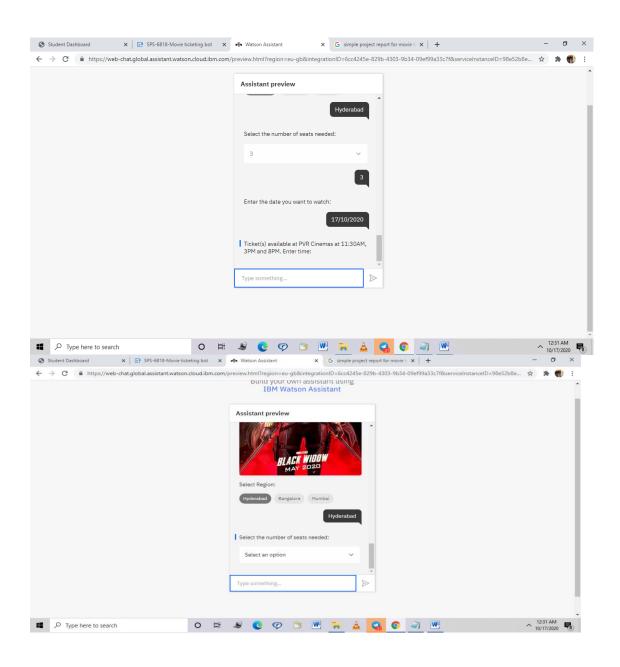
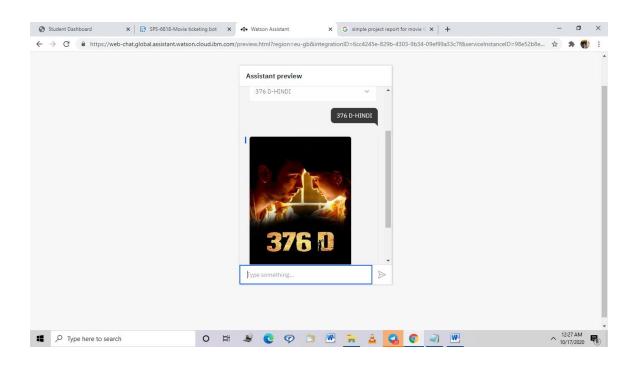
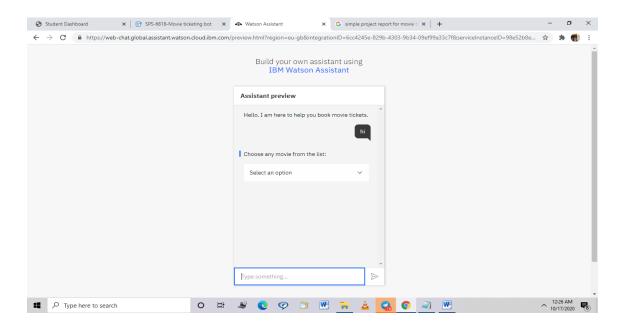
6. SCREEN SHOTS

MOVIE TICKET BOOKING CHAT BOT

Dr. Jyothi N.M Associate Professor, Dept. of Computer Science & Engineering, K L University, Vaddeswaram jyothiarunkr@kluniversity.in







7. ADVANTAGES & DISADVANTAGES

Advantages

- 1. Very interactive
- 2. Real time booking experience
- 3. Any type of users irrespective of computer knowldge and age can use it

Disadvantages

- 1. Now it is restricted to 3 regions
- 2. Bot has to learn over a period of time so requires more training

8. APPLICATIONS

- 1. Useful for any set of people
- 2. Bridges ap between customer to business and business to customers
- 3. Lite weight
- 4. Can be incorporated in mobile/website

9. CONCLUSION

chatbots are computer applications powered by artificial intelligence to communicate with you. They are designed to mimic natural human conversation via an online chat interface, SMS, and sometimes, even voice chat.

10. FUTURE SCOPE

Despite being designed for human consumption, chatbots are also capable of communicating and gathering information from other chatbots.

Can be deeloped to chat in local language depending on location access.

