PROJECT REPORT

on

Cloud Based Student Information Chat Bot

(CSE III Semester Mini project)

TRANSFORMING DREAMS INTO REALITY

GRAPHIC ERA HILL UNIVERSITY

Submitted by:

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University Roll.:2018307

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

CERTIFICATE

Certified that Mr. Deepank Pushpad(Roll No.- 2018307) has developed mini project on “Cloud Based Student Chat Bot” for the CS III Semester Mini Project Lab in Graphic Era Hill University, Dehradun. The project carried out by the Student is his own work as best of my knowledge.

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ACKNOWLEDGMENT

I would like to express my gratitude towards my supervisor Mr. Ankit Gupta, whose expertise, patience and understanding, added considerably to my capstone project experience. His knowledge of internet technologies and a little research helped me develop a professional application that respects the enterprise-class application principles. Knowledge about this kind of application is really useful in the job place and for internship proposals and it represents a great asset even before beginning my career in the professional world. This is also the occasion to thank my family for all the support and love they provided me to make the best of this experience. It wouldn’t have been possible without their support and help whenever I needed them. I would also thank the beautiful Graphic Era Deemed to be University for providing us a medium to interact and be able to make this beautiful professionally valuable project.

Mr. DEEPANK PUSHPAD

Roll No.- 2018307

CSE-III-Sem

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GEHU, Dehradun

INTRODUCTION

This project is about the student information chat bot that replies to a student query whenever they ask some question. In this project I have created a Web based Chat Bot .

Students will get the information regarding there queries whatever they want to ask. They don't have need to interact with a person or anybody to resolve there query.

In this I have also created a login and admin panel from where admin can add question and answer and can also see question that people had asked from the Bot.

I have created this chat bot using Html,CSS,Javascript , NodeJs , MongoDb.

MOTIVATION

Student face problem whenever they have a question or query they do not who knows the answer and who can solve there query. And if there is a person who can solve there query they can’t be present all the time to answer there query but a bot will be always present there.

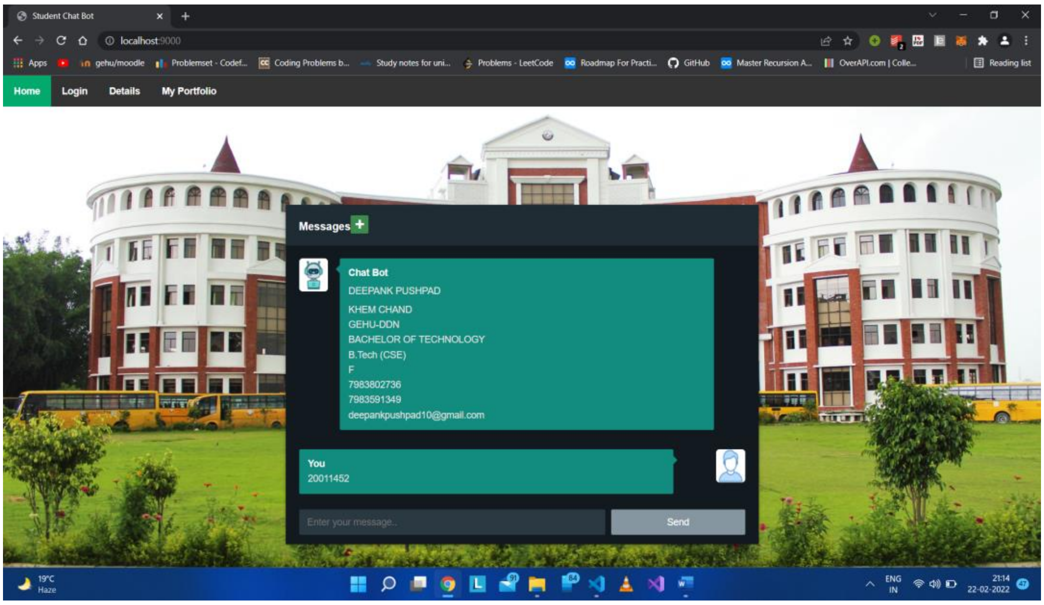
Content of Chatbot

- Navigation bar
- Login Page
- Admin Page
- Query asked Page
- Add details page
- Chat bot window

PROCESS

- NodeJs Server.
- Basic Front end.
- A screen to display query and answer of student
- Displaying result.
- Handle change in data.
- Create home section.
- Create login section.
- Create admin section.

