

UNITED INSTITUTE OF TECHNOLOGY

COLLEGE CODE : 7145



MENTOR

- NISHANTHI : NISHANTHI@UIT.AC.IN

TEAM MEMBERS

- YAMINIDEVI S : 714521104057
- DHANALAKSHMI B : 714521104014
- VISHNU S : 714521104056
- BRITO JASON B : 714521104012
- CHARAN SM : 714521104013
- PRASHANTH M : 714521104035

DOMAIN

CHATBOT DEPLOYMENT WITH IBM CLOUD
WATSON ASSISTANT

ABSTRACT:

OUR AIM TO EXPLORE THE PROCESS OF DEPLOYING CHATBOTS USING IBM CLOUD WATSON ASSISTANT AND TO CUSTOMIZE THE CHATBOT FOR POPULAR MESSAGING PLATFORMS LIKE FACEBOOK MESSENGER AND SLACK. THROUGH THIS DEPLOYMENT, THE AIM TO PROVIDE USERS WITH A HELPFUL VIRTUAL GUIDE THAT OFFERS USEFUL INFORMATION, ANSWERS FREQUENTLY ASKED QUESTIONS, AND DELIVERS A FRIENDLY CONVERSATIONAL EXPERIENCE. TO JOIN AS EMPOWER USERS WITH QUICK ACCESS TO INFORMATION AND CREATE MEANINGFUL CONNECTIONS THROUGH OUR VIRTUAL GUIDE

PROBLEM STATEMENT:

THE PROBLEM STATEMENT FOR DEPLOYING A CHATBOT WITH IBM CLOUD WATSON ASSISTANT IS TO CREATE A VIRTUAL GUIDE FOR POPULAR MESSAGING PLATFORMS LIKE FACEBOOK MESSENGER AND SLACK. THE GOAL IS TO PROVIDE HELPFUL INFORMATION, ANSWER FREQUENTLY ASKED QUESTIONS, AND CREATE A FRIENDLY CONVERSATIONAL EXPERIENCE FOR THE USERS.

TIME CHART:

TIME CHART FOR THE DEPLOYMENT OF THE CHATBOT WITH IBM CLOUD WATSON ASSISTANT AND THIS TIMELINE CAN VARY DEPENDING ON THE COMPLEXITY OF THE CHATBOT AND ANY SPECIFIC REQUIREMENTS:

1. PLANNING: 1 WEEK
2. CUSTOMIZATION: 2 WEEKS
3. INTEGRATION: 1 WEEK
4. TESTING: 2 WEEK
5. DEPLOYMENT: 2 WEEK

MODULE:

1. SIGN IN TO IBM CLOUD ACCOUNT.
2. GO TO THE IBM CLOUD CATALOG AND SEARCH FOR "WATSON ASSISTANT".
3. SELECT THE WATSON ASSISTANT SERVICE AND CLICK ON "CREATE".
4. GIVE THE ASSISTANT A NAME AND CLICK ON "CREATE ASSISTANT".
5. CONFIGURE THE ASSISTANT BY DEFINING INTENTS, ENTITIES, AND DIALOG FLOW.
6. TRAIN THE ASSISTANT BY PROVIDING SAMPLE USER QUERIES AND APPROPRIATE RESPONSES.
7. TEST THE ASSISTANT TO ENSURE THAT IT UNDERSTANDS AND RESPONDS CORRECTLY.
8. INTEGRATE YOUR ASSISTANT INTO APPLICATION OR WEBSITE USING THE PROVIDED SDKS OR APIs.
9. MONITOR AND ANALYZE THE PERFORMANCE OF YOUR ASSISTANT TO MAKE IMPROVEMENTS.
10. DEPLOY YOUR CHATBOT AND START ENGAGING WITH USERS.

CONCLUSION:

1. THE DEPLOYING A CHATBOT WITH IBM CLOUD WATSON ASSISTANT INVOLVES SIGNING IN TO IBM CLOUD ACCOUNT, CREATING AN ASSISTANT, CONFIGURING INTENTS AND DIALOG FLOW, TRAINING THE ASSISTANT, TESTING IT, INTEGRATING IT INTO YOUR APPLICATION, AND MONITORING ITS PERFORMANCE.
2. IT'S AN EXCITING PROCESS THAT ALLOWS TO CREATE AN INTERACTIVE AND INTELLIGENT CHATBOT FOR THE USERS.