

PROJECT DEVELOPMENT PHASE

Implementing Web Application

SPRINT-1

Date	29 October 2022
Team ID	PNT2022TMID08555
Project Name	Skill / Job Recommender Application

Importing the required libraries and initializing the flask application

```
import ibm_db
from flask import Flask, flash, redirect, render_template, request, url_for
from flask_mail import Mail, Message
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

from sendmail import *
import pandas as pd

app = Flask(__name__)
```

Creating and configuring the Database connection

```
SENDGRID_API_KEY = "SG.eyJmPmFwTg50cWchZm9udGQ. j70yC8rdimx1h8AaBj6rbymsaPTWw-11xGT8B8M1uJrc"
app.config['SECRET_KEY'] = 'top-secret!'
app.config['MAIL_SERVER'] = 'smtp.sendgrid.net'
app.config['MAIL_PORT'] = 587
app.config['MAIL_USE_TLS'] = True
app.config['MAIL_USERNAME'] = 'apikey'
* app.config['MAIL_PASSWORD'] = os.environ.get('SENDGRID_API_KEY')
* app.config['MAIL_DEFAULT_SENDER'] = os.environ.get('VAMATHIAS3@gmail.com')
mail = Mail(app)


conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=bauetb68-b4fa-45ec-a1fc-1c999edbe1d7.c3n41radlmgmrk39u0sg.databases.appdomain.cloud;PORT=31249;
SECURITY=SSL;SSLServerCertificate=GigicertGlobalRootCA.crt;UID=pfdb37B2;PWD=dnhbrcfkZlhh4Q",'', '') * type: ignore
print(conn)
print("connection successful...")
```

Main function

```
@app.route('/logout')
def logout():
    session.pop('email', None) # type:ignore
    return redirect(url_for('login'))


if __name__ == '__main__':
    app.run(debug=True)
```

Initial Login page



Log in

Sign up



Login


Email


Password

Log in

[Forgot your password?](#)

Signup page





[Contact Us](#) [Log in](#)

[Sign up](#)

Sign up

[Create account](#)

Already have an account? [Log in](#) →