Project Design Phase-II Solution Requirements (Functional & Non-functional)

Date	20 May 2023		
Team ID	NM2023TMID06421		
Project Name	Autonomous Tagging Of Stack Overflow		
	Questions		

Solution Performance:

Following are the solution performance for Autonomous Tagging Of Stack Overflow Questions

Param eter	Values	Screenshots							
CtCi									
Metrics	1. Cross Validation	CLF: SGDClassifier							
	Accuracy	Jaccard score: 29.356287425149695							
	ricearacy	Log loss: 19.61	L2996899	048326					
	2.Log Loss	Area under ROC	curve:	0.60975	2434897	6286			
	3.Area Under	Classification	report:						
	Roc curve Cross		precision	recall	f1-score	support			
	4.Validation	.net	0.50	0.21	0.30	105			
	Classification	.net-3.5 ajax	0.00	0.00 0.00	0.00 0.00	5 6			
		algorithm		0.07	0.12	15			
	5.Classification	architecture	0.00	0.00	0.00	4			
	Report	arrays	0.50	0.14	0.22	7			
		asp.net		0.35	0.45	48			
		asp.net-mvc	1.00	0.63	0.77 0.25	19			
		bash c	1.00 0.38	0.14 0.10		7 29			
		c#	0.57	0.30	0.39	150			
		C++	0.70	0.28	0.40	58			
		cocoa	0.00	0.00	0.00	14			
		cocoa-touch	0.33	0.08	0.13	12			
		coding-style	0.00	0.00	0.00	7			
		command-line compiler-construction	0.00 1.00	0.00 0.50	0.00 0.67	5 2			
		compiler-construction css	0.71	0.45	0.56	22			
		database	0.00	0.00	0.00	27			
		datetime database	0.00 0.00	0.00 0.00	0.00 0.00	5 27			
		datetime	0.00	0.00	0.00	5			
		debugging	0.00	0.00	0.00	9			
		delphi	1.00	0.11	0.20	9			
		design	0.00	0.00	0.00	2			
		design-patterns	1.00	0.10	0.18	10			
		django eclipse	1.00 0.70	0.40 0.58	0.57 0.64	15 12			
		emacs	0.67	0.80	0.73	5			
		email	0.00	0.00	0.00	3			
		exception	0.75	0.38	0.50	8			
		file	0.00	0.00	0.00	3			
		firefox	0.00	0.00	0.00	7			
		function gcc	0.00 0.50	0.00 0.50	0.00 0.50	7 2			
		generics	1.00	0.43	0.60	7			
		git	1.00	0.40	0.57	5			
		html	0.69	0.26	0.38	34			
		http	0.00	0.00	0.00	3			
		internet-explorer	0.00	0.00	0.00	4			
		iphone java	0.90 0.83	0.36 0.53	0.51 0.65	25 ——116			
		javascript	0.81	0.41	0.54	71			
		jquery	0.71	0.48	0.58	31			
		json	1.00	0.20	0.33	5			
		language-agnostic	0.00	0.00	0.00	9			
		linq	0.50	0.33	0.40	9			
		linq-to-sql -·	0.00	0.00	0.00	2			