#### **ABSTRACT**

The rise of digital communication and the spread of the internet has made an enormous impact in every industry. One such domain is the Hiring process, where a job seeker applies to a job by creating a profile on a job portal by providing all his/her work preferences. These work preferences of each user can be collected from each user and provide job recommendations based on their preference. There had been work done in this field, where researchers have implemented Recsys using the Hybrid filtering method as user data had previous interaction with item. This article presents a recommender system that aims to help job seekers to find suitable jobs. First, job offers are collected from job search websites then they are prepared to extract meaningful attributes such as job titles and technical skills. Job offers with common features are grouped into clusters. As job seeker like one job belonging to a cluster, he will probably find other jobs in that cluster that he will like as well. A list of top n recommendations is suggested after matching data from job clusters and job seeker behaviour, which consists on user interactions such as applications, likes and rating.

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#### INTRODUCTION

## 1.1 PROJECT OVERVIEW:

In today's world, recommendation systems are used to solve the problem of information overload in many areas allowing users to focus on important information based on their interests. One of the areas where such systems can play a major role is in helping students achieve their career goals by generating personalized job and skill recommendations. At present, there are many job posting websites providing a huge amount of information and students need to spend hours to find jobs that match their interests. At the same time, existing job recommendation systems only consider the user's field of interest, but do not take into consideration the user's profile and skills, which can generate more relevant career recommendations for users.

The Internet-based recruiting platforms become a primary recruitment channel in most companies. While such platforms decrease the recruitment time and advertisement cost, they suffer from an inappropriateness of traditional information retrieval techniques like the Boolean search methods. Consequently, a vast amount of candidates missed the opportunity of recruiting. The recommender system technology aims to help users in finding items that match their personnel interests; it has a successful usage in e-commerce applications to deal with problems related to information overload efficiently. In order to improve the e-recruiting functionality, many recommender system approaches have been proposed. This article will present a survey of e-recruiting process and existing recommendation approaches for building personalized recommender systems for candidates/job matching.

From the start of the commercialization of the internet in the late 1980s, the question was raised of howthis technology could be leveraged in employee recruitment to enhance job seeker - vacancy matching.

#### 1.2 PURPOSE:

Job recommendation is also dynamic and must adapt to the changing requirements of the end user. Jobs usually come with the criteria of suitability mentioned in job description that a candidate is supposed to satisfy. Some jobs are particular about the criteria while others are not, which might depend on attributes like company and designation. Certain features like skills and designations that have high dimensionality must be meticulously represented for algorithms to use them efficiently.

The match between candidates and jobs involves a complex amalgamation of the attributes of candidates and jobs. The intent is to identify the patterns in the data for recommending relevant jobs to candidates. The prediction of jobs for a candidate is based on information derived from the data about candidates applying for jobs on a web portal. A rule-based recommender system might not be an ideal solution as it is bound to miss cases, especially the nuances that humans cannot comprehend.

#### LITERATURE SURVEY

#### 2.1 EXISTING PROBLEMS:

The problem of job search and jobrecommendation is little different from a general information retrieval/recommendation task. Job seekers frequently use 'general-purpose' search engines and online social networks to search for jobs. Previous surveys on job recommender systems, which consider JRS contributions before 2012, include the latter survey which is very limited in scope. There are many recommendation system that asks for premium access to get advanced features. Recommender systems are being broadly accepted in various applications to suggest product services and information items to latent customers. But recently, many e-commerce applications join recommender systems in order to expand those customer services, increase the selling rates and decrease customers search time.

#### 2.2 REFERENCES:

#### **JOURNALS REFERRED:**

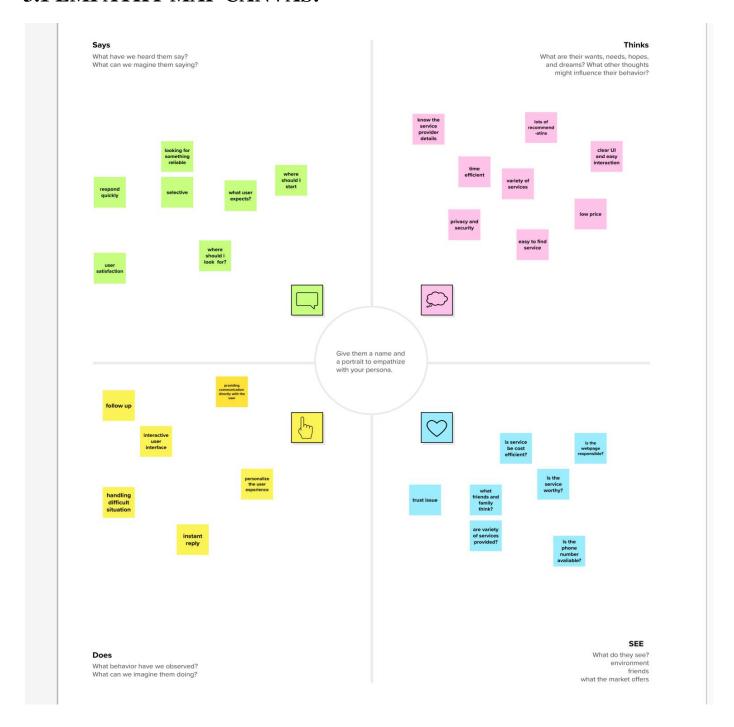
- Aakash Roy, Amber Nigam, Harsimran Walia, HartaranSingh[2019], "Job Recommendation through Progression of Job selection".
- AkshayGugnani, Karthikeyan Ponnazhagu, Vinay Kumar Reddy, Kasireddy[2018], "Generating Unified Candidate Skill Graph for Career Path Recommendation".
- Corne de Ruijt, SandjaiBhulai[2021], "Job Recommender Systems: A review".
- MagdaliaEirinaki, Bharat Patel, Varun Kakuste[2017], "CaPaR:ACareer Path Recommendation Framework".
- Savita Choudary, Siddanth Mishra, Anunay Thakur, Rishabh Jain[2016], "Collaborative Job Prediction Based on NaiveBayes Classifier Using Python Platform.
- ShahaT.Al-Otaibi and MourabYkhlef[2012], "A Survey of Job Recommender Systems".

## 2.3 PROBLEM STATEMENT DEFINITION

I am a Fresher. I am trying to find a job but it is very difficult to search by going to each company because it consumes more amount and time to search the company and provide the resumes in person which makes me feelfrustated when I am not getting proper information about the skills required and the job that is offered.

