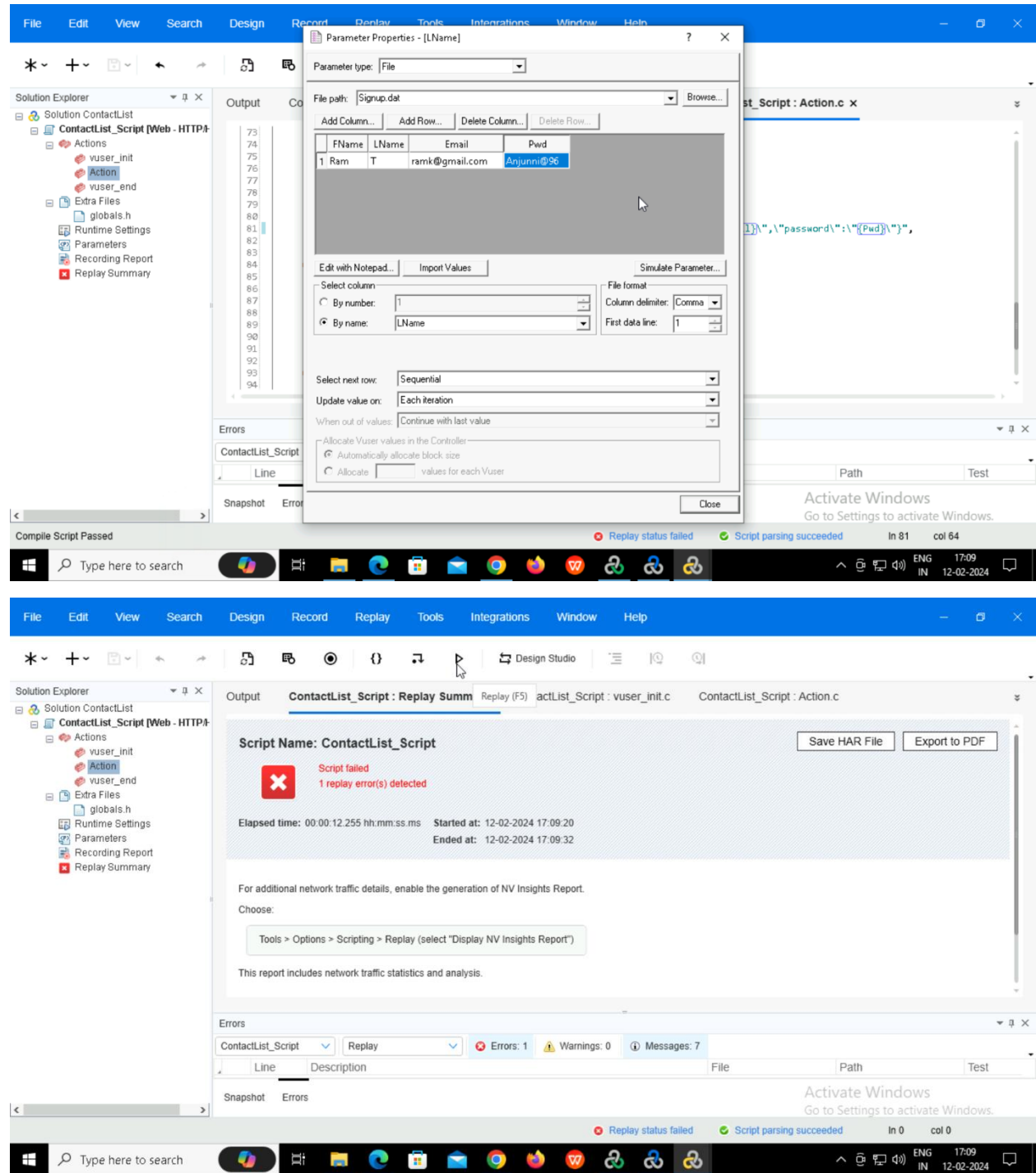
- First step open Vugen then create new script and solution.
- Then start record.
- Here I am selecting Vuser\_Init, Action, then Vuser\_end.
- After recording the code will generate automatically.



- The below four images shows the recording things.

