

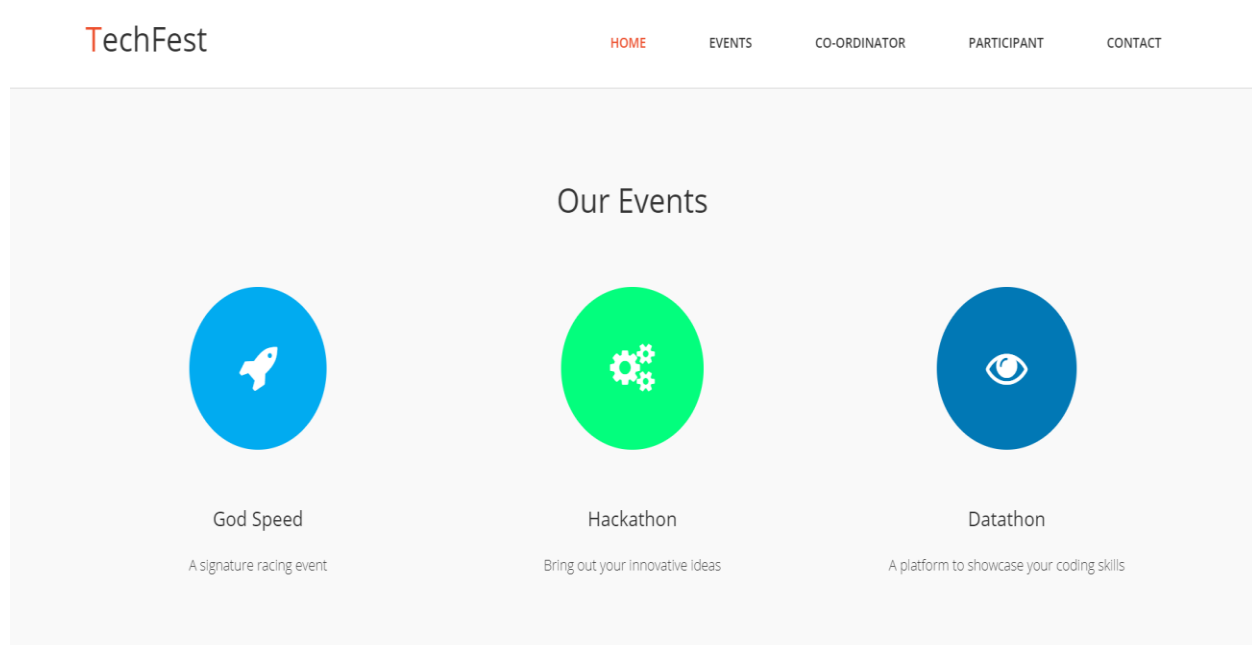
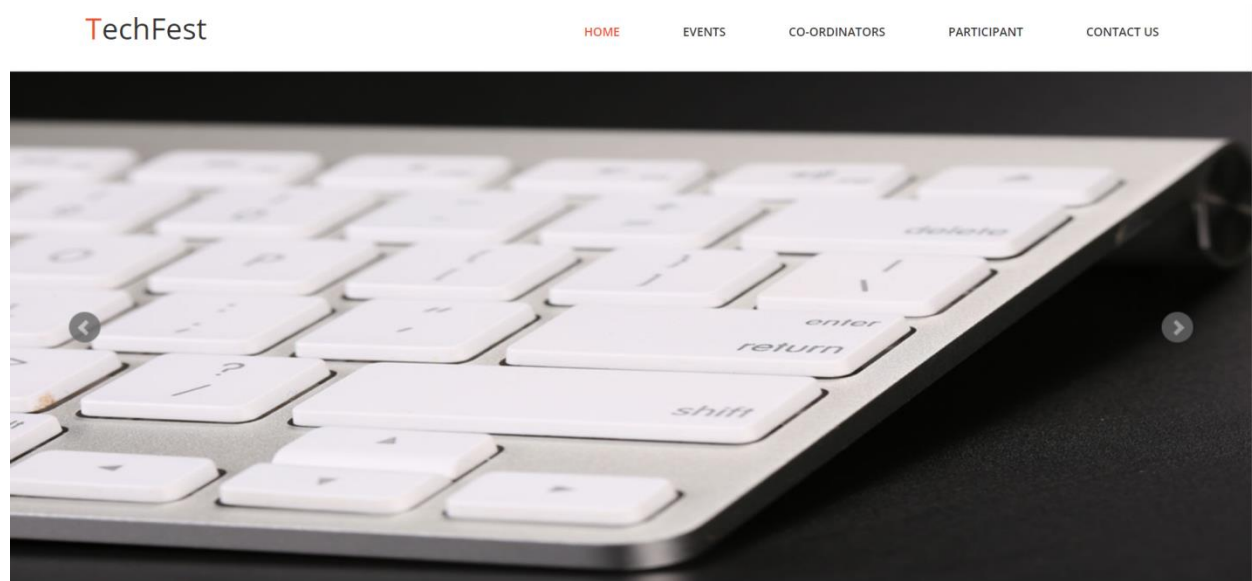
DBMS PROJECT (FRONT END AND BACKEND)