11. **BIBILOGRAPHY**

- 1. https://cdn2.hubspot.net/
- 2. www.developer.ibm.com
- 3. www.google.com

APPENDIX

```
A. Source code

"intents": [
{
    "intent": "greetings",
    "examples": [
    {
        "text": "Hello"
    },
    {
        "text": "Hi"
    },
    {
        "text": "Ok"
    },
    {
        "text": "Okay"
```

```
}
 ],
 "description": ""
},
 "intent": "otp",
 "examples": [
  "text": "12AB"
 }
 ],
 "description": ""
},
 "intent": "seats",
 "examples": [
  "text": "1"
  },
   "text": "2"
  },
   "text": "3"
  },
   "text": "4"
  },
  "text": "5"
  },
```

```
"text": "6"
 ],
 "description": ""
},
 "intent": "thankyou",
 "examples": [
   "text": "Thanks"
   "text": "Thank you"
 ],
 "description": ""
},
 "intent": "time",
 "examples": [
   "text": "11:30AM"
  },
   "text": "11:30 AM"
  },
   "text": "3PM"
  },
```

```
"text": "3 PM"
   },
    "text": "8PM"
   },
    "text": "8 PM"
   }
  ],
  "description": ""
 }
],
"entities": [
  "entity": "movie",
  "values": [
    "type": "synonyms",
    "value": "376 D-HINDI",
    "synonyms": []
   },
    "type": "synonyms",
    "value": "Black Widow-ENGLISH",
    "synonyms": []
   },
    "type": "synonyms",
    "value": "Ginny Weds Sunny-HINDI",
    "synonyms": []
   },
```

```
"type": "synonyms",
 "value": "Ila Naa Jathaga-TELUGU",
 "synonyms": []
},
 "type": "synonyms",
"value": "Kaaliyan-MALAYALAM",
 "synonyms": []
},
 "type": "synonyms",
 "value": "Namaste India-KANNADA",
 "synonyms": []
},
 "type": "synonyms",
 "value": "Sampati-BENGALI",
 "synonyms": []
},
 "type": "synonyms",
 "value": "Soorarai Pottru-TAMIL",
 "synonyms": []
},
 "type": "synonyms",
 "value": "The Big Bull-HINDI",
 "synonyms": []
},
{
```

```
"type": "synonyms",
   "value": "The Lie-ENGLISH",
   "synonyms": []
  }
 ],
 "fuzzy_match": true
},
 "entity": "region",
 "values": [
   "type": "synonyms",
   "value": "Bangalore",
   "synonyms": []
  },
   "type": "synonyms",
   "value": "Hyderabad",
   "synonyms": []
  },
   "type": "synonyms",
   "value": "Mumbai",
   "synonyms": []
 ],
 "fuzzy_match": true
},
 "entity": "sys-date",
 "values": [],
```

```
"fuzzy_match": true
 },
  "entity": "sys-number",
  "values": [],
  "fuzzy_match": true
 }
],
"metadata": {
 "api_version": {
  "major_version": "v2",
  "minor_version": "2018-11-08"
 }
},
"dialog_nodes": [
  "type": "standard",
  "title": "Anything else",
  "output": {
   "generic": [
     "values": [
       {
        "text": "I didn't understand. You can try rephrasing."
       },
        "text": "Can you reword your statement? I'm not understanding."
       },
       "text": "I didn't get your meaning."
       }
```

```
],
    "response_type": "text",
    "selection_policy": "sequential"
   }
  ]
 },
 "conditions": "anything_else",
 "dialog_node": "Anything else",
 "previous_sibling": "node_3_1602051074676",
 "disambiguation_opt_out": true
},
 "type": "standard",
 "output": {
  "generic": [
    "values": [
     {
      "text": "Enter the date you want to watch:"
     }
    ],
    "response_type": "text",
    "selection_policy": "sequential"
   }
 },
 "conditions": "#seats",
 "dialog_node": "node_2_1602050554341",
 "previous_sibling": "node_5_1602050341114"
},
{
```

```
"type": "standard",
"output": {
 "generic": [
   "source": "https://encrypted-tbn0.gstatic.com/images?q=tbn\%3AANd9GcSzUlbodCsvfdaller." \\
   "response_type": "image"
  },
  {
   "title": "Select Region:",
   "options": [
     "label": "Hyderabad",
     "value": {
      "input": {
       "text": "Hyderabad"
      }
     }
    },
     "label": "Bangalore",
     "value": {
      "input": {
       "text": "Bangalore"
      }
     }
    },
     "label": "Mumbai",
     "value": {
      "input": {
```