## 2. Replay Summary

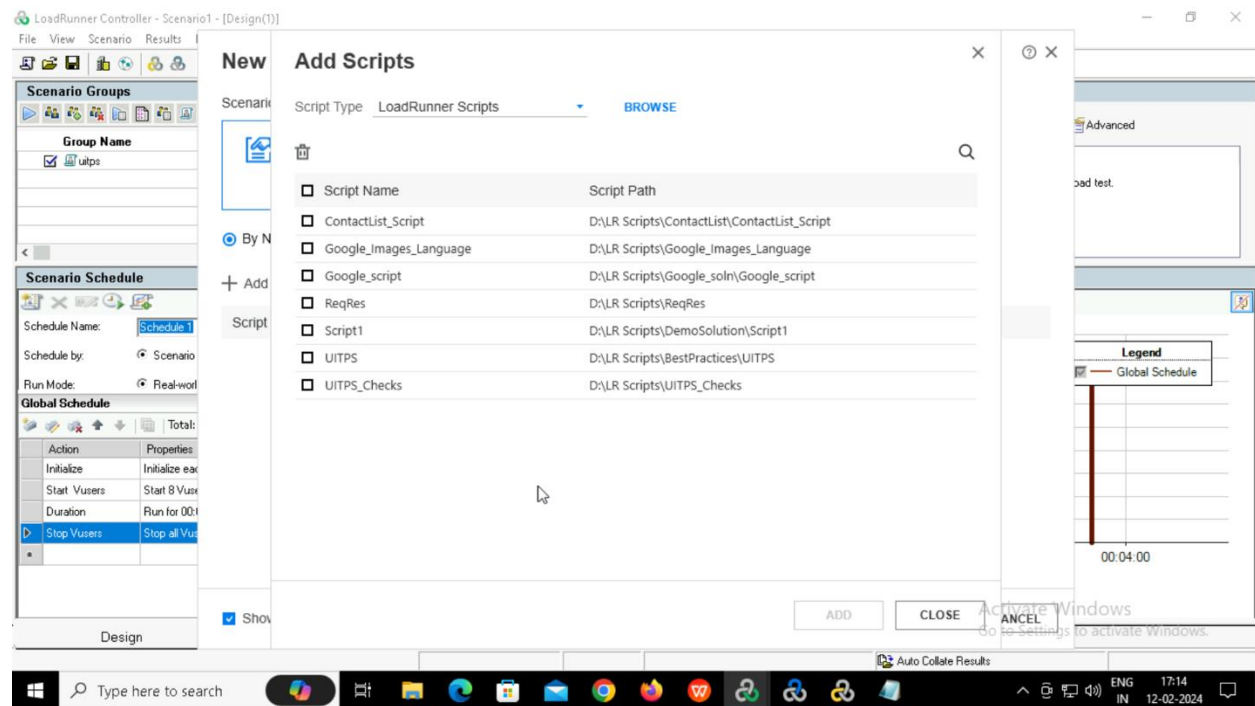
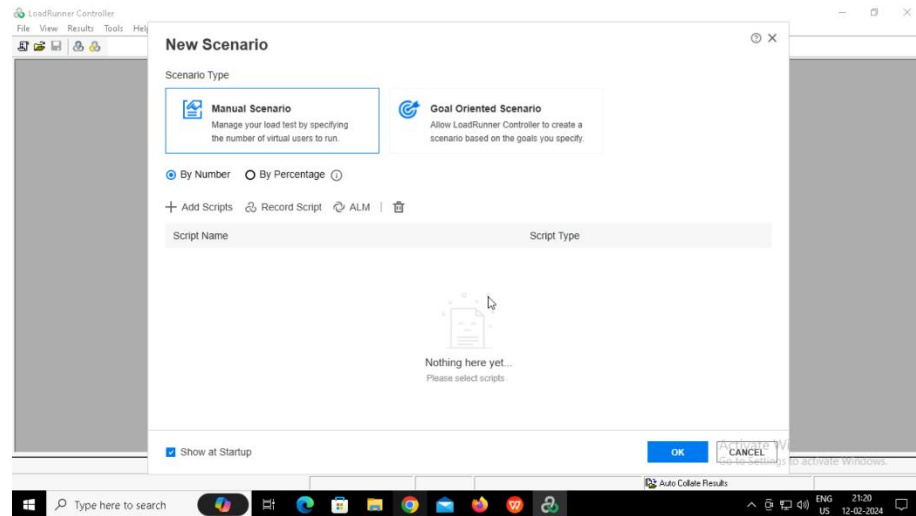
- Before replay summary first I added parametrization then click on replay.
- In replay what it will do is it will check the code is working or not.