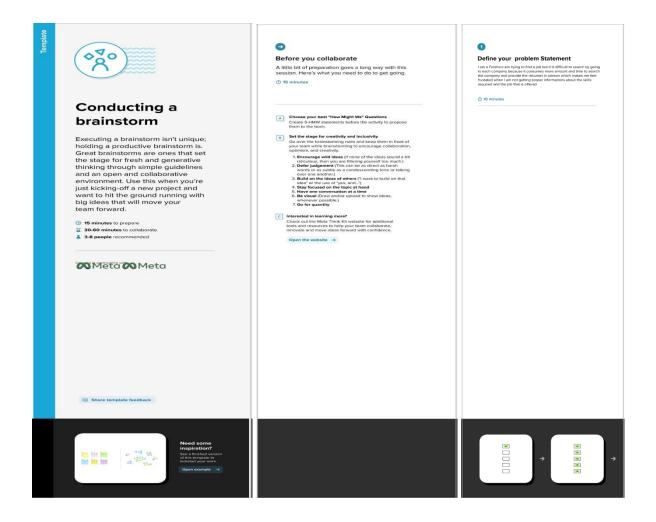
## **IDEATION AND PROPOSED SOLUTION**

## **3.1 EMPATHY MAP CANVAS:**

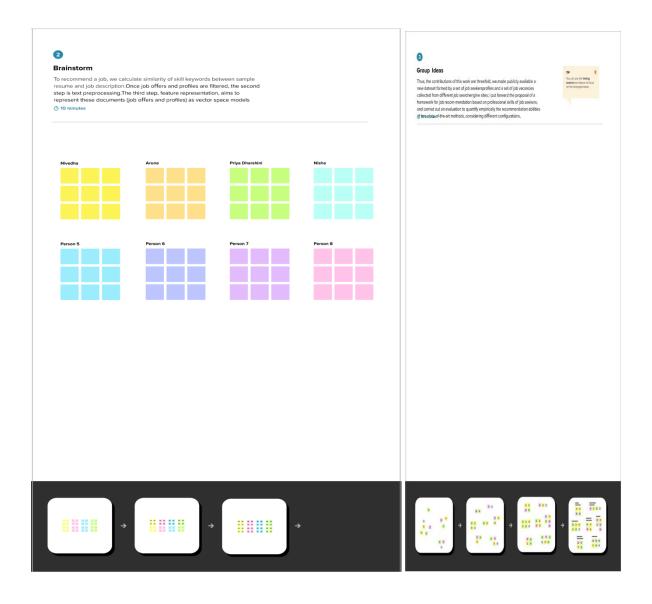


#### 3.2 IDEATION AND BRAINSTORMING:

#### Step-1: Team Gathering, Collaboration and Select the Problem Statement



# Step-2:Brainstorm,IdeaListingandGrouping



# **Step-3:IdeaPrioritization**

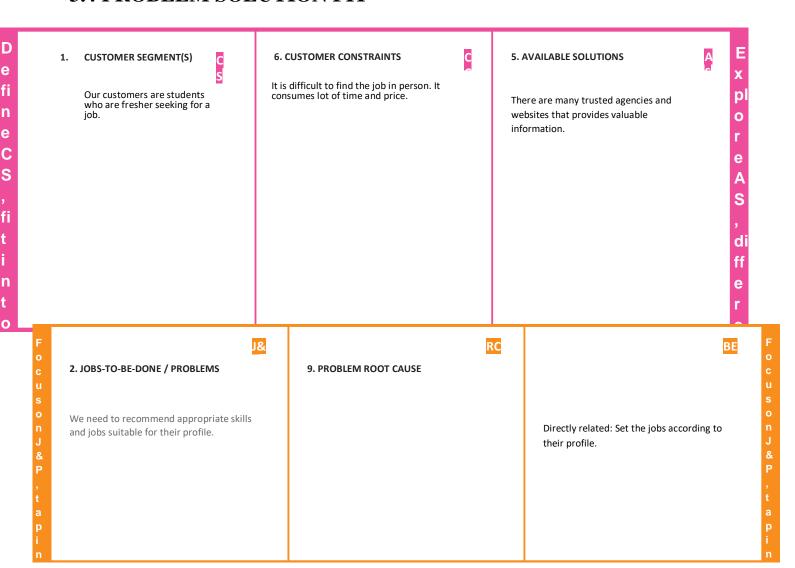


# 3.3 PROPOSED SOLUTION

**Table: 3.3.1 Proposed Solution** 

S. No	Parameter	Description
1.	Problem Statement (Problem to be solved)	To give job and skill recommendations to the fresher at his place without waste of time and money, who is searching for a job.
2.	Idea / Solution description	To recommend a job, we calculate similarity of skill keywords between sample resume and job description. Once job offers and profiles are filtered, the second step is text preprocessing. The third step, feature representation, aims to represent these documents (job offers and profiles) as vector space models
3.	Novelty / Uniqueness	Feature selection technique helps to reduce the irrelevant and redundant data without affecting the accuracy of the prediction model.
4.	Social Impact / Customer Satisfaction	By recommending jobs that suits their profile they feel satisfied and happy.
5.	Business Model (Revenue Model)	Candidates can get job from their own place without going from company to company in search of jobs.
6.	Scalability of the Solution	This gives better solution to the job seeking fresher and also recommend skills that they require.

## 3.4 PROBLEM SOLUTION FIT



3. TRIGGERS	10. YOUR SOLUTION	8. CHANNELS of BEHAVIOUR			
Customers are triggered by hearing information through their  Friends and advertisements.  4. EMOTIONS: BEFORE / AFTER  Frustrated,inferior,depressed,difficult to socialize, dissatisfaction  happy, satisfied.	Build a website for the job seeker which enables them to find a job suitable for them.	8. CHANNELS of BEHAVIOUR  ONLINE:  The jobs and skills are recommended based on their profile and are stored in the DB.	Identif	y song	

# REQUIREMENT ANALYSIS

# **4.1 FUNCTIONAL REQUIREMENT:**

**Table: 4.1.1 Functional Requirement** 

FR	<b>Functional Requirement</b>	Sub Requirement (Story / Sub-Task)
No.	(Epic)	
FR-1	User Registration	Registration through Gmail
FR-2	User Confirmation	Confirmation via Email
		Confirmation via OTP
FR-3	Profile Creation	Add preferences
		Upload profile picture
		Upload resume
FR-4	Jobs Recommendation	Apply for the jobs via links provided
FR-5	Suggestions	Feedbacks
		Ratings
FR-6	Logout	Confirmation via alert message

# **4.2 NON-FUNCTIONAL REQUIREMENTS:**

**Table:4.2.1 Non-Functional Requirements** 

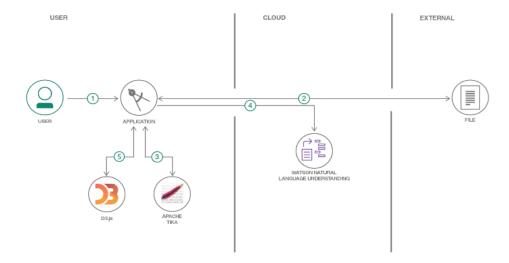
FR	Non-Functional	Description
No.	Requirement	
NFR-1	Usability	In order to make personalized recommendations corresponding to the user preferences, recommendation systems collect ratings of service by user and build user profiles depending on how the data was collected.
NFR- 2	Security	All Personal Identifiable data and files on server will be always encrypted. All documents generated should be password protected, display error message in case of the wrong password with the date it was set and a hint of standard documents – like 'this is the same password as all your other documents'
NFR-3	Reliability	We do not add sensitive data openly to request payload and won't share the data to any third party applications. Any irrelevant ads won't be recommended.
NFR- 4	Performance	Modular UI architecture(responsive and time efficient). Load data fast. Separate content from navigation.
NFR- 5	Availability	Available online. In offline only applied jobs and profile can be viewed. Supports in all platforms.
NFR-	Scalability	It can handle a large increase in users, workload or transactions without undue strain.

## PROJECT DESIGN

#### **5.1 DATAFLOW DIAGRAMS:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information and where data is stored.

# Flow



- 1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
- 2. User selects data file to process and load.
- 3. Apache Tika extracts text from the data file.
- 4. Extracted text is passed to Watson NLU for enrichment.
- 5. Enriched data is visualized in the UI using the D3.js library.