"text": "Mumbai"

```
}
    ],
    "response_type": "option"
   }
 ]
 },
 "conditions": "@movie:(The Big Bull-HINDI)",
 "dialog_node": "node_3_1602050158612",
 "previous_sibling": "node_5_1602050066768"
},
 "type": "standard",
 "output": {
  "generic": [
    "source": "https://encrypted-tbn0.gstatic.com/images?q=tbn%3AANd9GcSQ6ePgT64x2f0
    "response_type": "image"
   }
 "conditions": "#thankyou",
 "dialog_node": "node_3_1602051074676",
 "previous_sibling": "node_7_1602050963732"
},
 "type": "standard",
 "output": {
  "generic": [
   {
```

```
"source":
```

content. duck duck go. com/iu/? u=https%3A%2F%2Ftse2.mm. bing.net%2Fth%3Fid%3DOIP.DsValue for the content of the content of

```
"response_type": "image"
},
{
 "title": "Select Region:",
 "options": [
   "label": "Hyderabad",
   "value": {
    "input": {
     "text": "Hyderabad"
    }
   }
  },
   "label": "Bangalore",
   "value": {
    "input": {
     "text": "Bangalore"
    }
   }
  },
   "label": "Mumbai",
   "value": {
    "input": {
     "text": "Mumbai"
    }
```

```
],
    "response_type": "option"
   }
  ]
 },
 "conditions": "@movie:(Black Widow-ENGLISH)",
 "dialog_node": "node_5_1602049558927",
 "previous_sibling": "node_8_1602049000837"
},
 "type": "standard",
 "output": {
  "generic": [
    "source": "https://encrypted-tbn0.gstatic.com/images?q=tbn%3AANd9GcQ7LPzI0n5nOp
    "response_type": "image"
   },
   {
    "title": "Select Region:",
    "options": [
      "label": "Hyderabad",
      "value": {
       "input": {
        "text": "Hyderabad"
        }
     },
      "label": "Bangalore",
      "value": {
```

```
"input": {
        "text": "Bangalore"
       }
     },
      "label": "Mumbai",
      "value": {
       "input": {
        "text": "Mumbai"
       }
      }
    ],
    "response_type": "option"
   }
 ]
 },
 "conditions": "@movie:(Ginny Weds Sunny-HINDI)",
 "dialog_node": "node_5_1602050066768",
 "previous_sibling": "node_9_1602049992006"
},
 "type": "standard",
 "output": {
  "generic": [
    "title": "Select the number of seats needed:",
    "options": [
      "label": "1",
```

```
"value": {
  "input": {
   "text": "1"
 "label": "2",
 "value": {
  "input": {
   "text": "2"
  }
 "label": "3",
 "value": {
  "input": {
   "text": "3"
  }
 "label": "4",
 "value": {
  "input": {
   "text": "4"
  }
},
```

```
"label": "5",
      "value": {
        "input": {
         "text": "5"
       }
      "label": "6",
      "value": {
       "input": {
         "text": "6"
        }
    ],
    "response_type": "option"
   }
 "conditions": "@region",
 "dialog_node": "node_5_1602050341114",
 "previous_sibling": "node_3_1602050158612"
},
 "type": "standard",
 "output": {
  "generic": [
    "values": [
     {
```

```
"text": "Ticket(s) available at PVR Cinemas at 11:30AM, 3PM and 8PM. Enter time:"
     }
    ],
    "response_type": "text",
    "selection_policy": "sequential"
   }
  1
 },
 "conditions": "@sys-date",
 "dialog_node": "node_5_1602050593967",
 "previous_sibling": "node_2_1602050554341"
},
 "type": "standard",
 "output": {
  "generic": [
    "values": [
     {
      "text": "OTP is sent to the number. Enter OTP:"
     }
    ],
    "response_type": "text",
    "selection_policy": "sequential"
   }
 },
 "conditions": "@sys-number",
 "dialog_node": "node_5_1602050869689",
 "previous_sibling": "node_7_1602050804048"
},
```

```
{
 "type": "standard",
 "output": {
  "generic": [
    "source": "https://encrypted-tbn0.gstatic.com/images?q=tbn%3AANd9GcQjbqPMJxnhk
    "response_type": "image"
   },
    "title": "Select Region:",
    "options": [
      "label": "Hyderabad",
      "value": {
       "input": {
        "text": "Hyderabad"
       }
      }
     },
      "label": "Bangalore",
      "value": {
       "input": {
        "text": "Bangalore"
       }
     },
      "label": "Mumbai",
      "value": {
```