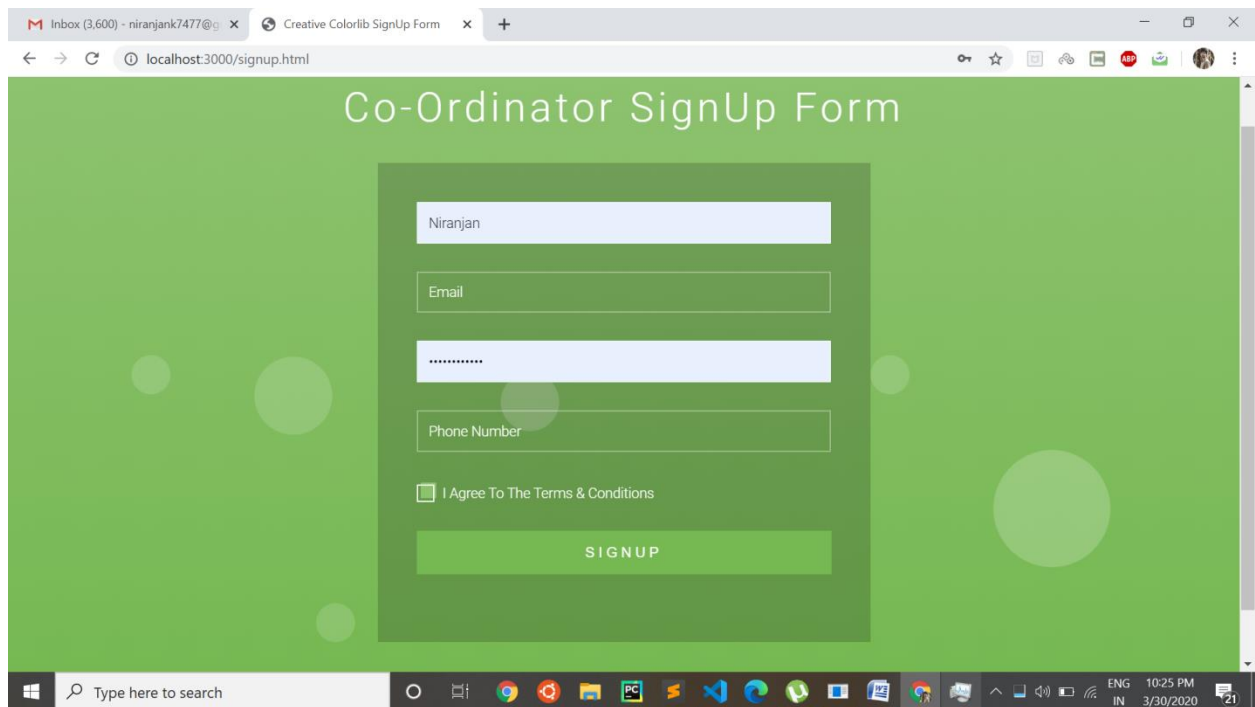
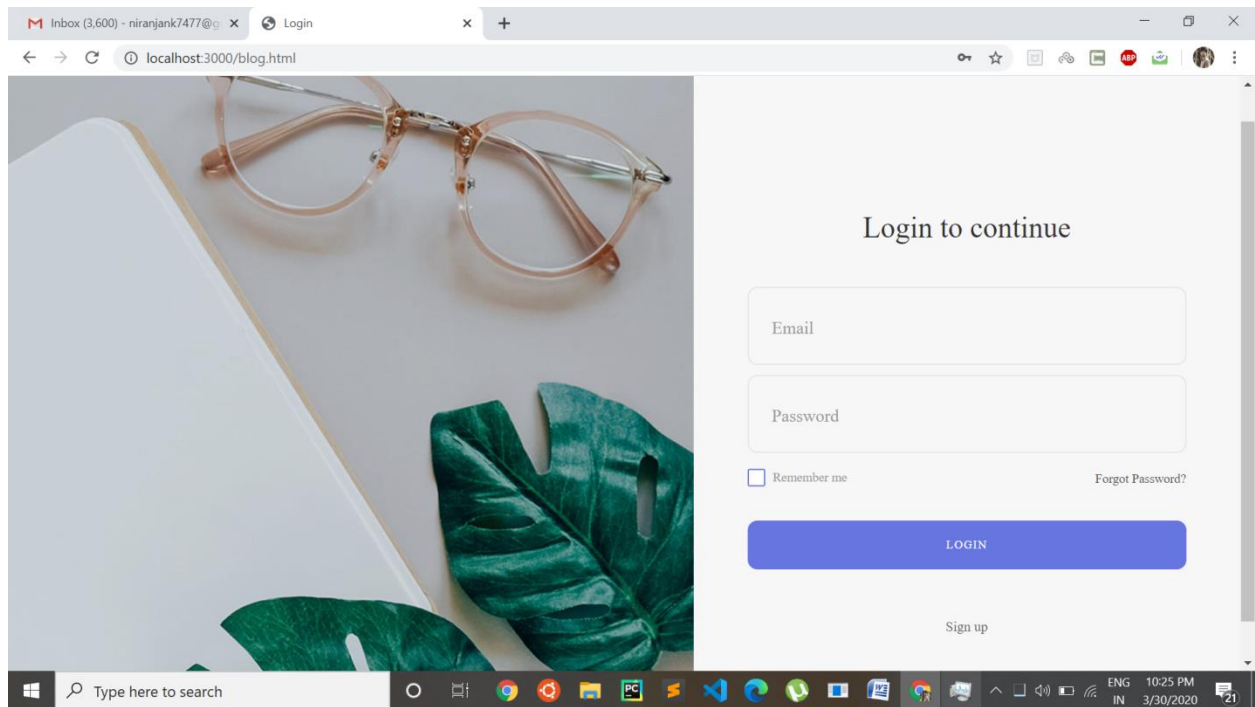
K.Niranjana