Figure: 5.1.1 Dataflow Diagram

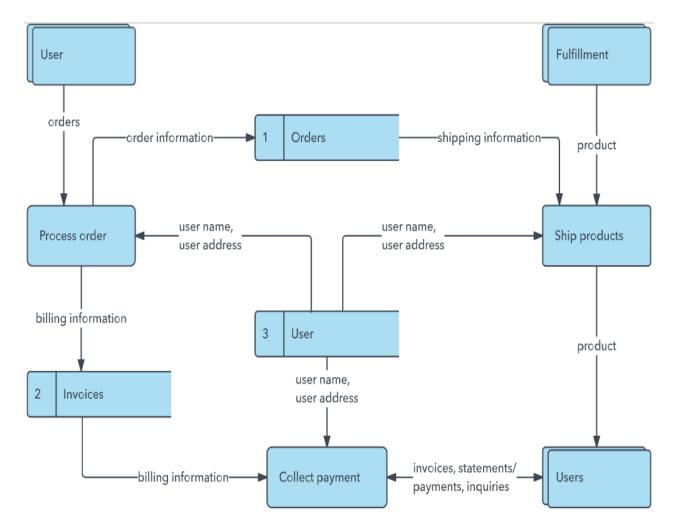
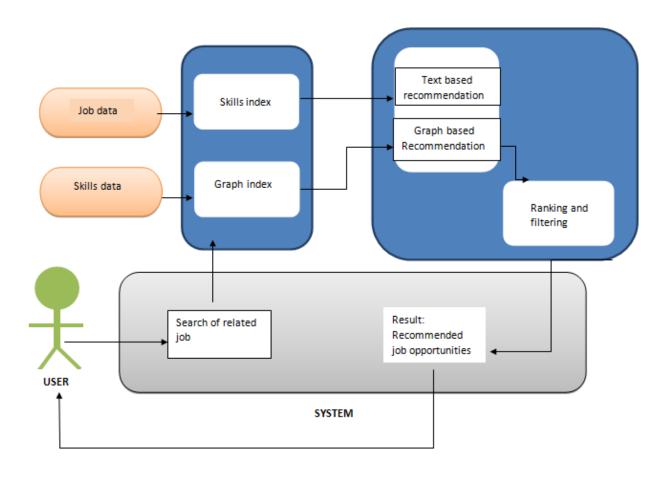


Figure: 5.1.2 Data Flow Diagram (cont)

# **5.2 SOLUTION AND TECHNICAL ARCHITECTURE:**



**Figure: 5.2.1 Solution Architecture** 

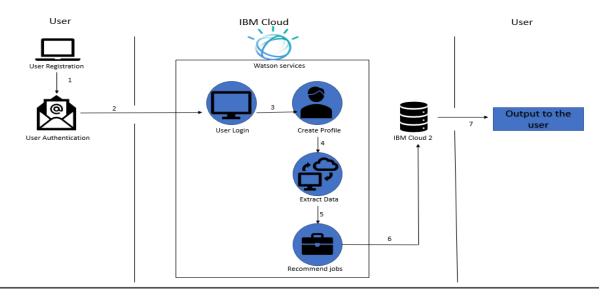


Figure 5.2.2: Technology Stack

**Table: 5.2.1 Components and Technologies** 

S.No	Component	Description	Technology
1.	User Interface	Web Interface	HTML,CSS,Javascript.
2.	Application Logic-1	Prediction model	Python
3.	Application Logic-2	Extract data	IBM Watson Assistant
4.	Database	Data Type-Dialog query	MySQL, NoSQL, etc.
5.	Cloud Database	Database Service on Cloud	IBM DB2
6.	File Storage	For storing user data	IBM Block Storage or Local Filesystem
7.	Infrastructure (Server / Cloud)	Cloud Server Configuration: Deploying the web interface using flask	Python flask.

**Table:5.2.2 Application Characteristics** 

S.No	Characteristics	Description	Technology
1.	Open-Source	IBM Watson	IBM Watson
	Frameworks		
2.	Security	IBM Cloud	ISO,SOC2,US
	Implementations		HIPAA,Encrypted file
			and storage system
3.	Scalable	Web Interface	IBM Watson Assistant
	Architecture	Architecture:Intents,Entities,Dataflow,Scripts	
4.	Availability	Load balancers, distributed Servers	IBM Watson Assistant
5.	Performance	IBm Watson -Automated processs	IBM Watson

# **5.3 USER STORIES:**

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Customer (Web user)	Dashboard	USN-6	As a user, I can enter the queries related to the job recommendation I need	Entering skills and asking queries	High	Sprint-1
Customer Care Executive	Dashboard	USN-7	Customer care executive, clears doubts and adds recommendation	Data input for recommendation system	High	Sprint-1
Administrator	Login	USN-8	Administrator logs in to the system to make changes			
	Dashboard	USN-9	Additional information and managing job queries	Administration of the whole system	High	Sprint-1

## PROJECT PLANNING AND SCHEDULING

# **6.1 SPRINT DELIVERY SCHEDULE**

**Table: 6.1 Sprint Delivery Schedule** 

#### Sprint Delivery planning:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Nivedha
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Priyadharshini
Sprint-2		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Nisha
Sprint-1		USN-4	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm	Medium	Aruna
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	As a user, I can log into the application by I can access my account / H		Nivedha
Sprint-1	Dashboard	USN-6	Create a model set that contains those models, then assign it to a role.	Assign that group to the appropriate roles on the Roles page	High	Priyadharshini
Sprint-1	Identity-Aware	USN-7	Open, public access, User- authenticated access, Employee- restricted access.	Company public website. App running on the company intranet. App with access to customer private information.	High	Nisha
Sprint-1	Communication	USN-8	A customer care executive is a professional responsible for communicating the how's and why's regarding service expectations within a company.	For how to tackle customer queries.	Medium	Aruna
Sprint-1	Device managemen t	USN-9	You can Delete/Disable/Enable devices in Azure Active Directory but you cannot	Ease of use.	Medium	Nivedha,Priya dharshini

#### **Table: 6.2 Sprint Delivery Schedule (Cont)**

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	17 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	17 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	17 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	17 Nov 2022

#### Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

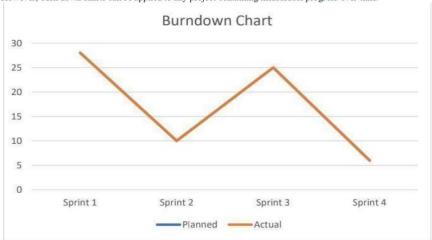


Figure: 6.1 Burndown Chart

#### **CODING AND SOLUTIONING**

## App.py

```
from flask import Flask, render_template, flash, request, session
from flask import render_template, redirect, url_for, request
import json
from json2html import *
import requests
import ibm_db
import pandas
import ibm_db_dbi
from sqlalchemy import create_engine
engine = create_engine('sqlite://',
             echo = False
dsn_hostname = "6667d8e9-9d4d-4ccb-ba32-
21da3bb5aafc.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud"
dsn\_uid = "kms12942"
dsn_pwd = "yiRuIXP2yCdgJvgV"
dsn_driver = "{IBM DB2 ODBC DRIVER}"
dsn_database = "BLUDB"
dsn_port = "30376"
dsn_protocol = "TCPIP"
dsn_security = "SSL"
dsn = (
  "DRIVER={0};"
  "DATABASE={1};"
  "HOSTNAME={2};
"PORT={3};"
  "PROTOCOL={4};"
```

```
"UID={5};"
  "PWD={6};"
  "SECURITY={7};").format(dsn_driver, dsn_database, dsn_hostname, dsn_port, dsn_protocol,
dsn_uid, dsn_pwd,dsn_security)
try:
  conn = ibm_db.connect(dsn, "", "")
  print ("Connected to database: ", dsn_database, "as user: ", dsn_uid, "on host: ", dsn_hostname)
except:
  print ("Unable to connect: ", ibm_db.conn_errormsg() )
app = Flask(\underline{\quad name}\underline{\quad})
app.config['DEBUG']
app.config['SECRET_KEY'] = '7d441f27d441f27567d441f2b6176a'
@app.route("/")
def homepage():
  return render_template('index.html')
@app.route("/Home")
def Home():
  return render_template('index.html')
@app.route("/AdminLogin")
def AdminLogin():
  return render_template('AdminLogin.html')
@app.route("/NewUser")
def NewUser():
  return render_template('NewUser.html')
@app.route("/NewCompany")
def NewCompany():
  return render_template('NewCompany.html')
@app.route("/UserLogin")
def StudentLogin():
```

```
return render template('UserLogin.html')
@app.route("/CompanyLogin")
def CompanyLogin():
  return render_template('CompanyLogin.html')
@app.route("/Search")
def Search():
  return render_template('Search.html')
@app.route("/AdminHome")
def AdminHome():
  conn = ibm_db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
selectQuery = "SELECT * from regtb "
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
  data = engine.execute("SELECT * FROM Employee_Data").fetchall()
  return render_template('AdminHome.html', data=data)
@app.route("/ACompanyInfo")
def ACompanyInfo():
  conn = ibm_db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
selectQuery = "SELECT * from companytb "
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
  data = engine.execute("SELECT * FROM Employee_Data").fetchall()
  return render_template('ACompanyInfo.html', data=data)
@app.route("/AjobInfo")
def AjobInfo():
  conn = ibm_db.connect(dsn, "", "")
```

```
pd conn = ibm db dbi.Connection(conn)
selectQuery = "SELECT * from jobtb "
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
  data = engine.execute("SELECT * FROM Employee_Data").fetchall()
  return render_template('AjobInfo.html', data=data)
@app.route("/SCompanyInfo")
def SCompanyInfo():
  conn = ibm_db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
selectQuery = "SELECT * from jobtb "
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
  data = engine.execute("SELECT * FROM Employee_Data").fetchall()
  return render_template('SCompanyInfo.html', data=data)
@app.route("/CompanyHome")
def CompanyHome():
  return render template('CompanyHome.html')
@app.route("/UserHome")
def UserHome():
uname= session['uname']
  conn = ibm_db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
selectQuery = "SELECT * FROM regtb where Username=""+ uname +"" "
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
  data = engine.execute("SELECT * FROM Employee_Data").fetchall()
```

```
return render template('UserHome.html', data=data)
@app.route("/CJobInfo")
def CJobInfo():
cname= session['cname']
  conn = ibm_db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
selectQuery = "SELECT * FROM jobtb where Cname=""+ cname +"" "
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
  data = engine.execute("SELECT * FROM Employee_Data").fetchall()
  return render_template('CJobInfo.html', data=data)
@app.route("/adminlogin", methods=['GET', 'POST'])
def adminlogin():
  error = None
  if request.method == 'POST':
    if request.form['uname'] == 'admin' or request.form['password'] == 'admin':
      conn = ibm_db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
selectQuery = "SELECT * FROM regtb "
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data', con=engine, if_exists='append')
      data = engine.execute("SELECT * FROM Employee_Data").fetchall()
      return render_template('AdminHome.html', data=data)
    else:
    return render_template('index.html', error=error)
```

```
@app.route("/userlogin", methods=['GET', 'POST'])
def userlogin():
  error = None
  if request.method == 'POST':
    username = request.form['uname']
    password = request.form['password']
    conn = ibm_db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
selectQuery = "SELECT * from regtb where UserName="" + username + "' and password="" +
password + """
dataframe = pandas.read_sql(selectQuery, pd_conn)
    if dataframe.empty:
      data1 = 'Username or Password is wrong'
      return render_template('goback.html', data=data1)
    else:
      print("Login")
selectQuery = "SELECT * from regtb where UserName="" + username + "' and password="" +
password + """
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data',
                 con=engine,
if_exists='append')
      # run a sql query
print(engine.execute("SELECT * FROM Employee_Data").fetchall())
      return render_template('UserHome.html', data=engine.execute("SELECT * FROM
Employee_Data").fetchall())
@app.route("/companylogin", methods=['GET', 'POST'])
def companylogin():
  error = None
  if request.method == 'POST':
uname = request.form['uname']
```

```
password = request.form['password']
    session['cname'] = uname
    conn = ibm_db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
selectQuery = "SELECT * from companytb where UserName="" + uname + "' and password="" +
password + """
dataframe = pandas.read_sql(selectQuery, pd_conn)
    if dataframe.empty:
      data1 = 'Username or Password is wrong'
      return render_template('goback.html', data=data1)
    else:
      print("Login")
selectQuery = "SELECT * from companytb where UserName="" + uname + "' and password="" +
password + """
dataframe = pandas.read_sql(selectQuery, pd_conn)
dataframe.to_sql('Employee_Data',
                con=engine,
if_exists='append')
      # run a sql query
print(engine.execute("SELECT * FROM Employee_Data").fetchall())
      return render_template('CompanyHome.html', data=engine.execute("SELECT * FROM
Employee_Data").fetchall())
@app.route("/NewStudent1", methods=['GET', 'POST'])
def NewStudent1():
  if request.method == 'POST':
     name = request.form['name']
     gender = request.form['gender']
     Age = request.form['Age']
     email = request.form['email']
pnumber = request.form['pnumber']
     address = request.form['address']
```

```
Degree = request.form['Degree']
depat = request.form['depat']
uname = request.form['uname']
passw = request.form['passw']
   conn = ibm db.connect(dsn, "", "")
insertQuery = "insert into regtbvalues("" + name + "',"" + gender + "',"" + Age + "',"" + email + "',"" +
pnumber + "',"" + address + "',"" + Degree + "',"" + depat + "',"" + uname + "',"" + passw + "')"
insert table = ibm db.exec immediate(conn, insertQuery)
sendmsg(email, "Successfully registered this website")
   data1 = 'Record Saved!'
   return render_template('goback.html', data=data1)
@app.route("/newcompany", methods=['GET', 'POST'])
def newcompany():
   if request.method == 'POST':
cname = request.form['cname']
      regno = request.form['regno']
      mobile = request.form['mobile']
      email = request.form['email']
      Website = request.form['Website']
      address = request.form['address']
uname = request.form['uname']
passw = request.form['passw']
      conn = ibm_db.connect(dsn, "", "")
insertQuery = "insert into
companytbvalues("'+cname+"',"'+regno+"',"'+mobile+"',"'+email+"',"'+Website+"',"+address+"',"'+un
ame +"',""+passw+"')"
insert_table = ibm_db.exec_immediate(conn, insertQuery)
      data1 = 'Record Saved!'
      return render_template('goback.html', data=data1)
@app.route("/newjob", methods=['GET', 'POST'])
```

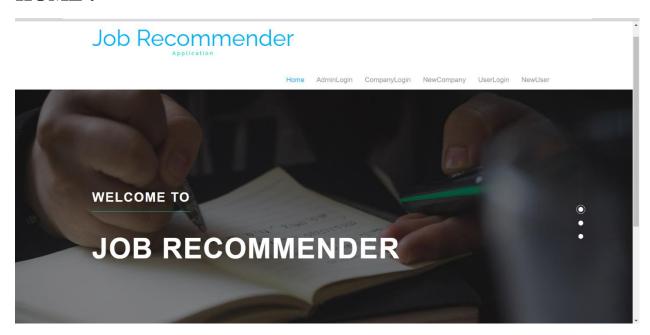
```
def newjob():
   if request.method == 'POST':
cnn = session['cname']
cname = request.form['cname']
cno = request.form['cno']
     Address = request.form['Address']
JobLocation = request.form['JobLocation']
     Vacancy = request.form['Vacancy']
     Job = request.form['Job']
     Department = request.form['depat']
     website = request.form['website']
     conn = ibm_db.connect(dsn, "", "")
insertQuery = "insert into jobtbvalues("' + cname + "',"' + cno + "',"' + Address + "',"' + JobLocation +
"',"" + Vacancy + "',"" + Job + "',"" + Department + "',"" + website + "',""+cnn+"')"
insert_table = ibm_db.exec_immediate(conn, insertQuery)
     conn = ibm db.connect(dsn, "", "")
pd_conn = ibm_db_dbi.Connection(conn)
     selectQuery1 = "SELECT * FROM regtb where Department="" + Department + """
dataframe = pandas.read_sql(selectQuery1, pd_conn)
dataframe.to_sql('regtb', con=engine, if_exists='append')
     data1 = engine.execute("SELECT * FROM regtb").fetchall()
     for item1 in data1:
       Mobile = item1[5]
       Email = item1[4]
sendmsg(Email, "JopTitle"+Job + " More Info Visit Website")
   data = 'Record Saved!'
  return render_template("goback.html", data=data)
@app.route("/jobsearch", methods=['GET', 'POST'])
def jobsearch():
   if request.method == 'POST':
```

```
jobname = request.form['name']
url = "https://linkedin-jobs-search.p.rapidapi.com/"
    payload = {
       "search_terms": jobname,
       "location": "india",
       "page": "1"
    }
    headers = {
       "content-type": "application/json",
       "X-RapidAPI-Key": "b045b9af95msha8d7c3160785729p1674cdjsnbdf4adbf9868",
       "X-RapidAPI-Host": "linkedin-jobs-search.p.rapidapi.com"
     }
    response = requests.request("POST", url, json=payload, headers=headers)
    print(response.text)
infoFromJson = json.loads(response.text)
df = pandas.json_normalize(infoFromJson)
df.to_sql('regtb', con=engine, if_exists='append')
    data1 = engine.execute("SELECT * FROM regtb").fetchall()
    return render_template('Search.html',data=data1)
#send grid
def sendmsg(Mailid,message):
  import smtplib
  from email.mime.multipart import MIMEMultipart
  from email.mime.text import MIMEText
  from email.mime.base import MIMEBase
  from email import encoders
fromaddr = "sampletest685@gmail.com"
toaddr = Mailid
  # instance of MIMEMultipart
```

