Metrics Results Effort

	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8	Run 9	Run 10	Average			
Angular	17,9	12,7	13,8	11,2	13,3	14	14,	5 14,3	13,3	14,4	13,94			
React	14	15,2	13,1	12,1	8,6	8,2	7,	1 9,8	11	11,4	11,05			
Diffference	3,9	-2,5	0,7	-0,9	4,7	5,8	7,	4 4,5	2,3	3	2,89			
														1
	CP	U Usage Pe	rcentage					Difference in	CPU Usage	e Percentac	e Between	Angular and	1	
		Ü		Angular Re			1 1	React	J			· ·		
			_	Angular Ke	acı									
		20 —						Run 1						
								Run 2						
								Run 3						
		15		_				Run 4						
								Run 5						
	gage	10 —						Run 6						
	Percentage	10						Run 7						
	Per							Run 8						
		5 —						Run 9						
		3						Run 10						
								1	-2	0 2	4	6	8	
		0						-	-2	2	4	· ·	0	
			Run 2 Run 3 Ri	un 4 Run 5 Ru	un 6 Run 7 Ru	n 8 Run 9 Run	10			Percer	tage			
		1							1				1	

Metrics Results LOC

Ang	jular		Technology	Lines of Code
language	code		Angular	454
TypeScript	269		React	583
HTML	104			
SCSS	81			
Total	454			
Re	act			
language	code			
CSS	15			
TypeScript Rea	536			
TypeScript	32			
Total	583			

Metrics Results Time

	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8	Run 9	Run 10	Average	
Angular	485	445	372	351	363	347	353	444	340	348	384,8	
React	411	337	315	329	235	214	270	233	267	282	289,3	
	74	108	57	22	128	133	83	211	73	66	95,5	
	16,52%	27,62%	16,59%	6,47%	42,81%	47,42%	26,65%	62,33%	24,05%	20,95%	28,33%	
	Loa	ading Execu	tion Time (r	∩S) Angular ■ Re	ant .			Percentage	e Variance i	n Loading T	ime Betwee	n the Frameworks
	300 400 300 200 100	Run 1 Run 2				8 Run 9 Run	10	60 ————————————————————————————————————	1 Run 2 Run	3 Run 4 Run	5 Run 6 Run 7	Run 8 Run 9 Run 10

Metrics Results Memory

	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8	Run 9	Run 10	Average				
Angular	20,2	5 19,39	19,12	21,19	19,47	19,12	19,39	19,37	19,12	19,03	19,546				
leact	9,0	1 6,75	12,95	12,97	13,03	13,04	12,9	12,89	12,83	12,98	11,935				
Percentage Variance	124,86%	6 187,26%	47,64%	63,38%	49,42%	46,63%	50,31%	50,27%	49,03%	46,61%	63,77%				
	N 2	Memory Us		■ Angular				Per			Memory U	sage Bet	ween the	e e	
		5 —	Н					50						_	
		0 Run 1 F	Run 2 Run 3	Run 4 Run 5	Run 6 Run	7 Run 8 R	Run 9 Run 10		0	Run 2 Run 3	Run 4 Run 5	Run 6 Ri	un 7 Run 8	Run 9	Run 10

Metrics Results General

	Effort (%)	Lines of Code	Execution Time (ms)	Memory Usage (MB)
Angular	13,94	454	384,8	19,546
React	11,05	583	289,3	11,935