



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Pondicherry University

Accredited by NBA & NAAC 'A' Grade

Kalitheerthalkuppam, Puducherry - 605107

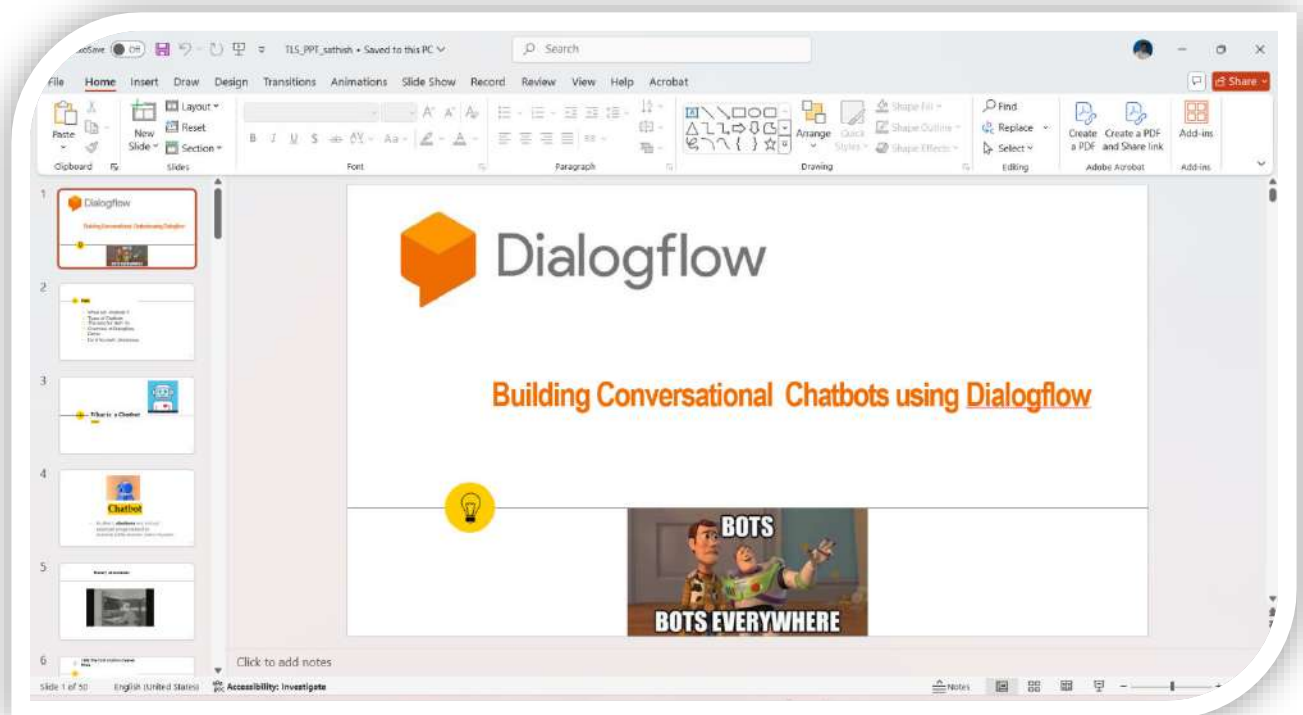


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Project Based Learning- AI LAB

ARTIFICIAL INTELLIGENCE- IV CSE A & B

BACKGROUND:



TEAM -1

| S.NO | NAME OF THE STUDENTS | PROJECT TITLE |
|------|--|---|
| 1 | ANUSRI. E UGAMAALYA.C VALARMATHY.S | Chatbots and Virtual Assistants <ul style="list-style-type: none">• Project Title: "Building an AI Chatbot for Customer Support"• Objective: Develop a chatbot using NLP frameworks like Dialogflow or Rasa.• Skills Covered:<ul style="list-style-type: none">○ Natural Language Understanding (NLU)○ Intent detection and response generation• Tools/Technologies: Python, |

OUTPUT:

The screenshot displays the Dialogflow console interface for configuring an intent. The left sidebar shows navigation options: Intents, Entities, Knowledge (beta), Fulfillment, Integrations, Training, History, Analytics, Prebuilt Agents, and Small Talk. The main area is titled 'ask_courses' and includes a 'SAVE' button. It is divided into sections for Contexts, Events, Training phrases, and Action and parameters.