### 3. Open Controller

- The controller part done the testing.
- It will test the script that I added in controller.

- In this controller we can add virtual user and setup the time and choose different set of groups.



LoadRunner Controller - Scenario1 - [Design(1)]

File View Scenario Results

**New Add Scripts**

Script Type: LoadRunner Scripts [BROWSE](#)

Script Name	Script Path
<input checked="" type="checkbox"/> ContactList_Script	D:\LR Scripts\ContactList\ContactList_Script
<input type="checkbox"/> Google_Images_Language	D:\LR Scripts\Google_Images_Language
<input type="checkbox"/> Google_script	D:\LR Scripts\Google_soln\Google_script
<input type="checkbox"/> ReqRes	D:\LR Scripts\ReqRes
<input type="checkbox"/> Script1	D:\LR Scripts\DemoSolution\Script1
<input type="checkbox"/> UITPS	D:\LR Scripts\BestPractices\UITPS
<input type="checkbox"/> UITPS_Checks	D:\LR Scripts\UITPS_Checks

**Scenario Groups**

Group Name:

**Scenario Schedule**

Schedule Name:

Schedule by: ☒ Scenario ☐ Group

Run Mode: ☒ Real-world ☐ Basic schedule

**Global Schedule**

Total:

Action	Properties
Initialize	Initialize each Vuser just before it runs
Start Vusers	Start 1 Vusers: 1 every 00:00:15 (HH:MM:SS)
Duration	Run for 00:00:20 (HH:MM:SS)
Stop Vusers	Stop all Vusers: 1 every 00:00:30 (HH:MM:SS)

**Service Level Agreement**

New Details Edit Delete Advanced

Service Level Agreement

Currently no SLA rules are defined for the load test. Click the New button to define SLA criteria for your load test.

**Legend**

Global Schedule

00:04:00

ADD CLOSE CANCEL

Auto Collate Results

Type here to search

ENG IN 17:14 12-02-2024

LoadRunner Controller - Scenario2 - [Design(1)]

File View Scenario Results Diagnostics Tools Help

**Scenario Groups**

Group Name	Script Path	Quantity	Load Generators
<input checked="" type="checkbox"/> contactlist_script	D:\LR Scripts\ContactList\ContactList_Script	1	localhost

**Scenario Schedule**

Schedule Name:

Schedule by: ☒ Scenario ☐ Group

Run Mode: ☒ Real-world schedule ☐ Basic schedule

**Global Schedule**

Total: 1 Vusers

Action	Properties
Initialize	Initialize each Vuser just before it runs
Start Vusers	Start 1 Vusers: 1 every 00:00:15 (HH:MM:SS)
Duration	Run for 00:00:20 (HH:MM:SS)
Stop Vusers	Stop all Vusers: 1 every 00:00:30 (HH:MM:SS)

**Service Level Agreement**

New Details Edit Delete Advanced

Service Level Agreement

Currently no SLA rules are defined for the load test. Click the New button to define SLA criteria for your load test.

