Title: Party Participation Tracker.

Group Members:

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Abstract: This is a service-based project, which helps us conduct the headcount in any kind of get together, club, chapter, group, association, body, crowd, company or participation.
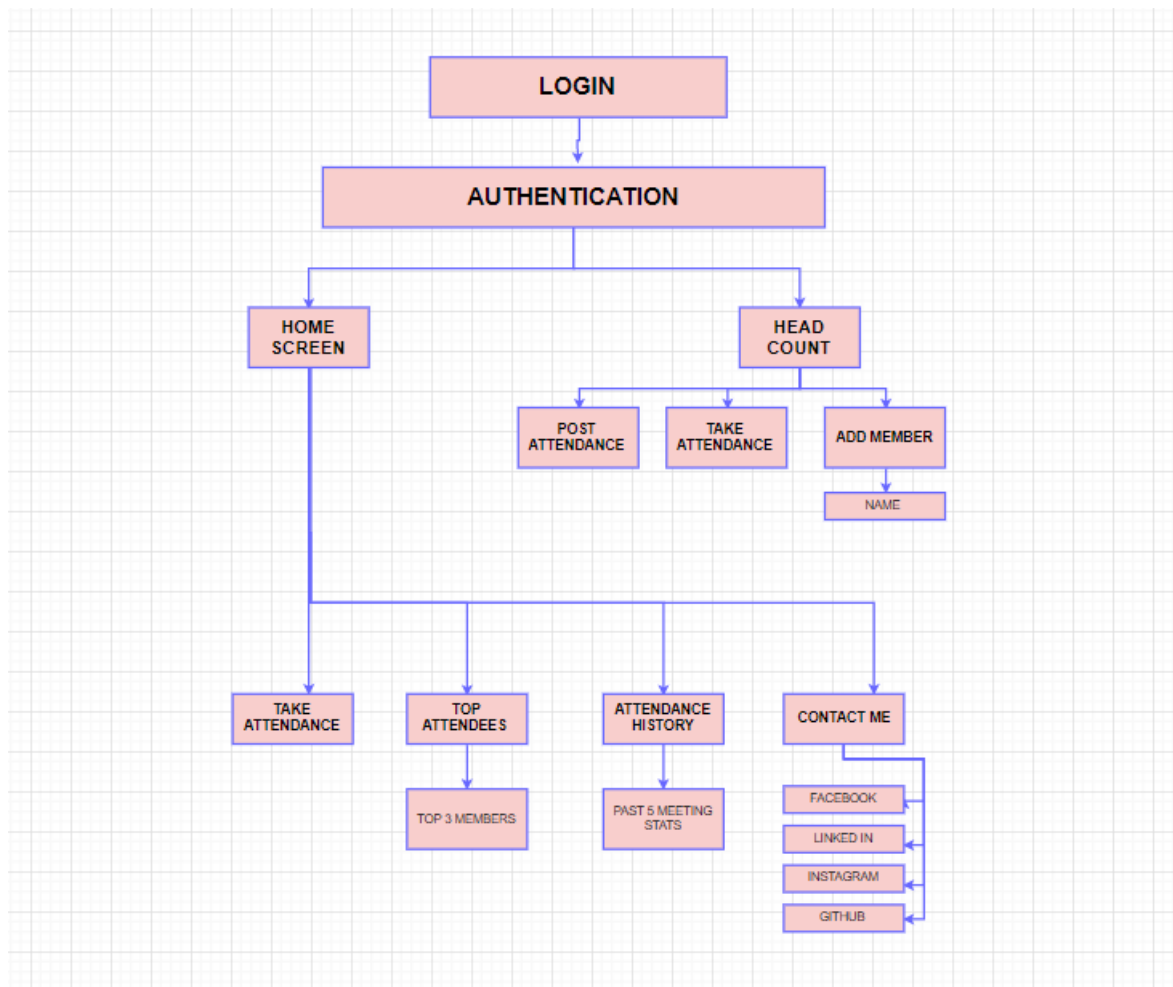
This has a wide range of application and can be actively used actively in the club and chapter meeting in our college itself. We can always see people passing a paper or phone around to manually type name and registration number during every single meeting and association. This is tiresome and dull, here knows our "Party Participation Tracker" which will make this a smooth and fun experience.

Right now the project is limited to a VinnovateIT lab in VIT-Vellore for testing the hypothesis of the need of the product and market alignment of the idea.

In the later versions, one can expect the app to be generalized for all sorts of getting together.

Web Technologies Used :

1. HTML 5
2. CSS 3
3. Java Script
4. MongoDB Atlas
5. Node.js
6. Embedded Javascript
7. Express
8. Mongoose
9. Nodemon
10. Body Parser.

MODULES :

1. The primary thing to do is to authenticate as a user. User will be prompted to enter the username and password if registered, else a signup process will be directed.

2. After Authentication, you will be displayed with the home screen which will have all the details regarding taking

attendance, top attendees, attendance history of that particular group associated with that particular authenticated account, contact details.