Screenshots



Chat Bot
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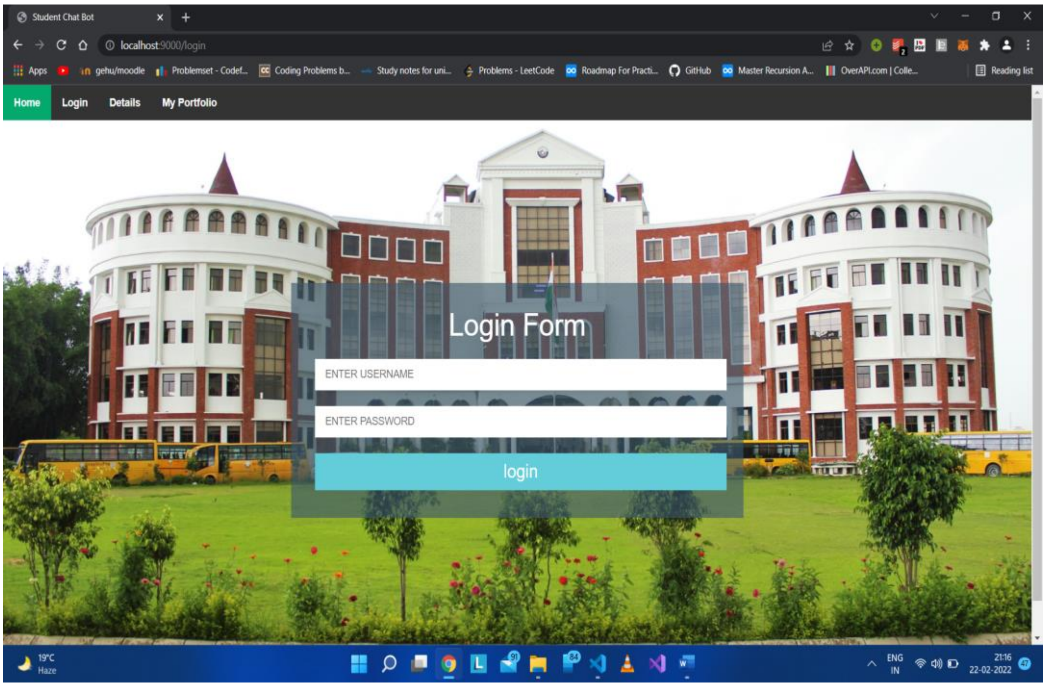
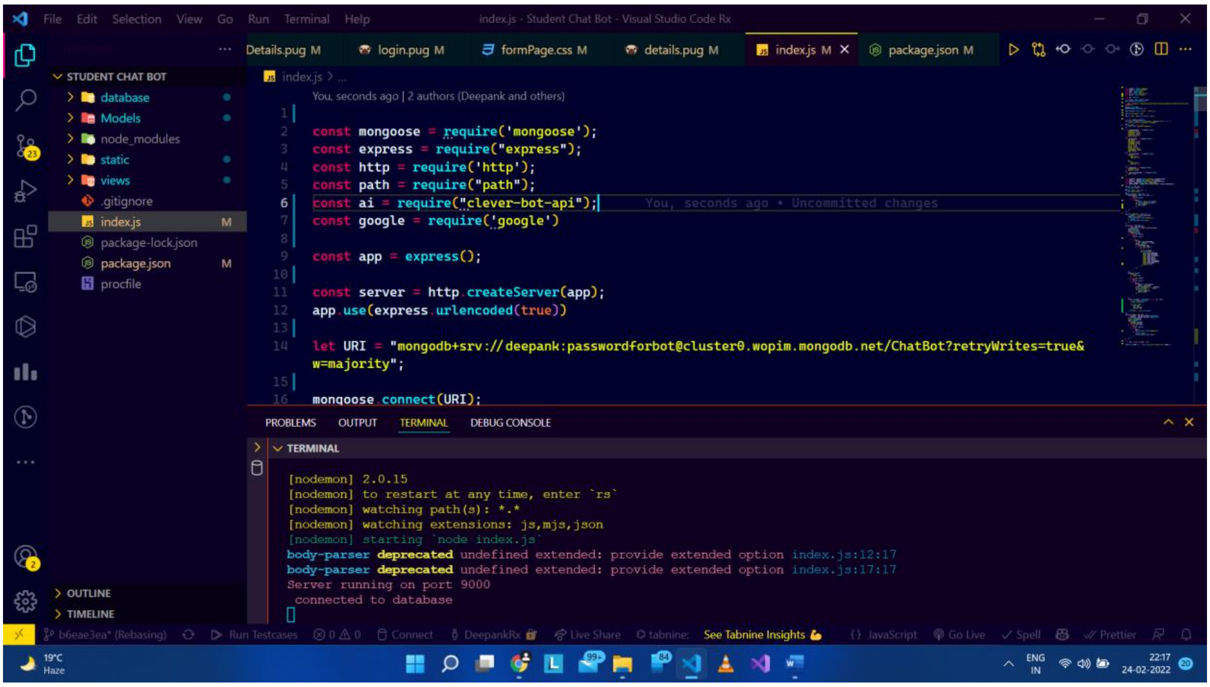


CODE



```javascript

const mongoose = require('mongoose');
const express = require("express");
const http = require('http');
const path = require("path");
const ai = require("clever-bot-api");
const google = require('google')

const app = express();

const server = http.createServer(app);
app.use(express.urlencoded(true))

let URI = "mongodb+srv://deepank:passwordforbot@cluster0.wopim.mongodb.net/ChatBot?retryWrites=true&w=majority";

mongoose.connect(URI);
```

```
[nodemon] 2.0.15
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node index.js`
body-parser deprecated undefined extended: provide extended option index.js:12:17
body-parser deprecated undefined extended: provide extended option index.js:17:17
Server running on port 9000
 connected to database
```