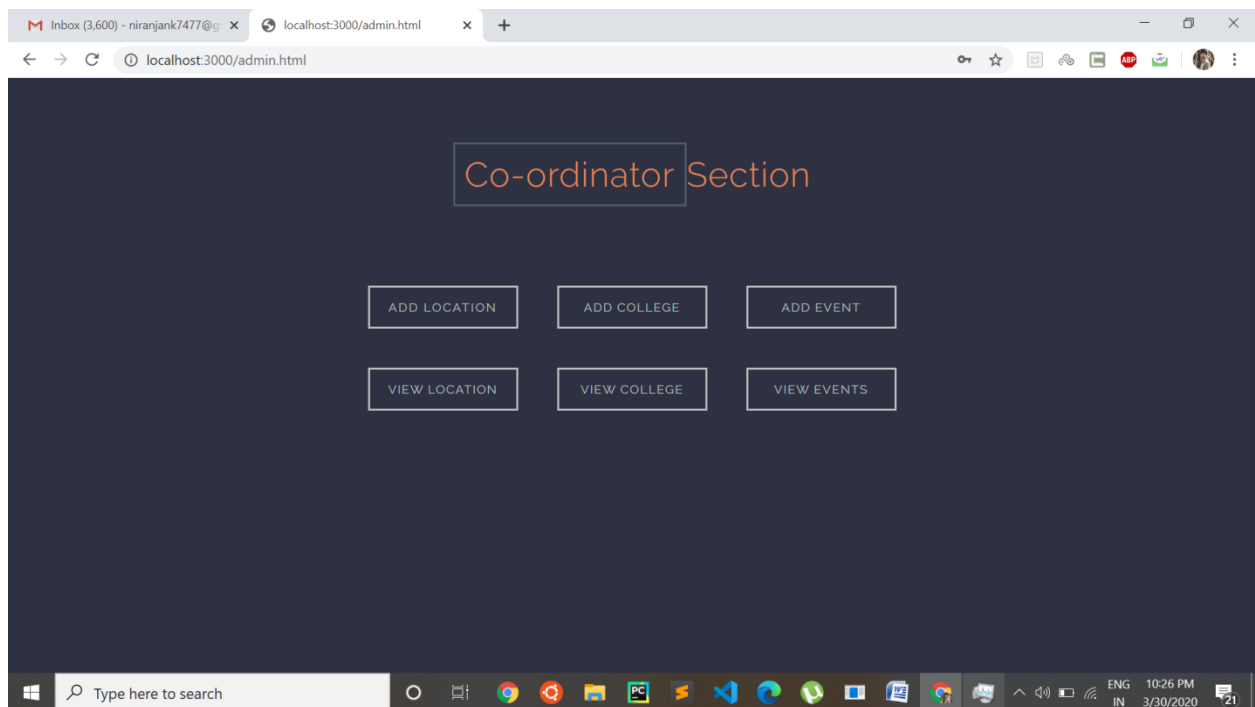