3. Headcount will have the real attendance taking procedure which will be conducted by enabling the switch against the name of the present student. Finally, the attendance will be posted and the user will be directed to the home screen where the user can see the reflected results.

IMPLEMENTATION :

LINK TO GIT HUB REPOSITORY:
https://github.com/wimpywarlord/club_attendence_website

CODE FOR HOME PAGE:
https://github.com/wimpywarlord/club_attendence_website/blob/master/views/viit_attendence.ejs

CODE FOR ATTENDANCE PAGE:
https://github.com/wimpywarlord/club_attendence_website/blob/master/views/take_att_page.ejs

CODE FOR BACKEND:

https://github.com/wimpywarlord/club_attendence_website/blob/master/backend.js

CODE FOR LOGIN PAGE :
https://github.com/wimpywarlord/club_attendence_website/blob/master/views/login.html

The database is managed by MongoDB atlas and its always online.

The website has been hosted and published using Heroku and can be actually used with this link :

https://viit-attendence.herokuapp.com/

{Kindly do not post attendance since this website is actively being used by many clubs in vit and doing so will cause discrepancy in the database.}
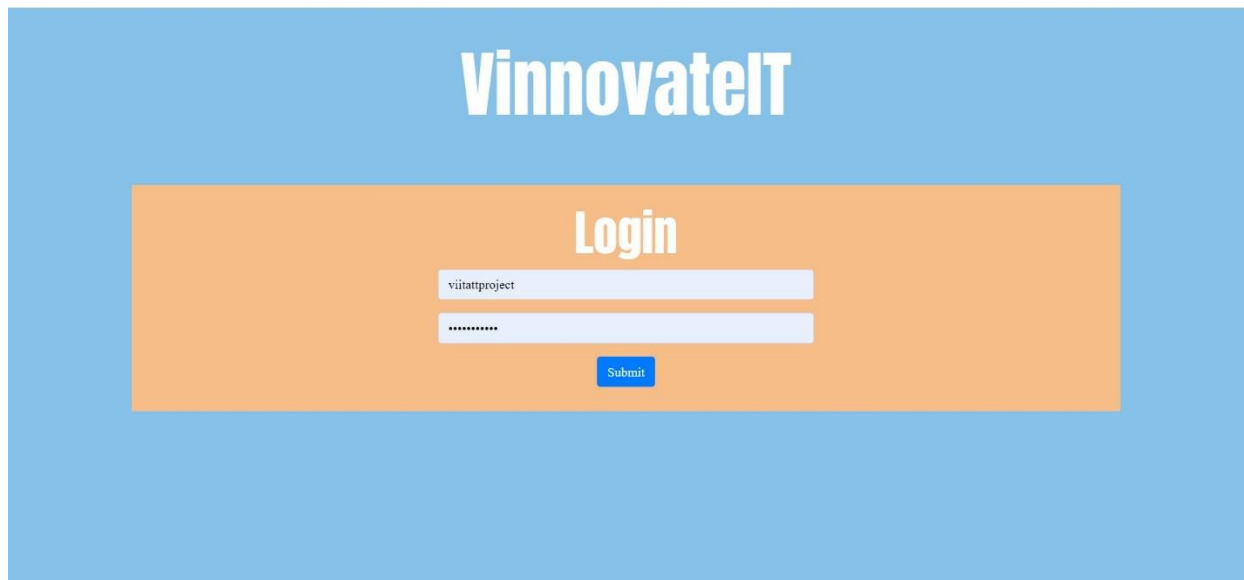
VinnovateIT

Login

viitattproject

••••••••••

Submit

V innovate IT

KSHITIJ DHYANI

What we think, we become.

CLICK ME TO TAKE ATTENDENCE

Kshitij Dhyani
NO OF MEETINGS ATTENDED : 11

Ritik Rai
NO OF MEETINGS ATTENDED : 2

Aryan Grover
NO OF MEETINGS ATTENDED : 2

ATTENDENCE HISTORY

Sun Aug 25 2019 01:35:51 GMT+0530 (India Standard Time)
STATISTICS : 1/36

Sun Aug 25 2019 01:35:39 GMT+0530 (India Standard Time)
STATISTICS : 1/36

Sun Aug 25 2019 01:35:29 GMT+0530 (India Standard Time)
STATISTICS : 1/36

Sun Aug 25 2019 01:32:23 GMT+0530 (India Standard Time)
STATISTICS : 1/36

Sun Aug 25 2019 00:44:38 GMT+0530 (India Standard Time)
STATISTICS : 1/36

LETS TAKE SOME ATTENDENCE.