**Legend**

Global Schedule

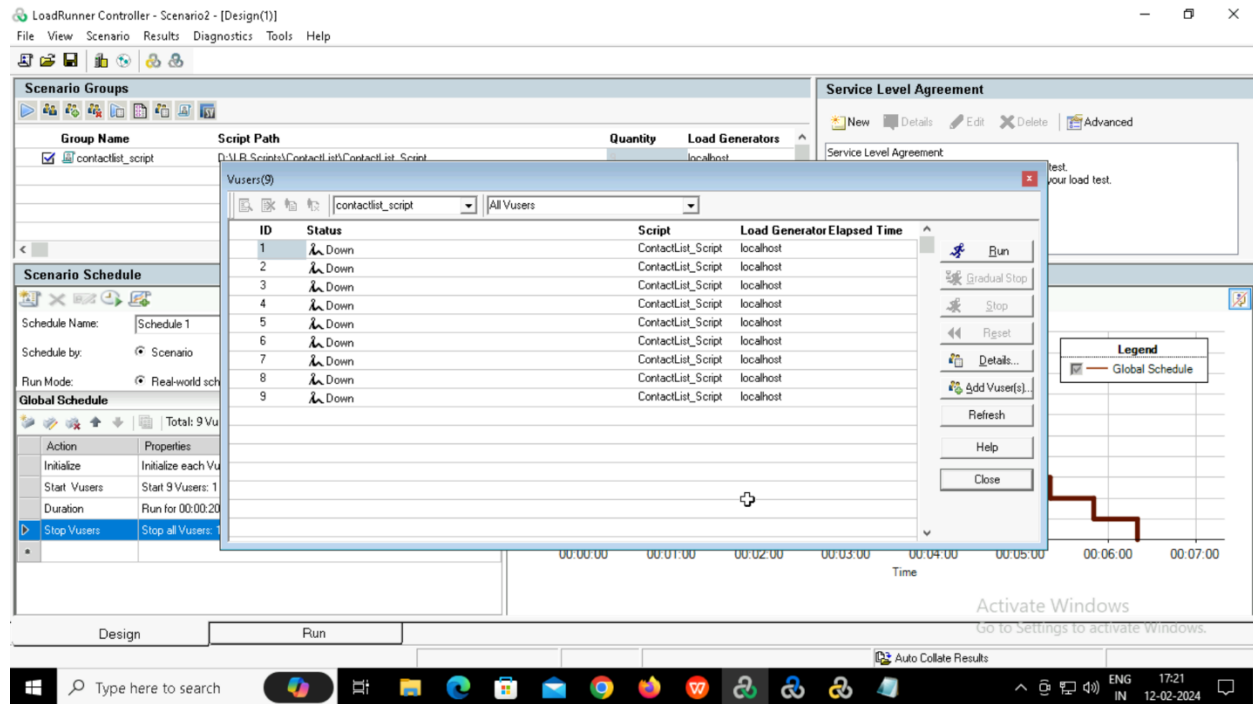
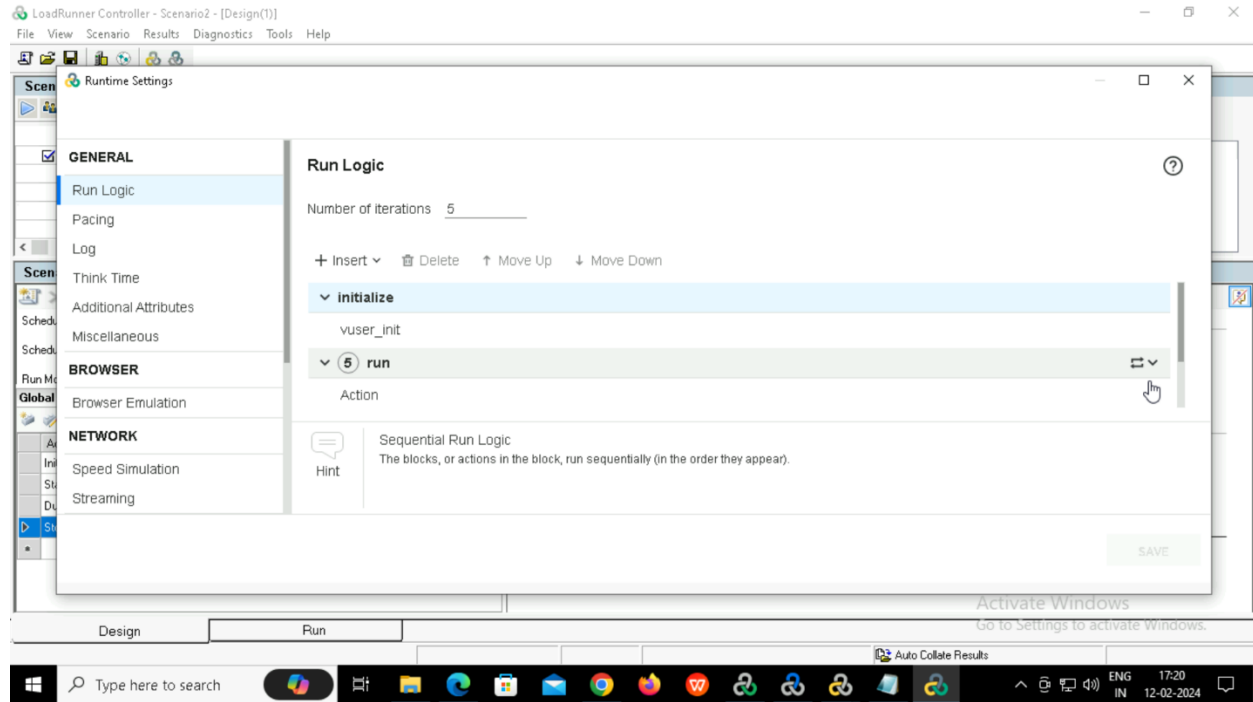
00:00:00 00:01:00 00:02:00

