## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID01193
Project Name	AI BASED DISCOURSE FOR BANKING INDUSTRY
Maximum Marks	10 Marks

## **Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model		
1.	Summary		There are two different tasks at the core of a chatbot:
	Jannary		User request analysis
			Returning the response
			User Request Analysis
			This is the first measure a chatbot will take in order to fully understand what you are trying to say. The
			chatbot will analyze your request and identify any keywords or phrases that can help it better understand
			your intentions. It can also extract any important information you mention in your message.
			The ability to identify the user's intent and extract data and relevant entities contained in the user's
			request is the first condition and the most important step at the core of a chatbot: If you are not able to
			correctly process their requests, you will not be able to answer them. you won't be able to provide the
			correct answer.
			Returning the Response
			Once the user's intent has been identified, the chatbot must provide the most appropriate response for
			the user's request. The answer may be:
			A generic and predefined text;
			<ul> <li>A text retrieved from a knowledge base that contains different answers;</li> </ul>
			<ul> <li>A contextualized piece of information based on data the user has provided;</li> </ul>
			Data stored in enterprise systems;
			The result of an action that the chatbot performed by interacting with one or more backend
			applications; or,
			<ul> <li>A disambiguating question that helps the chatbot to correctly understand the user's request.</li> </ul>

2.	Accuracy	Training Accuracy =95.5							
		Validation Accuracy = 0.8045	Materia Block	Home - Waters Acc	interest - Materials - Cliness	atoliae Wa	constant base		
			Watson Blog Home Watson Assistant Pricing Client stories Get started free the time to production. We're excited to announce that Watson Assistant has a new and improved intent detection algorithm. Which is more accurate versus commercial and open-source solutions in a recently published benchmark (see Table). 3						
					(866-1809)12	Salarage	Someone	Some	
					20M Waters Partiet	79.0	76.0	78.0	
					Sough Street,	88.9	14.0	40.0	
					Historian 14,00	66.4	64.4	91.0	
					Sept.	79	67.6	10.8	
					MIN	65.4	56.4	40.0	
					No.	257	943	1000	
					Hecause of these is Assistant's Intest a Immediately previ	odel is 79%,	up from 76.3%	In the	
			Acca Acca Acca	It of my test using macy: 0.8929 macy: 0.8889 macy: 0.9147 macy: 0.9167	the Car Doshboard	workspace	and 5 folds:		
			Aver	rage accuracy: 0.90	052				
			Wool	Well done.					