**DKMC Chatbot**

A chatbot is a computer program that stimulates and process human like conversation. The DKMC chatbot has been created to help user by providing answers to their questions related to the DKM Women’s college. The project frontend is designed using JavaScript, Html, CSS. The project used Visual Studio Code to edit-build-debug the chatbot.

The Bot has been designed such that it can provide the user with the necessary details about the following:

* Courses offered
* Departments available
* Contact details of the college
* Location of the college
* The university under which the college is affiliated with
* Vision and mission statement of the institution
* Admission details of the year 2022-2023.

**CODING**

**HOMPAGE**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>DKMCBot</title>

<link rel="stylesheet" href="static/css/chat.css">

<link rel="stylesheet" href="static/css/home.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

</head>

<body>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="static/scripts/chat.js"> </script>

<script src="static/scripts/responses.js"></script>

<!-- CHAT BAR BLOCK -->

<div class="chat-bar-collapsible">

<button id="chat-button" type="button" class="collapsible">Chat with our DKMCBOT!!

<i id="chat-icon" style="color: #fff;" class="fa fa-fw fa-comments-o"></i>

</button>

<div class="content">

<div class="full-chat-block">

<!-- Message Container -->

<div class="outer-container">

<div class="chat-container">

<!-- Messages -->

<div id="chatbox">

<h5 id="chat-timestamp"></h5>

<p id="botStarterMessage" class="botText"><span>Loading...</span></p>

</div>

<!-- User input box -->

<div class="chat-bar-input-block">

<div id="userInput">

<input id="textInput" class="input-box" type="text" name="msg"

placeholder="Shoot your queries related to apply to DKMC">

<p></p>

</div>

<div class="chat-bar-icons">

<i id="chat-icon" style="color: crimson;" class="fa fa-fw fa-heart"

onclick="heartButton()"></i>

<i id="chat-icon" style="color: #333;" class="fa fa-fw fa-send"

onclick="sendButton()"></i>

</div>

</div>

<div id="chat-bar-bottom">

<p></p>

</div>

</div>

</div>

</div>

</div>

</div>

</body>

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>

<script src="static/scripts/responses.js"></script>

<script src="static/scripts/chat.js"></script>

</html>

**Chat.js**

// Collapsible

var coll = document.getElementsByClassName("collapsible");

for (let i = 0; i < coll.length; i++) {

coll[i].addEventListener("click", function () {

this.classList.toggle("active");

var content = this.nextElementSibling;

if (content.style.maxHeight) {

content.style.maxHeight = null;

} else {

content.style.maxHeight = content.scrollHeight + "px";

}

});

}

function getTime() {

let today = new Date();

hours = today.getHours();

minutes = today.getMinutes();

if (hours < 10) {

hours = "0" + hours;

}

if (minutes < 10) {

minutes = "0" + minutes;

}

let time = hours + ":" + minutes;

return time;

}

// Gets the first message

function firstBotMessage() {

let firstMessage = "Hi!!! I am DKMCBOT...... You can ask me any queries about DKMC!!!! Type 'courses' to know about the course offered"

document.getElementById("botStarterMessage").innerHTML = '<p class="botText"><span>' + firstMessage + '</span></p>';

let time = getTime();

$("#chat-timestamp").append(time);

document.getElementById("userInput").scrollIntoView(false);

}

firstBotMessage();

// Retrieves the response

function getHardResponse(userText) {

let botResponse = getBotResponse(userText);

let botHtml = '<p class="botText"><span>' + botResponse + '</span></p>';

$("#chatbox").append(botHtml);

document.getElementById("chat-bar-bottom").scrollIntoView(true);

}

//Gets the text text from the input box and processes it

function getResponse() {

let userText = $("#textInput").val();

if (userText == "") {

userText = "We, at DKM college, strongly believe in the words, “The direction in which education takes a man, will determine his future life”.!";

}

let userHtml = '<p class="userText"><span>' + userText + '</span></p>';

$("#textInput").val("");

$("#chatbox").append(userHtml);

document.getElementById("chat-bar-bottom").scrollIntoView(true);

setTimeout(() => {

getHardResponse(userText.ignorecase());

}, 1000)

}

// Handles sending text via button clicks

function buttonSendText(sampleText) {

let userHtml = '<p class="userText"><span>' + sampleText + '</span></p>';

$("#textInput").val("");

$("#chatbox").append(userHtml);

document.getElementById("chat-bar-bottom").scrollIntoView(true);

//Uncomment this if you want the bot to respond to this buttonSendText event

// setTimeout(() => {

// getHardResponse(sampleText);

// }, 1000)

}

function sendButton() {

getResponse();

}

function heartButton() {

buttonSendText("Heart clicked!")

}

// Press enter to send a message

$("#textInput").keypress(function (e) {

if (e.which == 13) {

getResponse();

}

**Screenshots of the conversation between the user and the DKMCBot**





















