



SESI *HANDS ON* PENGUJIAN PRESTASI MENGGUNAKAN JMETER (*BEGINNER LEVEL*)

30 NOV – 2 DIS 2020

Disediakan Oleh:
Roshaimieza Mat Adam

TUGASAN PESERTA

1. CREATE NEW JMETER TEST PLAN USING TEMPLATES (SELESAI)
2. SCRIPTING, ADD TOKEN AND RESPONSE ASSERTION
 - ✓ Bixtxn 1: Create Users (SELESAI)
 - ✓ Bixtxn 2: Create Tickets
 - ✓ Bixtxn 3: View Report
3. DATA PREPARATION
 - ✓ Prepare CSV File
 - ✓ Add users using Bixtxn 1
4. PERFORMING LOAD TEST
5. GENERATE REPORT
 - ✓ Save Summary Report
 - ✓ Generate HTML Report
6. REPORT PRESENTATION
 - ✓ Using report templates



Transaction Name/Prefix	Activities Create User
LandingPage	Type url 192.168.43.117/hesk/admin
Login	Fill up login credential administrator, administrator
ClickUsers	Click tab users
	Fill up user info <ul style="list-style-type: none"> • Fill up Profile Information <ul style="list-style-type: none"> ✓ Real name: pengguna01 ✓ Email: pengguna01@gmail.com ✓ Username: pengguna01 ✓ Password: password ✓ Confirm password: password • Permission <ul style="list-style-type: none"> ✓ Choose : Staff ✓ Choose :Can run reports (all)
CreateUser	Click Create User
Logout	Click logout

Transaction Name/Prefix	Activities Create Ticket
LandingPage	Click url 192.168.43.117/hesk/admin
LoginCredential	Fill up login credential pengguna01, password
NewTicket	Click tab +New Ticket Fill up the form
CreateTicket	Click Submit Ticket
GoHome	Click Home
Logout	Click Logout

Prefix	Activities View Report
LandingPage	Click url 192.168.43.117/hesk/admin
LoginCredential	Fill up login credential pengguna01, password
Report	Click tab Reports
SelectDate	Select From 29/09/2020 to 29/09/2020
DisplayReport	Click Display Report
Logout	Click Logout

PERFORMING LOAD TEST

DATA PREPARATION FOR 1,500 USERS IN SYSTEM USING BIZTXN 1:

No	Business Transactions	No of Concurrent User
1	BizTxn 1: Create Users	100
	Ramp Up (second)	50
	Loop	15
	Scheduler (second)	-
3	Total	1,500

PERFORMING LOAD TEST

No	Business Transactions	Weightage (%)	No of Concurrent User			
			Iteration 1	Iteration 2	Iteration 3	Stress Test
1	BizTxn 2: Create Tickets	80	80	160	400	800
	Ramp Up (second)	-	40	80	100	200
	Loop (Forever)	-	Yes	Yes	Yes	Yes
	Scheduler (second)	-	220	260	380	700
2	BizTxn 3: View Reports	20	20	40	100	200
	Ramp Up (second)	-	10	20	50	100
	Loop (Forever)	-	Yes	Yes	Yes	Yes
	Scheduler (second)	-	220	260	380	700
3	Total	100	100	200	500	1000



**SELAMAT
MENCUBA!!**

TERIMA KASIH