Training phrases: A phrase "I want training courses about Maths" is entered. Below it, a table shows the extracted parameters:

| PARAMETER NAME | ENTITY | RESOLVED VALUE |
|----------------|----------|----------------|
| courses | @courses | Maths |

Action and parameters: The action is set to 'Not available'. A table below lists parameters:

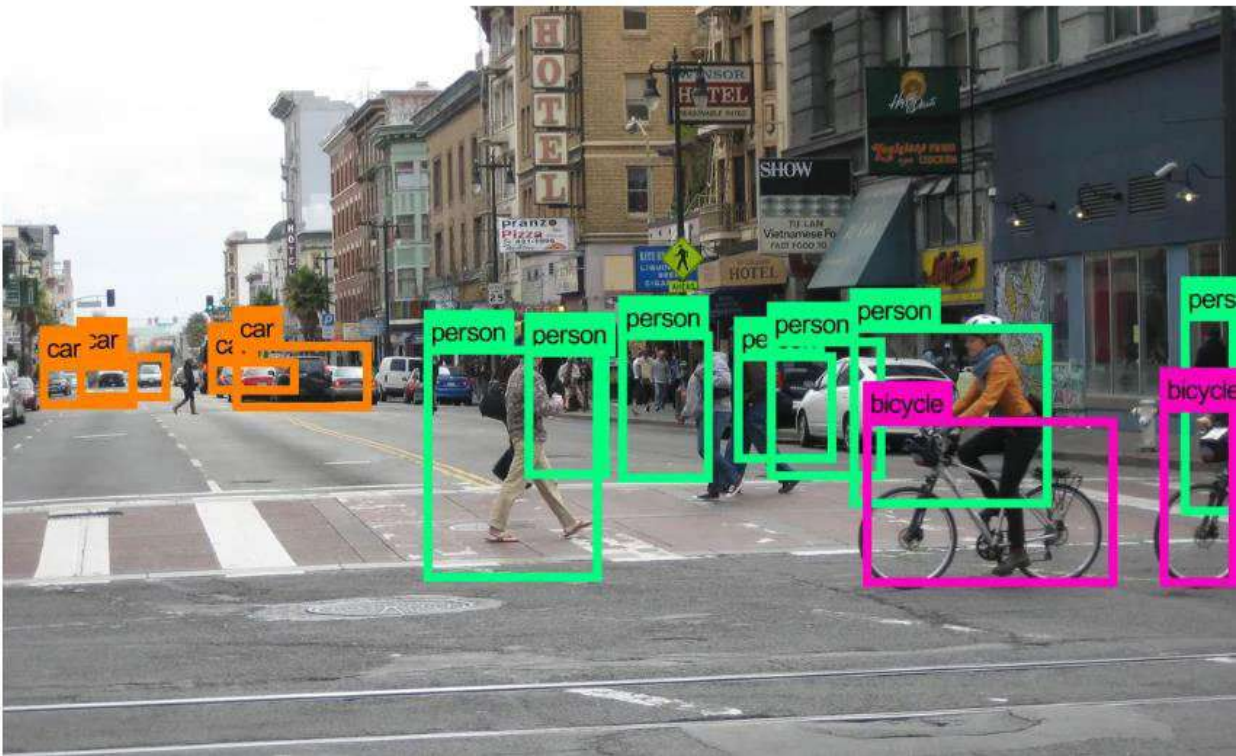
| REQUIRED | PARAMETER NAME | ENTITY | VALUE | IS LIST |
|----------|----------------|--------|-------|---------|
| | date | | | |

Agent configuration: The user says "what is the weather like?". The default response is "Sorry I don't know the weather". The detected intent is 'weather' and the action is 'Not available'.

TEAM -2

| S.NO | NAME OF THE STUDENTS | PROJECT TITLE |
|------|---------------------------------------|--|
| 2 | HARSAVARTHINI.D JANCY.R AGNES.C | Image Recognition <ul style="list-style-type: none">• Project Title: "Object Detection Using AI"• Objective: Develop a system to recognize objects in images (e.g., animals, vehicles).• Skills Covered:<ul style="list-style-type: none">○ Convolutional Neural Networks (CNNs)○ Image classification• Tools/Technologies: OpenCV, |

OUTPUT:





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PROBLEM BASED LEARNING

| S.NO | NAME OF THE STUDENTS | YEAR/SEC | Problem Statement | Problem | Task |
|------|---|--------------|--|--------------------------|--|
| 1. | KISHORE N THARAGESH A KATEPALLI PRAVEEN- | IV- CSE B | Can AI help predict diseases using patient data? | Disease Diagnosis System | 1. Analyze medical datasets. 2. Train a machine learning model for disease classification. 3. Validate the system's accuracy with real-world data. |
| 2. | SHARUNIKA A SRIVAISHNAVI M SRIVARSHINI N | | | | |
| 3. | ANUSRI. E UGAMAALYA.C VALARMATHY.S | IV- CSE A | Can AI help predict diseases using patient data? | Disease Diagnosis System | 4. Analyze medical datasets. 5. Train a machine learning model for disease classification. Validate the system's accuracy with real-world data. |
| 4. | HARSAVARTHINI.D JANCY.R AGNES.C | | | | |