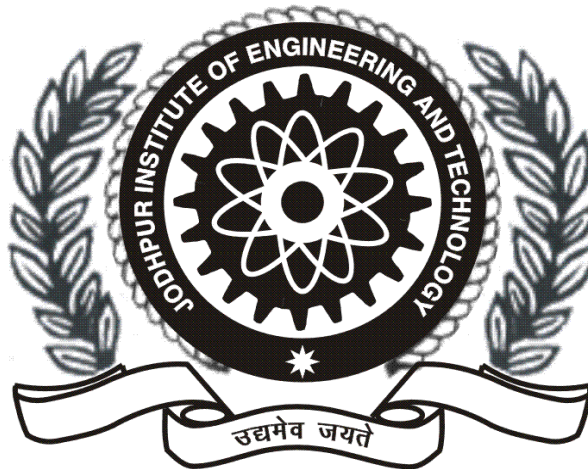


A
PROJECT REPORT
ON
“Chatbot”

In partial fulfillment of
B. Tech III year (Information Technology)



Session 2017-2018

Submitted To:
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Certificate

This is to certify that the JAVA project entitled "**Chatbot 'JOE' "** has been carried out by the students of college **Jodhpur Institute of Engineering and Technology, Jodhpur** under my guidance and supervision in partial fulfillment of the degree of Bachelor of Engineering in Information Technology of Rajasthan Technical University, Kota during the academic year 2017-2018.

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Date: 02-04-2018

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DESCRIPTION

The idea of this project is taken by the chatbot program in which a predefined set of Inputs are provided and certain outputs are provided.

In this project 's coding the desktop api , applet , i/p classes & inheritance are used as key features of this project programming.

The concept behind this project is when user gives some inputs it provides the number of outputs as in applets & in joption message box. The basic approach behind this project is that to implement the chatbot functioning means when the end user gives inputs the chatbot uses its programming and gives the appropriate response.

To further more developing this project , the 'artificial intelligence' can be implemented which learns new things that are not in the database of that project.

SOURCE CODE

```
package chatbot_test1;

import java.awt.Desktop;
import java.awt.FlowLayout;
import java.awt.image.BufferedImage;
import javax.swing.JOptionPane;
import java.io.IOException;
import java.io.InterruptedIOException;
import java.util.Scanner;
import java.util.*;
import java.io.*;
import javax.imageio.ImageIO;
import javax.swing.ImageIcon;
import javax.swing.JCheckBox;
import javax.swing.JFrame;
import javax.swing.JLabel;

class Inputs{
    Scanner sc = new Scanner(System.in);

    void welcome(){
        System.out.println("\t\t\t\t\t hiiii.....");
    }
    void firstinput()
    {
        String str1 = "hi";
        String str2 = null;
        String str3 = "hello";
        String str4 = "greetings";
        String str5 = "hii";
        String str6 = "greeting";
        String str7 = "ey yo";
        String str8 = "hey";
    }
}
```

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```

void choice3()
{
    try {
        File file= new File("C:\\Windows\\System32\\calc.exe");
        Desktop desk = Desktop.getDesktop();
        desk.open(file);
    }
    catch (IOException e) {
        System.out.println(e);
        System.out.println("\t\t\t\t\t you are possibly on linux....I
am only designed for Windows" );
    }
}

void choice4(){
    try{
        File file= new File("C:\\Program Files
(x86)\\Google\\Chrome\\Application\\chrome.exe");
        Desktop desk = Desktop.getDesktop();
        desk.open(file);}
    catch (IOException e) {
        System.out.println(e);
        System.out.println("\t\t\t\t\t seems like the google chrome
is not installed on this pc");
    }
}

void choice5(){
    System.out.println("\t\t\t\t\t ChatBot 'JOE' ");
    System.out.println("\t\t\t\t\t develpoed by Bharat Chitara");
    System.out.println("\t\t\t\t\t version 1.0.0.1");
}

void choice6(){
    System.out.println("\t\t\t\t\t 5 star : excellent");
    System.out.println("\t\t\t\t\t 4 star : great");
    System.out.println("\t\t\t\t\t 3 star : good ");
    System.out.println("\t\t\t\t\t 2 star : fair");
    System.out.println("\t\t\t\t\t 1 star : poor");
    System.out.println("\t\t\t\t\t enter your responce");
    int response = sc.nextInt();
}

```

```
System.out.println("\t\t\t\t\t\t your response was  
submitted...Thank You");}
```