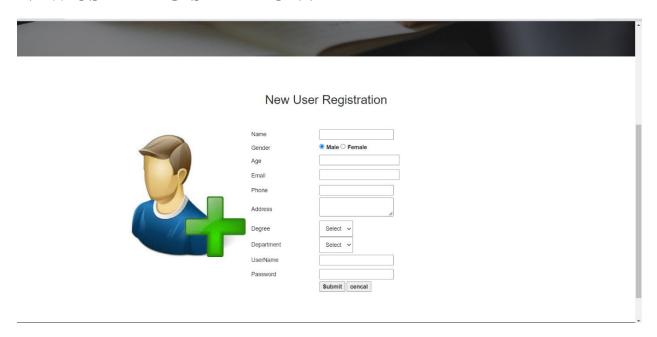
```
msg = MIMEMultipart()
  # storing the senders email address
msg['From'] = fromaddr
  # storing the receivers email address
msg['To'] = toaddr
  # storing the subject
msg['Subject'] = "Alert"
  # string to store the body of the mail
  body = message
  # attach the body with the msg instance
msg.attach(MIMEText(body, 'plain'))
  # creates SMTP session
  s = smtplib.SMTP('smtp.gmail.com', 587)
  # start TLS for security
s.starttls()
  # Authentication
s.login(fromaddr, "hneucvnontsuwgpj")
  # Converts the Multipart msg into a string
  text = msg.as_string()
  # sending the mail
s.sendmail(fromaddr, toaddr, text)
  # terminating the session
if __name__ == '__main___':
app.run(host='0.0.0.0', debug='TRUE')
```

# **SCREENSHOTS:**

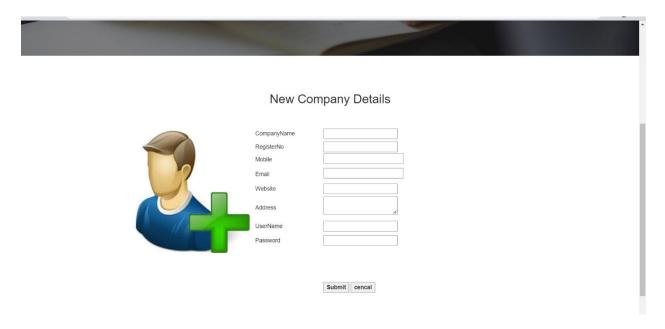
## **HOME:**



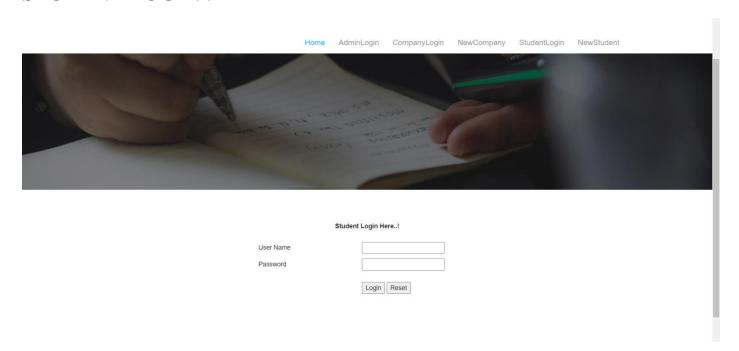
# **NEW USER REGISTRATION:**



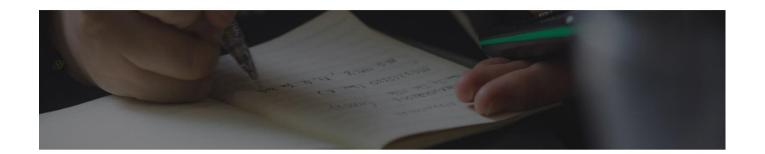
# **NEW COMPANY REGISTRATION:**



# **STUDENT LOGIN:**



# **COMPANY LOGIN:**



	Company Login Here!
User Name	
Password	
	Login Reset

# **ADMIN LOGIN:**





## **TESTING**

### **8.1 USER ACCEPTANCE TESTING:**

This is typically the last step before the product goes live or before the delivery of the product is accepted. This is performed after the product itself is thoroughly tested (i.e <u>after system testing</u>).

# **Defect Analysis**

This report shows the number of resolved or closed bugs at each severity level and howthey were resolved.

**Table:8.1.1 Defect Analysis** 

Resolution	Severit y 1	Severity 2	Severity 3	Severit y 4	Subtot al	
By Design	15	4	2 3		25	
Duplicate	1	1	3	1	6	
External	2	3	0	1	6	
Fixed	11	2	4	20	37	
Not Reproduced	0	0	1	0	1	
Skipped	0	0	1	1	2	
Won't Fix	0	5	2	1	8	
Totals	29	14	13	26	80	

## **Test Case Analysis**

This report shows the number of test cases that have passed, failed, and untested

**Table:8.1.2 Test case Analysis** 

Section	Total Cases	Not Tested	Fa il	Pas s
Print Engine	7	0	1	7
Client Application	52	0	2	50
Security	2	0	2	2

Outsource Shipping	3	0	1	3
Exception Reporting	9	0	1	9
Final Report Output	4	0	1	4
Version Control	2	0	0	2

# **ADMIN MODULE TESTING:**

Username or Password is wrong
Go Back

Figure: 8.1.1 Admin module Testing

# STUDENT MODULE TESTING:

Username or Password is wrong
Go Back

Figure: 8.1.2 Student Module testing

# 8.2 PERFORMANCE TESTING

2		NFT - Risk Assessment								
3 S.No	Project Name	Scope/feature	Functional Changes	Hardware Changes	Software Changes	Impact of Downtime	Load/Voluem Changes	Risk Score		
4 1	Skills and job Reco	Existing	No Changes	No Changes	No Changes	No Downtime imapct seen!	No Changes	GREEN		
5										
6										
7										
9										
10				NFT - Detailed Test Plan						
11			S.No	Project Overview	NFT Test approach	umptions/Dependencies/R	Approvals/SignOff			
12			1	recommends the job based on	Reactive	details	Approved			
13										
14				End Of Test Report						
15 S.NO	Project Overview	NFT Test approach	NFR - Met	Test Outcome	GO/NO-GO decision	Recommendations	Identified Defects (Detected/Closed/Open)	Approvals/SignOff		
16	recommends the job based on the	reactive	Scalability	ruccus	Go	Nil	Clared	Approved		

**Figure: 8.2.1 Performance Testing** 

# 8.3 TESTCASES REPORT

5	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Commnets	TC for Automation(Y/ N)	BUG ID	Executed By
9	Home Page	Verify that categories of skills and jobs are shown in homepage		Open the website     Enter details and press login     Verify that categories of are showing Jobs shown in homepage		Categories of skills and jobs should be shown in homepage	Working as expected	Pass	Exclent	N		Priyadharshini G
10	Home page	Verify that jobs are displayed in homepage		Open the website     Enter details and press login     Verify that jobs are displayed in homepage		jobs should be displayed in homepage	Working as expected	Pass	Good	N		Nivedha P
11	Home page	Verify that when clicked on jobs it is redirected to correct page		Open the website     Enter details and press login     Verify that when clicked on jobs it is redirected to correct page		When clicked on job link it should be redirected to correct page	Working as expected	Pass	Excellent	N		Aruna M
12	ChatBot	Verify that the chatbot is responding correctly		Open the website     Enter details and press login     Verify that categories of are showing Jobs are displayed by the chatbot.		When typed on the chatbot it should respond relevent to the asked question.	Working as expected	Pass	Good	N		Sushmith Nisha K
13	Login page	Verify that admin can view all the details of both user and company		Open the website     Enter details and press login     Verify that all the data are visible to the admin		When logined as admin all the details of company and user should be visible to the admin.	Working as expected	Pass	Good	N		Priyadharshini G

Figure:8.3.1 Test cases Report

#### RESULTS

### 9.1 PERFORMANCE METRICS:

The test cases described in the user acceptance and performance testing are passed and the page is responsive for the users to get the appropriate jobs that suit their skills. Content-based recommender systems (CBRs) in the context of JRS are models to construct a recommendation, only use a semantic similarity measure between the user profile and the set of available vacancies. I.e., the semantic similarity is used as a proxy for estimating the relevance of each vacancy to the job seeker.