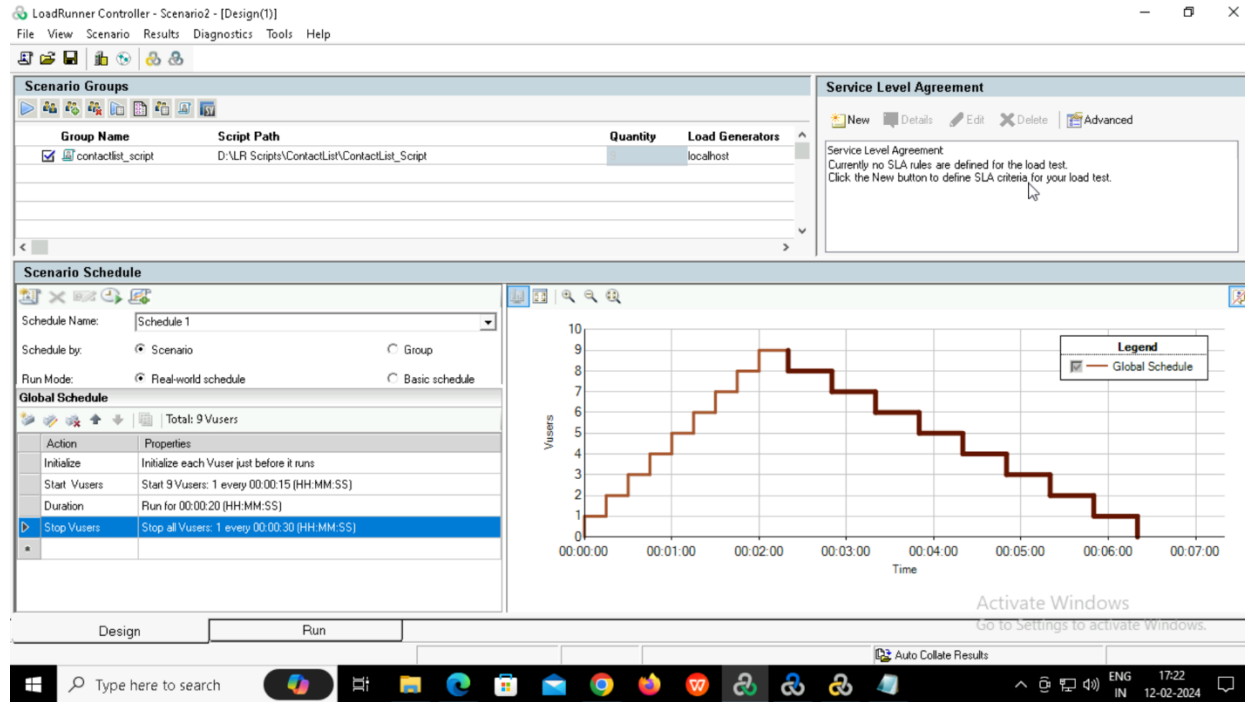
Design Run

Auto Collate Results

Type here to search

