Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_13\_\_\_

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | You have to consider a client server chat bot for your project and implement it on asp.net webforms. |

Submitted On:

04-01-2022

(Date: DD/MM/YY)

**Task 1:**

**Solution:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using System.Windows.Forms;

using AIMLbot;

namespace ChatBotProject

{

static class Program

{

static void Main()

{

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new Form1());

}

}

public class ChatBot

{

const string UserId = "szabist";

private Bot AimlBot;

private User myUser;

public ChatBot()

{

AimlBot = new Bot();

myUser = new User(UserId, AimlBot);

Initialize();

}

// Loads all the AIML files in the \AIML folder

public void Initialize()

{

AimlBot.loadSettings();

AimlBot.isAcceptingUserInput = false;

AimlBot.loadAIMLFromFiles();

AimlBot.isAcceptingUserInput = true;

}

// Given an input string, finds a response using AIMLbot lib

public String getOutput(String input)

{

Request r = new Request(input, myUser, AimlBot);

Result res = AimlBot.Chat(r);

return (res.Output);

}

}

}

**Output:**

Graphical user interface, text, application, chat or text message

Description automatically generated