All the components such as user login, admin login, company login, login info and home pages function excellently and shows errors when the login credentials don't match the database. The data is stored in the object storage provided by IBM cloud. Chat bot is created using IBM Watson Assistant to make it easier to interact with the application to get information regarding the job vacancies.

Thus the complete Cloud Application Development project for Skill and Job Recommender is created using Python, Flask and Docker is developed and the output is obtained successfully.

## ADVANTAGES AND DISADVANTAGES

### **ADVANTAGES:**

Effectively communicates the job details, qualification and organization requirements. Highlights the company messages and creates awareness about their brands. It sends a positive feedback about the organization's fortunes to the marketplace. It can speed up the recruitment process and streamline administrative activities. Exact job requirement, qualification is informed.

#### **DISADVANTAGES:**

Most of the times, employers discourage their staff members to discussing about their company in social media. Sending too many candidates for the same job and sometime does not meet the employer requirements. Quite a large numbers of inappropriate applications, if care not taken while drafting the key job roles. An incorrect information or technical difficulties can turnoff desired applicants and damage reputation of the companies. Sometimes companies refuse to interview potential candidates because of their activities on social media sites.

## **CONCLUSION**

This system provides user a way to create profile in the platform within the system and get access to know about every other job opportunities posted by various companies on the platform related to his skill set also other skillsets and all other jobs. This job recommender system is designed and deployed in such a way that the user gets acknowledgements through mails using sendgrid. The companies are also to register into the platform and can post various job vacancies and offers in there company. When the job offer is posted the user who has skill set that was expected from the job offer was sent a mail regarding the post from any company. And the user can apply to the job offer recently is using me and sharing his profile with the company and the interaction and recruitment takes place between the company and the user. And a chat bot is provided to interact and guide the user through the system and by solving various queries. The admin has the privilege of monitoring both the activities of company and the user and has the axis two both profile.

These benefits may include improved model performance (temporal perspective), improved distribution of candidates over a set of homogeneous vacancies (reciprocal perspective), or ensuring algorithm fairness (ethical perspective). Currently, most attention goes out to how to represent the substantial amount of textual data from both candidate profiles and vacancies to create job recommendations, for which recently especially deep representations have shown promising results. However, this focus may also create the illusion that this is the only perspective that is relevant.

### **FUTURE SCOPE**

The job recommender system was designed in a manner that it can be able to let the user explore the platform and get benefited by finding jobs posted by many different countries according to his skillset. Though it achieves the problem statement in such a manner it has some future scopes and future improvements to be done. For now the user profile can be created and the user can view the job information and can get mails according to the relevant skill set about various jobs posted by different companies. A chatbot is provided in such a way to interact with the user and guide him throughout the system and a search feature is added to the system for the user to search for skill set or the company throughout the platform. And in the future enhancement, follow option can be added for the user to follow companies and get mails and alerts about any activity are post from that company and also adding filter option and expanding the functionalities of the system.

### **APPENDIX**

### **SOURCE CODE**

#### Data:

```
CREATE TABLE companytb (
 CompanyName varchar(250) NOT NULL,
 Regno varchar(250) NOT NULL,
 Mobile varchar(250) NOT NULL,
 Email varchar(250) NOT NULL,
 Website varchar(250) NOT NULL,
 Address varchar(500) NOT NULL,
 Username varchar(250) NOT NULL,
 Password varchar(250) NOT NULL
 CREATE TABLE jobtb (
 CompanyName varchar(250) NOT NULL,
 ContactNo varchar(250) NOT NULL,
 Address varchar(250) NOT NULL,
 Location varchar(250) NOT NULL,
 Vacancy varchar(250) NOT NULL,
 Job varchar(250) NOT NULL,
 Department varchar(250) NOT NULL,
 website varchar(250) NOT NULL,
 Cname varchar(250) NOT NULL)
```

# **Deployment.yaml**

```
apiVersion: apps/v1
kind: Deployment
metadata:
 name: ibmjob-14173-1659543653-deployment
spec:
 replicas: 1
 selector:
   matchLabels:
    app: ibmjob
 template:
   metadata:
    labels:
  spec:
    containers:
    - name: ibmjob
     image: us.icr.io/ibmjob/ibmjob
     imagePullPolicy: Always
     ports:
     - containerPort: 5000
Docker:
FROM python:3.7
WORKDIR /app
ADD . /app
```

```
RUN pip install -r requirements.txt
EXPOSE 5000
CMD ["python","app.py"]
Job.py:
import requests
import json
import pandas as pd
from json2html import *
url = "https://linkedin-jobs-search.p.rapidapi.com/"
payload = {
                                                                             "search terms":
"python programmer",
                                                                             "location":
"india",
                                                                             "page": "1"
}
headers = {
                                                                             "content-type":
"application/json",
                                                                             "X-RapidAPI-
Key": "b045b9af95msha8d7c3160785729p1674cdjsnbdf4adbf9868",
                                                                             "X-RapidAPI-
Host": "linkedin-jobs-search.p.rapidapi.com"
}
response = requests.request("POST", url, json=payload, headers=headers)
```

```
print(response.text)
infoFromJson = json.loads(response.text)
print(json2html.convert(json = infoFromJson))
#data = json.loads(elevations)
df = pd.json\_normalize(infoFromJson)
print(df)
Service.yaml:
apiVersion: v1
kind: Service
metadata:
 name: ibmjob-14173-1659543653-service
spec:
 type: NodePort
 ports:
 - name: appport
  port: 5000
  targetPort: 5000
  nodePort: 30000
 selector:
  app: ibmjob
```

#### **TEMPLATES:**

```
!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3lavouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons</pre>
<!-- //Custom Theme files -->
<script src="static/js/jquery-2.2.3.min.js"></script>
k
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
link
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
```

```
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
```

```
line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
.navbar-nav li a.active{
   color:#00b3fe !important;
.navbar-nav li:hover a:before{
   bottom: 0%;
.navbar-nav li.active a, .navbar-nav li.active1 a.dropdown-toggle,.navbar-nav li
a:hover {
    color:#00b3fe !important;
   -webkit-transform: scale(1.2);
   -moz-transform: scale(1.2);
   -ms-transform: scale(1.2);
   -o-transform: scale(1.2);
   transform: scale(1.2);
.navbar-default .navbar-nav > .open > a, .navbar-default .navbar-nav > .open >
a:hover, .navbar-default .navbar-nav > .open > a:focus {
    background: none;
div#bs-example-navbar-collapse-1 {
    padding: 0;
   margin: 0;
```

#### **ADMINHOME, HTML:**

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons -</pre>
```

```
<script src="static/js/jquery-2.2.3.min.js"></script>
<!-- //js -->
<!-- web-fonts -->
link
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
k
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
```