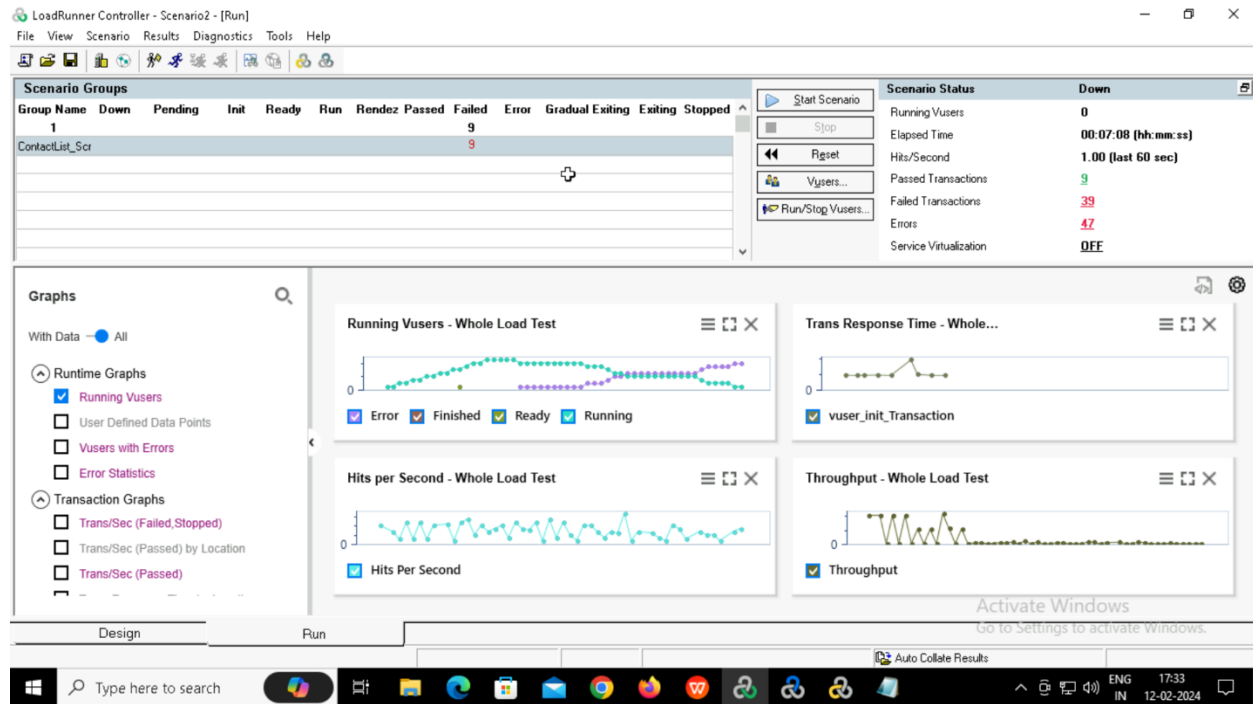
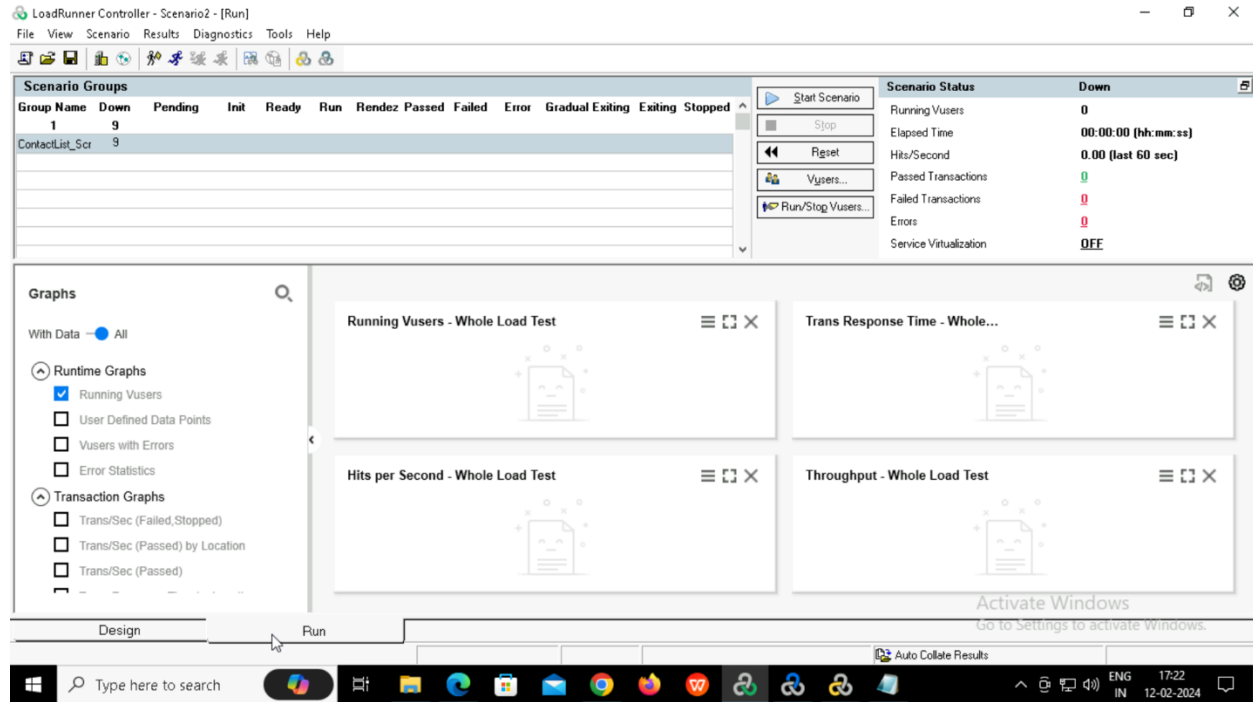
ENG IN 17:16 12-02-2024