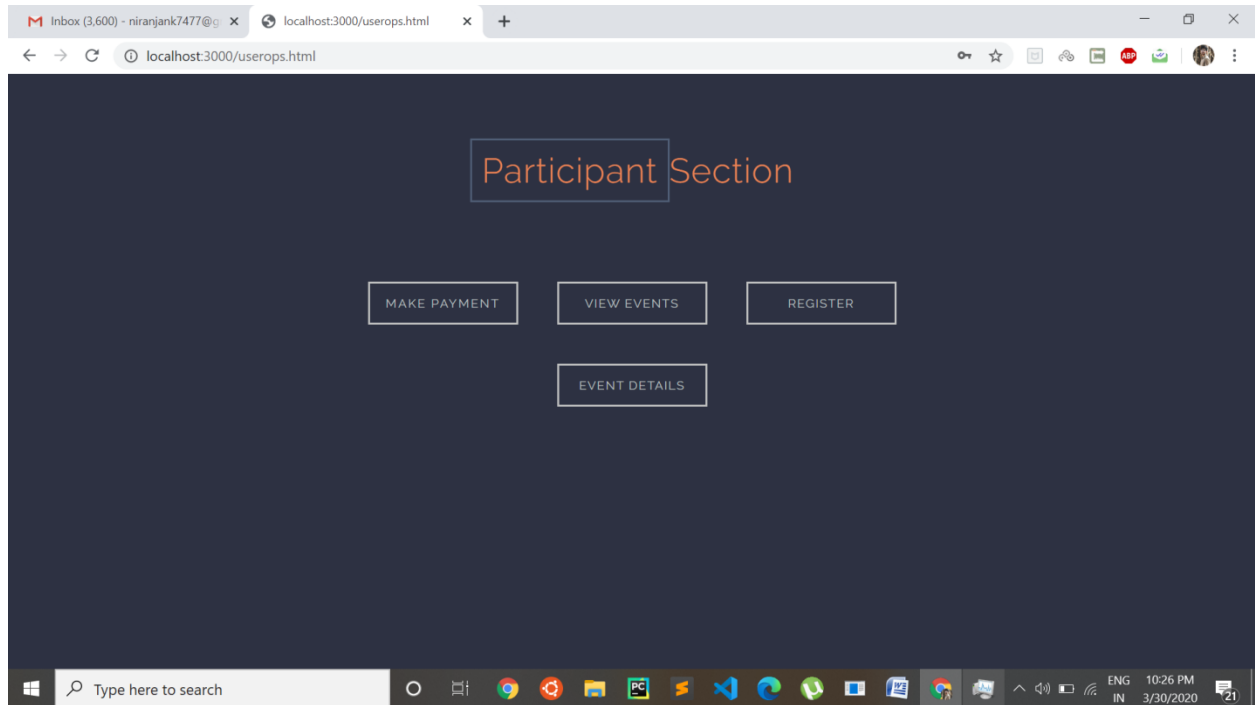
S.R.Vivekanandan