```
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
    line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
.navbar-nav li a.active{
   color:#00b3fe !important;
.navbar-nav li:hover a:before{
   bottom: 0%;
.navbar-nav li.active a, .navbar-nav li.active1 a.dropdown-toggle,.navbar-nav li
a:hover {
    color:#00b3fe !important;
   -webkit-transform: scale(1.2);
   -moz-transform: scale(1.2);
   -ms-transform: scale(1.2);
   -o-transform: scale(1.2);
   transform: scale(1.2);
.navbar-default .navbar-nav > .open > a, .navbar-default .navbar-nav > .open >
a:hover, .navbar-default .navbar-nav > .open > a:focus {
    background: none;
```

```
div#bs-example-navbar-collapse-1 {
    padding: 0;
    margin: 0;
}
nav.navbar.navbar-default {
    background: none;
    border: none;
    margin-bottom: 0;
}
```

## Adminlogin.html:

```
<!DOCTYPE html>
<html lang="en">
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<!-- Custom Theme files -->
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons</pre>
<script src="static/js/jquery-2.2.3.min.js"></script>
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
 margin:0;
```

```
font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
   color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
```

```
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
    line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
.navbar-nav li a.active{
   color:#00b3fe !important;
.navbar-nav li:hover a:before{
   bottom: 0%;
.navbar-nav li.active a, .navbar-nav li.active1 a.dropdown-toggle,.navbar-nav li
a:hover {
    color:#00b3fe !important;
   -webkit-transform: scale(1.2);
   -moz-transform: scale(1.2);
   -ms-transform: scale(1.2);
   -o-transform: scale(1.2);
   transform: scale(1.2);
.navbar-default .navbar-nav > .open > a, .navbar-default .navbar-nav > .open >
a:hover, .navbar-default .navbar-nav > .open > a:focus {
    background: none;
```

#### A.JobInfo.html

```
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons</pre>
<script src="static/js/jquery-2.2.3.min.js"></script>
link
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
 *-- header --*/
.header {
```

```
border-top: 3px solid #01edc9;
.navbar-header h1 {
   font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
   font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
    line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
.navbar-nav li a.active{
   color:#00b3fe !important;
.navbar-nav li:hover a:before{
   bottom: 0%;
.navbar-nav li.active a, .navbar-nav li.active1 a.dropdown-toggle,.navbar-nav li
a:hover {
    color:#00b3fe !important;
   -webkit-transform: scale(1.2);
   -moz-transform: scale(1.2);
   -ms-transform: scale(1.2);
```

```
-o-transform: scale(1.2);
   transform: scale(1.2);
.navbar-default .navbar-nav > .open > a, .navbar-default .navbar-nav > .open >
a:hover, .navbar-default .navbar-nav > .open > a:focus {
    background: none;
div#bs-example-navbar-collapse-1 {
    padding: 0;
   margin: 0;
nav.navbar.navbar-default {
   background: none;
    border: none;
   margin-bottom: 0;
.header-right {
    float: right;
   width: 75%;
.top-nav-text {
    margin: 1.5em 0 0;
    padding-bottom: 1.5em;
    position: relative;
    border-bottom: 1px solid #eee;
.top-nav-text p {
    font-size:1.1em;
/*-- //top-nav --*/
/*-- start search --*/
.sb-search {
    position: absolute;
    right: 0;
    top: -5px;
    width: 32px;
    margin: 0;
    height: 32px;
    overflow: hidden;
```

## CJobInfo.html:

```
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<!-- Custom Theme files -->
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons</pre>
<!-- //Custom Theme files -->
<script src="static/js/jquery-2.2.3.min.js"></script>
k
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
klink
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul, label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
  text-decoration:none;
```

```
outline:none;
}
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
    line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
.navbar-nav li a.active{
   color:#00b3fe !important;
.navbar-nav li:hover a:before{
   bottom: 0%;
.navbar-nav li.active a, .navbar-nav li.active1 a.dropdown-toggle,.navbar-nav li
a:hover {
```

```
color:#00b3fe !important;
   -webkit-transform: scale(1.2);
   -moz-transform: scale(1.2);
   -ms-transform: scale(1.2);
   -o-transform: scale(1.2);
   transform: scale(1.2);
.navbar-default .navbar-nav > .open > a, .navbar-default .navbar-nav > .open >
a:hover, .navbar-default .navbar-nav > .open > a:focus {
    background: none;
div#bs-example-navbar-collapse-1 {
    padding: 0;
   margin: 0;
nav.navbar.navbar-default {
    background: none;
    border: none;
   margin-bottom: 0;
.header-right {
   float: right;
   width: 75%;
.top-nav-text {
    margin: 1.5em 0 0;
    padding-bottom: 1.5em;
    position: relative;
    border-bottom: 1px solid #eee;
.top-nav-text p {
    font-size:1.1em;
```

## **CompanyHome.html:**

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){    window.scrollTo(0,1); }
</script>
<!-- Custom Theme files -->
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
```

```
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons -</pre>
<!-- //Custom Theme files -->
<script src="static/js/jquery-2.2.3.min.js"></script>
k
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
link
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
  margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
```

```
font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
    line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
.navbar-nav li a.active{
   color:#00b3fe !important;
.navbar-nav li:hover a:before{
  bottom: 0%;
.navbar-nav li.active a, .navbar-nav li.active1 a.dropdown-toggle,.navbar-nav li
a:hover {
   color:#00b3fe !important;
   -webkit-transform: scale(1.2);
   -moz-transform: scale(1.2);
   -ms-transform: scale(1.2);
   -o-transform: scale(1.2);
   transform: scale(1.2);
```

```
.navbar-default .navbar-nav > .open > a, .navbar-default .navbar-nav > .open >
a:hover, .navbar-default .navbar-nav > .open > a:focus {
    background: none;
div#bs-example-navbar-collapse-1 {
    padding: 0;
   margin: 0;
nav.navbar.navbar-default {
    background: none;
    border: none;
   margin-bottom: 0;
.header-right {
    float: right;
   width: 75%;
.top-nav-text {
    margin: 1.5em 0 0;
    padding-bottom: 1.5em;
    position: relative;
    border-bottom: 1px solid #eee;
.top-nav-text p {
    font-size:1.1em;
```

## **CompanyLogin.html:**

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<!-- Custom Theme files -->
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons -</pre>
<!-- //Custom Theme files -->
<script src="static/js/jquery-2.2.3.min.js"></script>
```

```
k
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
link
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
```

```
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
    line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
```

### Goback.html:

```
<!DOCTYPE html>
<html>
<body>

{{data}}
<button onclick="goBack()">Go Back</button>

<script>
function goBack() {
   window.history.back();
}
</script>
</body>
</html>
```

#### **Index.html**:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3lavouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons</pre>
<script src="static/js/jquery-2.2.3.min.js"></script>
k
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
link
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
```

```
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
```

## **NewComapny.html:**

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons</pre>
<script src="static/js/jquery-2.2.3.min.js"></script>
k
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
link
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
```

```
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
```

```
line-height: inherit;
  padding: 1.2em 1.5em;
  color: #999 !important;
  font-weight: 400;
}
.navbar-nav li a.active{
  color:#00b3fe !important;
}
```

### **Newuser.html:**

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<!-- Custom Theme files -->
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons</pre>
<!-- //Custom Theme files -->
<script src="static/js/jquery-2.2.3.min.js"></script>
k
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
k
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
```

```
background: #fff;
}
body a{
  transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul, label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
}
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
```

```
.navbar-brand:focus{
    color:#fff;
}
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
    background:none !important;
}
```

## Sample.html:

# **SCompanyinfo.html**:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons -</pre>
<script src="static/js/jquery-2.2.3.min.js"></script>
link
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
```

```
k
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul, label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
```

```
display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
```

### Search.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons -</pre>
<!-- //Custom Theme files -->
<script src="static/js/jquery-2.2.3.min.js"></script>
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
k
```

```
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
  transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
  text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul, label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
   display: inline-block;
```

```
background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
```

#### UserHome.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<!-- Custom Theme files -->
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons -</pre>
<script src="static/js/jquery-2.2.3.min.js"></script>
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
klink
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
```

