

PROJECT DEVELOPMENT PHASE

Implementing Web Application

SPRINT-1

Date	03 November 2022
Team ID	PNT2022TMID29623
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...rCpPnWtGShocb2Mdoq,}70yCrdimsJhAedJ6byowwPjhw-11xGT8Hlujrc"
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('vasanthi2@gmail.com')
mail = Mail(app)


conn = the db.connect("DATABASE=blndb;HOSTNAME=bae6b68-4fa4-46ec-a1fc-1c099dd61e17.c1n4icad0apmr39u08g.databases.appdomain.cloud;PORT=32749;
SECURITY=SSL;SSLServerCertificate=DigiCertSHA1RootCA.crt;UID=pf83792;PWD=dnh1arccfAZ1HhA0";") # 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

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Signup page





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