

## INSTALLATION DOCUMENTATION

### Software's to install: -

- MySQL: <https://www.mysql.com/downloads/>
- NodeJS: <https://nodejs.org/en/download>

### In the current Project folder (campus vibes) do the following: -

- Open the terminal
- Run the command: `npm init --yes`
- Run the command: `npm i nodemon -D`
- In `packages.json` file under dependencies section install the following packages using: `npm i package_name`
- In router folder, in `event.js` file and `login.js` file replace password with your mysql password under:

```
const pool = mysql.createPool({  
  connectionLimit : 4 ,  
  host : "localhost" ,  
  user : "root" ,  
  password : "your_password" ,  
  database : "campus_vibes"  
});
```

To run the project, open the terminal in current project folder and type the command: `nodemon`

Go to browser and type the url : `localhost:5000/login`

### Queries to run in mysql shell: -

- **create database campus\_vibes;**
- **use campus\_vibes;**
- **create table Clubs ( Club\_ID int not null primary key, Name varchar(40) not null , Description varchar(80) not null , Club\_Lead varchar(30));**
- **create table Users ( Name varchar(30) not null , Roll\_Number varchar(15) not null primary key , Password varchar(10) not null , Role varchar(20) not null , Login\_Status int not null default 0);**
- **create table Event ( Event\_ID int not null primary key auto\_increment , Club\_ID int not null , Event\_Name varchar(100) , Location varchar(30) , Speaker varchar(30) , Link varchar(500) , Topic varchar(300) , Description varchar(60) , Date varchar(45) , Time varchar(45) foreign key (Club\_ID) reference Clubs(Club\_ID));**

### In the backend folder do the following: -

- **Download Miniconda:**  
Go to <https://www.anaconda.com/download/> and download the installer for your OS and run the .exe
- Run **conda create -n myenv python=3.10** in terminal and activate it by running **conda activate myenv** replace myenv with name of your choice
- After the conda environment is activated in the terminal run the following command **pip install dateparser transformers schedule mysql-connector-python google-api-python-client google-auth google-auth-oauthlib**
- Go to <https://console.cloud.google.com/> and enable Gmail API.

Click Create Credential for Gmail API. In Credential Type choose User Data . In Scopes dropdown select Add or remove scopes, in the popup search for <https://www.googleapis.com/auth/gmail.readonly>. In OAuth Client ID select Application Type Desktop App and click Enter. After completing above steps download the credentials which is a json file and relocate it to backend folder and rename it credentials.json

- In the terminal run `python fetch_emails.py` it will redirect to web page and choose the email which you would want to receive mails from other mails
- In `fetch_emails.py`, update line 80 to specify the email address from which you will send the mail.

Ex In this 'abrahamthomas1002@gmail.com': 1010 replace 'abrahamthomas1002@gmail.com' with [your-email@gmail.com](mailto:your-email@gmail.com)

- Send a test mail from [your-email@gmail.com](mailto:your-email@gmail.com) to the mail you chose when you ran `python fetch_email.py` for first time
- After completing above steps run `python fetch_email.py`