#### 4. Analyze the result

- After finishing controller part and analyze that controller result using Analyzer tool.
- In that analyze tool will generate the Html reports.
- In Analyze tool we can add comments also.



LoadRunner Controller - Scenario2 - [Run]

File View Scenario Results Diagnostics Tools Help

Scenario Groups

Group Name	Down	Pending	Init	Ready
1				
ContactList_Scr				

Graphs

With Data: All

- Runtime Graphs
  - ☒ Running Vusers
  - ☐ User Defined Data Points
  - ☐ Vusers with Errors
  - ☐ Error Statistics
- Transaction Graphs
  - ☐ Trans/Sec (Failed, Stopped)
  - ☐ Trans/Sec (Passed) by Location
  - ☐ Trans/Sec (Passed)

Design

LoadRunner Analysis

File Edit View Graph Reports Tools Windows Help

Session Explorer

Session

Creating database

Currently Analyzing

Result: C:\Users...res.lr

80%

Cancel

Legend

Controller Output Messages

SAP Alerts

Status

Down

0

00:07:08 (hh:mm:ss)

1.00 (last 60 sec)

9

39

47

OFF

Whole...

Activate Windows

Go to Settings to activate Windows.

Results

ENG IN 17:34 12-02-2024

LoadRunner Analysis - Session1.lra

File Edit View Graph Reports Tools Windows Help

Session Explorer

Session1.lra

- Reports
  - Summary Report
- Graphs
  - Running Vusers
  - Hits per Second
  - Throughput
  - Transaction Summary
  - Average Transaction Response Time

Properties

Properties

Description: Summary page

Filter: (Include Think T

Percentile: 90

Title: Summary Repo

Summary page shows the summarized analysis on a single page

Controller Output Messages

Complete data

Summary Report

Running Vusers

Hits per Second

Throughput

Transaction Summary

Average Transaction Response Time

12-02-2024 17:22:25

Run Time

7m: 8s

Duration

Scenario2

Scenario Name

res

Result Name

SCENARIO SCHEDULE

Users

0 2.5 5 7.5 10

00:00:00 00:01:00 00:02:00 00:03:00 00:04:00 00:05:00 00:06:00

STATISTICS

- Maximum Running Vusers: 9
- Total Throughput (bytes): 43,0
- Average Throughput (B/s): 10,0
- Total Hits: 296
- Average Hits per Second: 0.65
- Passed Transactions Ratio: 18.7

TRANSACTIONS

Activate Windows

Go to Settings to activate Windows.

ENG IN 17:34 12-02-2024