"input": {

```
"text": "Mumbai"
        }
    "response_type": "option"
   }
  ]
 },
 "conditions": "@movie:(Soorarai Pottru-TAMIL)",
 "dialog_node": "node_6_1602049870829",
 "previous_sibling": "node_9_1602049782565"
},
 "type": "standard",
 "output": {
  "generic": [
   {
    "values": [
     {
      "text": "Okay. Enter mobile Number:"
     }
    ],
    "response_type": "text",
    "selection_policy": "sequential"
   }
 "conditions": "#time",
 "dialog_node": "node_7_1602050804048",
 "previous_sibling": "node_5_1602050593967"
```

```
},
 "type": "standard",
 "output": {
  "generic": [
    "values": [
       "text": "Ticket details are sent to your mobile. Complete payment and book the slot. Th
     }
    ],
    "response_type": "text",
    "selection_policy": "sequential"
   }
  ]
 },
 "conditions": "#otp",
 "dialog_node": "node_7_1602050963732",
 "previous_sibling": "node_5_1602050869689"
},
 "type": "standard",
 "output": {
  "generic": [
   {
    "title": "Choose any movie from the list:",
    "options": [
     {
       "label": "Black Widow-ENGLISH",
       "value": {
        "input": {
```

```
"text": "Black Widow-ENGLISH"
  }
}
"label": "376 D-HINDI",
"value": {
  "input": {
   "text": "376 D-HINDI"
 }
}
},
 "label": "Ginny Weds Sunny-HINDI",
"value": {
 "input": {
   "text": "Ginny Weds Sunny-HINDI"
  }
 }
},
"label": "The Lie-ENGLISH",
 "value": {
  "input": {
   "text": "The Lie-ENGLISH"
  }
},
"label": "The Big Bull-HINDI",
"value": {
```

```
"input": {
   "text": "The Big Bull-HINDI"
 }
}
},
"label": "Soorarai Pottru-TAMIL",
"value": {
 "input": {
   "text": "Soorarai Pottru-TAMIL"
 }
}
},
 "label": "Namaste India-KANNADA",
"value": {
 "input": {
   "text": "Namaste India-KANNADA"
 }
}
},
 "label": "Kaaliyan-MALAYALAM",
 "value": {
 "input": {
   "text": "Kaaliyan-MALAYALAM"
 }
},
"label": "Ila Naa Jathaga-TELUGU",
```

```
"value": {
        "input": {
        "text": "Ila Naa Jathaga-TELUGU"
       }
      }
     },
      "label": "Sampati-BENGALI",
      "value": {
       "input": {
        "text": "Sampati-BENGALI"
       }
      }
    ],
    "response_type": "option"
   }
  ]
 },
 "conditions": "#greetings",
 "dialog_node": "node_8_1602049000837",
 "previous_sibling": "Welcome"
},
 "type": "standard",
 "output": {
  "generic": [
    "source": "https://in.bmscdn.com/iedb/movies/images/mobile/thumbnail/large/376-d-et001
    "response_type": "image"
   },
```

```
"title": "Select Region:",
  "options": [
    "label": "Hyderabad",
    "value": {
     "input": {
      "text": "Hyderabad"
     }
   },
    "label": "Bangalore",
    "value": {
     "input": {
      "text": "Bangalore"
     }
   },
    "label": "Mumbai",
    "value": {
     "input": {
      "text": "Mumbai"
      }
  ],
  "response_type": "option"
 }
]
```

```
},
 "conditions": "@movie:(376 D-HINDI)",
 "dialog_node": "node_9_1602049782565",
 "previous_sibling": "node_5_1602049558927"
},
{
 "type": "standard",
 "output": {
  "generic": [
    "source": "https://www.letsott.com/assets/uploads/posts/the-lie-amazon-prime-video-min.j
    "response_type": "image"
   },
   {
    "title": "Select Region:",
    "options": [
      "label": "Hyderabad",
      "value": {
        "input": {
         "text": "Hyderabad"
        }
      }
     },
      "label": "Bangalore",
      "value": {
        "input": {
         "text": "Bangalore"
       }
      }
```

```
},
      "label": "Mumbai",
      "value": {
        "input": {
        "text": "Mumbai"
       }
    ],
    "response_type": "option"
   }
  ]
 },
 "conditions": "@movie:(The Lie-ENGLISH)",
 "dialog_node": "node_9_1602049992006",
 "previous_sibling": "node_6_1602049870829"
},
 "type": "standard",
 "title": "Welcome",
 "output": {
  "generic": [
    "values": [
     {
      "text": "Hello. I am here to help you book movie tickets."
     }
    ],
    "response_type": "text",
    "selection_policy": "sequential"
```

```
}
   1
  },
  "conditions": "welcome",
  "dialog_node": "Welcome"
 }
],
"counterexamples": [],
"system_settings": {
 "off_topic": {
  "enabled": true
 },
 "disambiguation": {
  "prompt": "Did you mean:",
  "enabled": true,
  "randomize": true,
  "max_suggestions": 5,
  "suggestion_text_policy": "title",
  "none_of_the_above_prompt": "None of the above"
 },
 "system_entities": {
  "enabled": true
 },
 "human_agent_assist": {
  "prompt": "Did you mean:"
 },
 "spelling_auto_correct": true
},
"learning_opt_out": false,
"name": "MTBooking",
"language": "en",
```

```
"description": ""
}
```