1P1
Assignment: B2
Autificial Intelligence & Robotics

t pale of Completion: -30.10.20

t:- Implement any one of the following Exped

Problem statement: - Implement any one of the following Expert

System:

1) Medical Diagonasis of 10 diseases based on adequate Symptoms

2) Identifying birds of India based on ehanacteristics

Develop elimentary chatbot suggestive investment as per the customers need.

Learning Objectives: - To implement a chatbot:

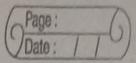
- Undoutand nltk.

Learning Outcomes: - Students will able to implement chatbot.

Theory: Software Handunge Requirement: -OS (Linux), Python

Theory:

1. Chatbot is used when an actor has to be given some information about something which is repetative in nature 2. NLTK is used for creating a chatbot following step are Jollowed for training the chatbot model.



a	Pext Rimore Stopwords
	b) Tokenization
	1) Text Analysis 1) Sentiment analysis
	3) Sentiment analysis
	all Text classification
	5) Performing sentiment analyse using text dassification.
	Text Analytics and NLP
<u> </u>) NLP enables the computer to interact with humans
mili	in natural manner. Melp machine to understand human language &
	desire meaning from it.
1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2/	Compary text analytics, NCP and Text Mining:- Text mining is a process to employing sizeable textual
1)	lext mining is a process to emplosing sizeaux resource
1.	THE processes with the undulying metadata.
9)	THEY processes with the analysing meladian.
101-	The angle is the second of the
	Tokenization: - Brugk long let into small dunks for easy
1)	
	processing.
:1	GLA sandi-
")	The unnicessary text may & induce noise hence we remove
	He william to the state of the
	them from text.
	Manning:
114	Stemming:- Finding the most word
	rinary I've rios o work

6	Page:			7
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	Could. 1							
iv)	Sentiment Aralysis: Analyzing if the words are positive, negative or neutral.							
	Thent Classification: Identifying categories or class of given text such as blog, book struct de.							
	Test Care							
	Case	Expedied Output	Actual Output	Remark				
	Information Warren Byfet	Information is showed	Enformation is showed	Passed				
	P/E show ratio	enplained	emplained	Passed				
	Information on investment types	Showed	not found	-failed				
	notail?	not shown	not shown	Failed.				
	Conclusion 1- Thus !	I implement a and analysis.	chattot and o	industrod				