Q – Batch

Screenshots (Front End)







Screenshots (Backend)

We have used Node.js and oracle's sqlplus

The screenshot shows the Visual Studio Code interface with a project named 'app.js - dbms_project'. The Explorer panel on the left shows a file structure with 'app.js' and several HTML files. The main editor displays the 'app.js' file, which is a Node.js application using Express.js to connect to an Oracle database. The code includes imports for 'express', 'oracledb', 'path', 'http', 'url', 'body-parser', and 'express.static'. It sets up a server on port 3000 and defines a POST endpoint for '/signup'. The terminal at the bottom shows the command 'node app.js' being executed, resulting in a successful connection to the Oracle database.

```
app.js - dbms_project - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
  JS app.js
  make_payment.html public
  signupp.html public
  add_event.html public
  DBMS PROJECT
    admin.html
    blog.html
    contact.html
    evdets.html
    index.html
    make_payment.html
    portfolio.html
    register.html
    services.html
    signup.html
    signupp.html
    success.html
    userops.html
    view_clg.html
    view_eve_name.html
    view_eve.html
    view_loc.html
  JS app.js
  JS dbconfig.js
  package-lock.json
  JS app.js
  1 const express = require('express')
  2 const app = express()
  3 var oracledb = require('oracledb');
  4 var dbConfig = require('./dbconfig.js');
  5 const path = require('path')
  6 var http = require('http');
  7 var url = require('url');
  8 const pubdirpath = path.join(__dirname, '/public')
  9 const bodyParser = require('body-parser');
 10 app.use(bodyParser.urlencoded({ extended: true }));
 11 app.use(express.static(pubdirpath))
 12 let connection;
 13 var oracledb = require('oracledb');
 14
 15 app.post('/signup', (req, res) => {
 16   var username = String(req.body.Username);
 17   var email = String(req.body.email);
 18   var password = String(req.body.password);
 19   var phonenum = req.body.phone_number;
 20
 21   connection.execute('SELECT password FROM app_user where email_id = :email') callback
 22
 23   connection.execute('INSERT INTO app_user (username, email, password, phone_number) VALUES (:username, :email, :password, :phone_number)') callback
 24
 25   res.status(200).send('User registered successfully')
 26 })
 27
 28 app.listen(3000, () => {
 29   console.log('Server is running on port 3000')
 30 })
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

1: node

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\dbms_project> node app.js
Server is up on port 3000.
Successfully connected to Oracle!
Success!
Successfully connected to Oracle!
Success!

The screenshot shows the SQL Plus command-line interface. It displays the version (11.2.0.1.0) and copyright information. The user 'SYSTEM' is connected to the Oracle Database 11g Enterprise Edition. The user enters the command 'SQL> desc college', and the output shows the structure of the 'college' table. The user then enters 'SQL> desc location', and the output shows the structure of the 'location' table. Finally, the user enters 'SQL> desc event', and the output shows the structure of the 'event' table.

```
SQL*Plus: Release 11.2.0.1.0 Production on Mon Mar 30 16:25:59 2020
Copyright (c) 1982, 2010, Oracle. All rights reserved.
Enter user-name: SYSTEM
Enter password:
Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options
SQL> desc college
Name Null? Type
-----
COLLEGE_ID NOT NULL NUMBER(4)
COLLEGE_NAME NOT NULL VARCHAR2(40)
ADDRESS NOT NULL VARCHAR2(40)
SQL> desc location
Name Null? Type
-----
LOCATION_ID NOT NULL NUMBER(4)
BUILDING NOT NULL VARCHAR2(20)
ROOM_NO NOT NULL NUMBER(4)
SQL> desc event
Name Null? Type
-----
EVENT_ID NOT NULL NUMBER(4)
EVENT_NAME NOT NULL VARCHAR2(40)
CATEGORY NOT NULL VARCHAR2(40)
NO_OF_PARTICIPANT NOT NULL NUMBER(2)
FEE_NATIVECLG NOT NULL NUMBER(6)
FEE_OTHERCLG NOT NULL NUMBER(6)
WINNER_ID NUMBER(6)
RUNNER_ID NUMBER(6)
EVENT_STATUS NOT NULL VARCHAR2(40)
TIMING NOT NULL VARCHAR2(40)
EVENT_DATE NOT NULL DATE
PRIZE_POOL NOT NULL VARCHAR2(40)
```

I have attached the files for your reference with this e-mail.

Thank you.