```
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
```

```
margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
    line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
.navbar-nav li a.active{
   color:#00b3fe !important;
.navbar-nav li:hover a:before{
   bottom: 0%;
.navbar-nav li.active a, .navbar-nav li.active1 a.dropdown-toggle,.navbar-nav li
a:hover {
    color:#00b3fe !important;
   -webkit-transform: scale(1.2);
   -moz-transform: scale(1.2);
   -ms-transform: scale(1.2);
   -o-transform: scale(1.2);
   transform: scale(1.2);
.navbar-default .navbar-nav > .open > a, .navbar-default .navbar-nav > .open >
a:hover, .navbar-default .navbar-nav > .open > a:focus {
    background: none;
```

# **UserLogin.html:**

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```
<title>Edify an Education Category Bootstrap Responsive Template | Home ::
w3layouts</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Edify Responsive web template, Bootstrap Web</pre>
Templates, Flat Web Templates, Android Compatible web template,
   SmartPhone Compatible web template, free WebDesigns for Nokia, Samsung, LG, Sony
Ericsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<!-- Custom Theme files -->
<link href="static/css/bootstrap.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/style.css" type="text/css" rel="stylesheet" media="all">
<link href="static/css/font-awesome.css" rel="stylesheet"> <!-- font-awesome icons -</pre>
<!-- //Custom Theme files -->
<script src="static/js/jquery-2.2.3.min.js"></script>
klink
href="//fonts.googleapis.com/css?family=Roboto+Condensed:300,300i,400,400i,700,700i"
rel="stylesheet">
link
href="//fonts.googleapis.com/css?family=Raleway:100,100i,200,200i,300,300i,400,400i,5
00,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
   <style>
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
body{
   margin:0;
   font-family: 'Roboto Condensed', sans-serif;
   background: #fff;
body a{
   transition: 0.5s all;
   -webkit-transition: 0.5s all;
   -moz-transition: 0.5s all;
   -o-transition: 0.5s all;
   -ms-transition: 0.5s all;
   text-decoration:none;
h1,h2,h3,h4,h5,h6{
   margin:0;
   font-family: 'Raleway', sans-serif;
p{
   margin:0;
```

```
ul,label{
   margin:0;
   padding:0;
body a:hover,body a:focus{
   text-decoration:none;
   outline:none;
/*-- header --*/
.header {
    border-top: 3px solid #01edc9;
.navbar-header h1 {
    font-size: 4em;
    font-family: 'Raleway', sans-serif;
    text-align: center;
.navbar-header h1 img {
    margin-right: 0.3em;
.navbar-header h1 a {
    color: #00b3fe;
    text-decoration: none;
    display: inline-block;
    background: #fff;
    margin: .4em 0em;
    font-weight: 400;
    text-transform: capitalize;
.navbar-header h1 a span {
    font-size: .23em;
    display: block;
    letter-spacing: 3px;
    text-transform: capitalize;
    font-weight: 600;
    color: #01edc9;
.navbar-default .navbar-brand,.navbar-default .navbar-brand:hover, .navbar-default
.navbar-brand:focus{
   color:#fff;
.navbar-default .navbar-nav > .active > a, .navbar-default .navbar-nav > .active >
a:hover, .navbar-default .navbar-nav > .active > a:focus {
   background:none !important;
/*-- top-nav --*/
.navbar-nav li a {
    font-size: 1.2em;
    line-height: inherit;
    padding: 1.2em 1.5em;
    color: #999 !important;
    font-weight: 400;
.navbar-nav li a.active{
```

```
color:#00b3fe !important;
.navbar-nav li:hover a:before{
   bottom: 0%;
.navbar-nav li.active a, .navbar-nav li.active1 a.dropdown-toggle,.navbar-nav li
a:hover {
   color:#00b3fe !important;
   -webkit-transform: scale(1.2);
   -moz-transform: scale(1.2);
   -ms-transform: scale(1.2);
   -o-transform: scale(1.2);
   transform: scale(1.2);
.navbar-default .navbar-nav > .open > a, .navbar-default .navbar-nav > .open >
a:hover, .navbar-default .navbar-nav > .open > a:focus {
    background: none;
div#bs-example-navbar-collapse-1 {
    padding: 0;
   margin: 0;
nav.navbar.navbar-default {
    background: none;
    border: none;
   margin-bottom: 0;
.header-right {
    float: right;
   width: 75%;
.top-nav-text {
   margin: 1.5em 0 0;
    padding-bottom: 1.5em;
    position: relative;
    border-bottom: 1px solid #eee;
.top-nav-text p {
    font-size:1.1em;
 *-- //top-nav --*/
/*-- start search --*/
.sb-search {
    position: absolute;
    right: 0;
    top: -5px;
    width: 32px;
    margin: 0;
    height: 32px;
    overflow: hidden;
    -webkit-transition: width 0.3s;
    -moz-transition: width 0.3s;
    transition: width 0.3s;
    -webkit-backface-visibility: hidden;
```

```
.sb-search-input {
   position: absolute;
   top: 0px;
   left: -77px;
   border: none;
    outline: none;
   background:#01edc9;
   width: 100%;
   height: 31px;
   margin: 0;
   z-index: 10;
   font-size: 1em;
   color: #fff;
   padding: 0 2em 0 3.5em;
    -webkit-appearance: none;
.sb-search-submit {
   filter: alpha(opacity=0);
   color: transparent;
   border: none;
   outline: none;
   z-index: -1;
   -webkit-appearance: none;
  width: 40px;
  background:none;
.sb-search-input::-webkit-input-placeholder {
  color:#fff !important;
.sb-search-input:-moz-placeholder {
  color: #fff !important;
.sb-search-input::-moz-placeholder {
  color:#fff !important;
.sb-search-input:-ms-input-placeholder {
  color:#fff !important;
.sb-icon-search {
  z-index: 99;
.sb-icon-search,.sb-search-submit,.sb-search.sb-search-open .sb-search-submit {
   position: absolute;
   cursor: pointer;
   font-size: 1.5em;
  padding: 0 0.2em;
.sb-search.sb-search-open .sb-search-submit:before{
  content: "\e003";
   font-family: 'Glyphicons Halflings';
.sb-icon-search:before,.sb-search.sb-search-open .sb-icon-search,.no-js .sb-search
.sb-icon-search:before{
    content: "\e003";
    font-family: 'Glyphicons Halflings';
```

```
.sb-search.sb-search-open .sb-search-input {
    left: 0;
/*-- agileits --*/
/* Open state */
.sb-search.sb-search-open,.no-js .sb-search {
   width:100%;
.sb-search.sb-search-open .sb-icon-search, .no-js .sb-search .sb-icon-search {
    color: #170000;
    position: absolute;
    cursor: pointer;
    padding: 0 0.5em;
    top: 0;
    font-size: 1.6em;
.sb-search.sb-search-open .sb-search-submit,.no-js .sb-search .sb-search-submit {
   z-index: 90;
/*-- //search-ends --*/
/*-- //header --*/
.banner-1 {
    background:url(static/images/banner.jpg)no-repeat center center;
   -webkit-background-size: cover;
   -moz-background-size: cover;
   background-size: cover;
   min-height:300px;
/*-- banner --*/
.banner {
    background:url(static/images/banner.jpg)no-repeat center center;
   -webkit-background-size: cover;
   -moz-background-size: cover;
   background-size: cover;
   position: relative;
.banner-text {
    padding:17em 0;
    text-align:left;
.banner-text h6 {
    font-size: 2.3em;
    color: #fff;
    margin-bottom: 1em;
    padding: 0 0em 0.5em 0;
    font-weight: 600;
    letter-spacing: 2px;
    border-bottom: 1px solid #01edc9;
    display: inline-block;
```

## **GITHUB LINK:**

https://github.com/IBM-EPBL/IBM-Project-8484-1658920841.git

## **DEMO LINK:**

https://drive.google.com/file/d/1gFaM\_s3z5p7D9OEOsQNfAUEnVhkbXlL\_/view?usp=share\_link