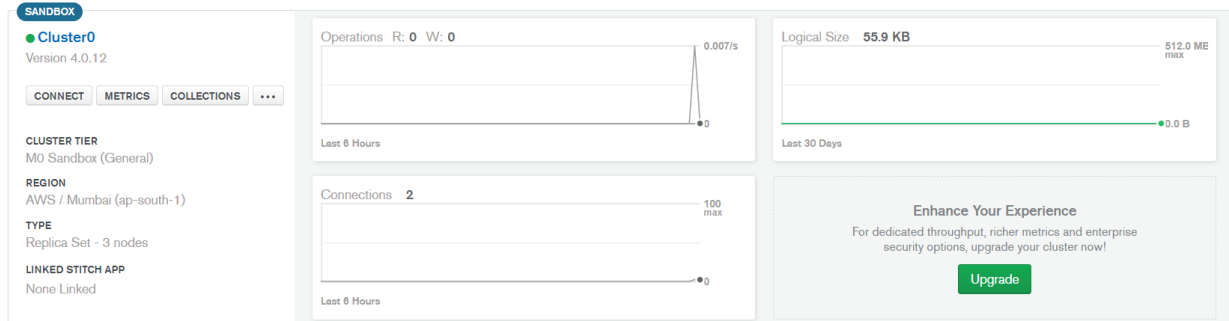| Name		
Ayushi udasi	Absent	Present
Karan Mittal	Absent	Present
R Senthil Kumar	Absent	Present
Roshan Shah	Absent	Present
Emmadi Divya Srujana	Absent	Present
Rishika Goyal	Absent	Present
Advaitva Gupta	Absent	Present
Aryan Grover	Absent	Present
Akshit Sawnani	Absent	Present
Aditya Kumar	Absent	Present
Siddharth Rao	Absent	Present

POST ATTENDENCE

The backend is done with the help of mongo dB and node.js. Here is the preview of the data stored in mongo dB atlas in json format.

SANDBOX

● Cluster0
Version 4.0.12

CONNECT   METRICS   COLLECTIONS   ···

CLUSTER TIER
M0 Sandbox (General)

REGION
AWS / Mumbai (ap-south-1)

TYPE
Replica Set - 3 nodes

LINKED STITCH APP
None Linked

Operations R: 0   W: 0   0.007/s

Last 6 Hours

Connections   2   100
                                           max

Last 6 Hours

Logical Size 55.9 KB   512.0 MB
                                           max

Last 30 Days   ●0.0 B

Enhance Your Experience
For dedicated throughput, richer metrics and enterprise
security options, upgrade your cluster now!

Upgrade

VIT > VIIT > CLUSTERS

⚘ Cluster0   VERSION   REGION
                                                    4.0.12   Mumbai (ap-south-1)

Overview   Real Time   Metrics   Collections   Profiler   Performance Advisor   Command Line Tools

DATABASES: 1 COLLECTIONS: 2   ⟳ REFRESH

+ Create Database   viit.att_histories

Q NAMESPACES   COLLECTION SIZE: 710B   TOTAL DOCUMENTS: 6   INDEXES TOTAL SIZE: 36KB

▽ viit   Find   Indexes   Aggregation

   att_histories   INSERT DOCUMENT
   viit_atts
                           FILTER {"filter":"example"}   Find   Reset

                           QUERY RESULTS 1-6 OF 6

                           _id: ObjectId("5d618c9e335f12450872b26b")
                           time: "Sun Aug 25 2019 00:44:38 GMT+0530 (India Standard Time)"
                           att_stats: "1/36"
                           __v: 0

                           _id: ObjectId("5d6197cf423bbe0474d3db2f")
                           time: "Sun Aug 25 2019 01:32:23 GMT+0530 (India Standard Time)"
                           att_stats: "1/36"
                           __v: 0

_id: ObjectId("5d618c9e335f12450872b26b")
time: "Sun Aug 25 2019 00:44:38 GMT+0530 (India Standard Time)"
att_stats: "1/36"
__v: 0

_id: ObjectId("5d6197cf423bbe0474d3db2f")
time: "Sun Aug 25 2019 01:32:23 GMT+0530 (India Standard Time)"
att_stats: "1/36"
__v: 0

_id: ObjectId("5d6198899e9a2d21a84151c3")
time: "Sun Aug 25 2019 01:35:29 GMT+0530 (India Standard Time)"
att_stats: "1/36"
__v: 0

_id: ObjectId("5d6198939e9a2d21a84151c4")
time: "Sun Aug 25 2019 01:35:39 GMT+0530 (India Standard Time)"
att_stats: "1/36"
__v: 0

_id: ObjectId("5d567f2d483ad83006d2ddf7")
name: "Karan Mittal"
no_of_present: 1
no_of_absent: 2

_id: ObjectId("5d567f2e483ad83006d2ddf8")
name: "Naman Sharma"
no_of_present: 0
no_of_absent: 2

_id: ObjectId("5d567f2e483ad83006d2ddf9")
name: "R Senthil Kumar"
no_of_present: 1
no_of_absent: 2

_id: ObjectId("5d567f2e483ad83006d2ddfa")
name: "Roshan Shah"
no_of_present: 1
no_of_absent: 2

Have fun using our service and website, do star repo on GitHub and show support by connecting with us on social media.

The code has been written human readable manner and each and every line has been a group effort in the project, as u can observe very simply that this is a very innovative project and cannot be replicated by using ready made code online , we have had a great learning curve with the course of web technologies alongside with his project and we wish to keep upgrading this service, our website is gaining popularity and seems like a successful and fruitful learning experience.