```
void secondinput(){  
String name =null;  
String movie =null;  
String mtype1="action";  
String mtype2="sci-fi";  
String mtype3="romantic";  
String mtype4="sci fi";  
System.out.println("\t\t\t\t\t\t tell me about yourself..");  
System.out.println("\t\t\t\t\t\t what is your name");  
name =sc.nextLine();  
try{  
    Thread.sleep(1500);  
    System.out.println("\t\t\t\t\t\t " + name + " which kind  
of movies you like ");}  
  
catch(InterruptedException e){  
    System.out.println(e);  
}  
movie = sc.nextLine();  
if(movie.equals(mtype1) )  
//if else statement for movie type  
{  
    try{  
        Thread.sleep(1500);  
        System.out.println("\t\t\t\t\t\t top 3 upcoming movies this  
year");  
  
        System.out.println("\t\t\t\t\t\t * Race 3");  
        System.out.println("\t\t\t\t\t\t * baaghi 2 ");  
        System.out.println("\t\t\t\t\t\t * Jurrassic World");  
    }  
    catch(InterruptedException e);  
System.out.println(e);}  
else if(movie.equals(mtype2) || movie.equals(mtype4)){  
try{  
    Thread.sleep(1500);
```

```

System.out.println("\t\t\t\t\t top 3 upcoming movies this
year");
    System.out.println("\t\t\t\t\t * Avengers : Infinity War");
        System.out.println("\t\t\t\t\t * Deadpool 2 ");
        System.out.println("\t\t\t\t\t * Robot 2 ");
    }
    catch(InterruptedException e){
        System.out.println(e);
    }
}
else if( movie.equals(mtype3)){
    try{
        Thread.sleep(1500);
        System.out.println("\t\t\t\t\t top 3 upcoming movies
this year");
            System.out.println("\t\t\t\t\t * Midnight Sun");
            System.out.println("\t\t\t\t\t * October");
            System.out.println("\t\t\t\t\t * Overboard");
        catch(InterruptedException e){
            System.out.println(e);
        }
    }
    else{
        try{
            Thread.sleep(1500);
            System.out.println("\t\t\t\t\t this movie type is not in my
database..\n");
        }
        catch(InterruptedException e){
            System.out.println(e);
        }
    }
}
}
}
}
}

```

```

class Feathers{
Scanner sc = new Scanner(System.in);
void one(){
    System.out.println("\t\t\t\t\t what is your favorite
programming language\n");
    String p_lang= sc.nextLine();
    String lang1="c";
    String lang2="c++";
    String lang3="java";
}
}
}
}
}

```


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```

        System.out.println(e);
    } }
    else if(mood.equals(mood2)){
        try{
            Thread.sleep(1500);
            System.out.println("\t\t\t\t\t\t\t don't be angry we are in
ENGINEERING");}
            catch(InterruptedException e){
                System.out.println(e);}}
        else{
            try{
                Thread.sleep(1500);
                System.out.println("\t\t\t\t\t\t\t I am still learning.....thank
you");}
                catch(InterruptedException e){
                    System.out.println(e);
                }}}
    }
}

```

```

class Image extends Feathers {
    void show() throws IOException {

```

```

        BufferedImage img=ImageIO.read(new
        File("C:\\Users\\bharat\\Downloads\\download.png"));
        ImageIcon icon=new ImageIcon(img);
        JFrame frame=new JFrame();
        frame.setLayout(new FlowLayout());
        frame.setSize(300,200);
        JLabel lbl=new JLabel();
        lbl.setIcon(icon);
        frame.add(lbl);
        frame.setVisible(true);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }
}

```

```

public class Chatbot_test1 {
    public static void main(String[] args) throws IOException{
        int choice=0;
        JOptionPane.showMessageDialog(null,"-----
-----welcome to the chatbot 'JOE'-----

```

```
-----");  
Scanner sc = new Scanner(System.in);  
Inputs obj = new Inputs();  
//Feathers obj1 = new Feathers();  
Image obj2 =new Image();  
obj.welcome();  
obj.firstinput();  
obj.secondinput();  
  
System.out.println("\t\t\t\t\t ok...choose one option to use  
more feathers \n");  
System.out.println("\t\t\t\t\t 1.open notepad");  
System.out.println("\t\t\t\t\t 2. open image folder ");  
System.out.println("\t\t\t\t\t 3. open calculator");  
System.out.println("\t\t\t\t\t 4.open internet ");  
System.out.println("\t\t\t\t\t 5.about me");  
System.out.println("\t\t\t\t\t 6.rate me ");  
//System.out.println("\t\t\t\t\t 7.return back to the chat  
mode");  
choice =sc.nextInt();  
switch(choice){  
    case 1 :  obj.choice1();break;  
    case 2 :  obj.choice2();break;  
    case 3 :  obj.choice3();break;  
    case 4 :  obj.choice4();break;  
    case 5 :  obj.choice5();break;  
    case 6 :  obj.choice6();break;  
    //case 7 :  obj.choice7(); break;  
}  
  
obj2.one();  
obj2.two();  
obj2.show();  
}
```