Slide 2

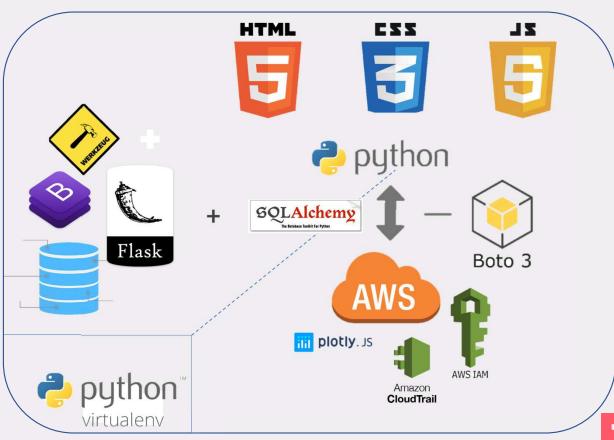
Slide 1



Aliyev Omar Haider Zaheer Michael Hernandez Nephthro Pierre

http://hawkincloud.github.io/dev/

Code Infrastructure



pip install virtualenv

pip freeze > requirements.txt

pip install -r requirements.txt

```
Dependencies & pip list
   OS Environment
```

Lib/

- Scripts/

— activate — activate.bat

jp.py pyvenv.cfg

└─ Site-packages/

```
Babel==2.11.0
boto3==1.26.79
 botocore==1.29.79
click==8.1.3
colorama==0.4.6
contourpy==1.0.7
cycler==0.11.0
dnspython==2.3.0
dominate==2.7.0
email-validator==1.3.1
Flask==2.2.3
Flask-Bootstrap==3.3.7.1
Flask-Charts==1.7
Flask-Login==0.6.2
Flask-Moment==1.0.5
Flask-SQLAlchemy==3.0.3
fonttools==4.38.0
greenlet==2.0.2
itsdangerous==2.1.2
Jinja2==3.1.2
jmespath==1.0.1
jsonify==0.5
MarkupSafe==2.1.2
matplotlib==3.7.0
 numpy==1.24.2
packaging==23.0
Pillow==9.4.0
pip-check==2.8.1
prettytable==3.5.0
pyparsing==3.0.9
python-dateutil==2.8.2
pytz==2022.7.1
s3transfer==0.6.0
six==1.16.0
SQLAlchemy==2.0.4
terminaltables==3.1.10
typing_extensions==4.5.6
urllib3==1.26.13
visitor==0.1.3
 wcwidth==0.2.5
 Verkzeug==2.2.3
 outube-dl==2021.12.17
```

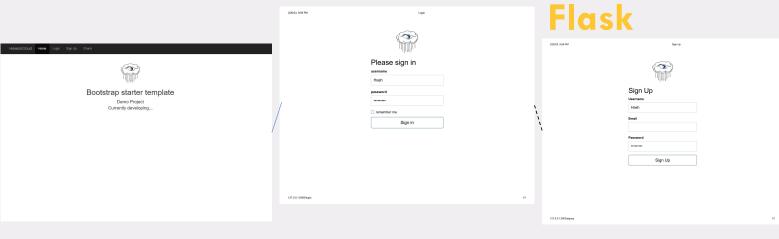
```
rom flask import Flask, jsonify, render_template, redirect, url_for
rom flask bootstrap import Bootstrap
mport os
rom flask_wtf import FlaskForm
rom wtforms import StringField, PasswordField, BooleanField
rom wtforms.validators import InputRequired, Length, Email
      email validator
rom flask sqlalchemy import SQLAlchemy
om werkzeug.security import generate password hash, check password hash
   flask_login import LoginManager, UserMixin, login_user, login_required, logout_user, current_user
 ort boto3
                                                            HawkinCloud/
                                                                 Source/
                                                                   __pycahce
   O B GLOBAL PACKAGES OF D
                                                                  instance
                                                                  - static/
                                                                     - pics
                                                                     — dashboard.css

    signin.css

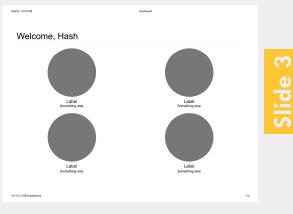
                                                                    └─ starter-template.css
                                                                    — charts.html
                                                                    dashboard.html
                                                                    — index.html
                                                                    ─ login.html
                                                                     — sg_graph.html
                                                                   └─ signup.html
                                                                 — app.py
                                                                 Include
```

5

UI Interface & Database



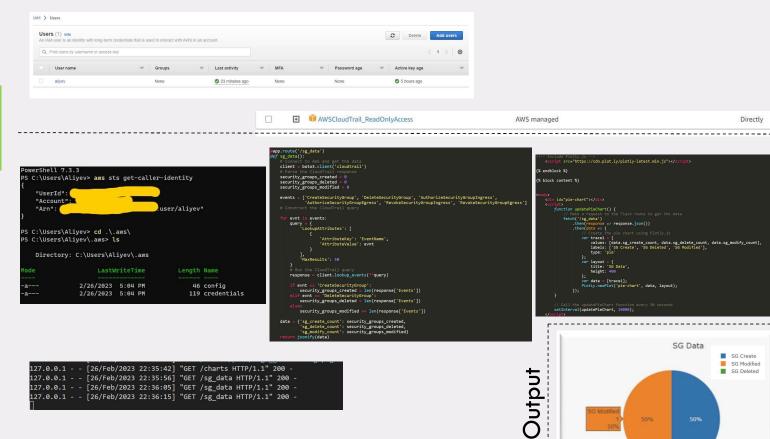
sqlite> select * from user;
1|Hash|hash@hash.com|sha256\$snBYTOqRzjL371VY\$ef940b4795c54e0447c90b9a6122ca8f19780453247f09cfc43541fe745e8a7c
sqlite> []



lide 1

Slide 4

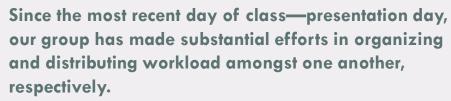
AWS CLI, IAM Configure & Boto3 Visualize Data



Management

Brief Status Overview

HawkinCloud Status



With just over 1 month into the initiation of the AWS project, HawkinCloud, we have focused on workload distribution in the form of deliverables assigned to one another, respectively.

As we progress, we are meeting more than once a week, either virtually or in person. Our means of communication have been predominantly on Discord server and over Zoom

Slide

Slide 4

Where We Are & Where We're Going

(As of the end of February 2023)

1

Front End (IP)

Focusing on Functionality of Interface, Graphics, Flask Implementation. -2

AWS (IP)

This project relies heavily on the usage of AWS. We want to ensure that we understand it's systems properly. Particularly CloudTrail.

3

Back End

Working with Python, we will implement the AWS data to be viewed at the front end.

Slide le 5

Slide

Slide 4

Slide 3

Slide

lide 5

Slide 4

Slide 3

Slide

We decided as a group to put our main focus into learning and adapting with AWS from Amazon. With our basic structure and understanding with our initial project goal, we will continue to further develop our front-end and back-end and clear up any hurdles we face along the way to create a functional site and code that can be fixed towards each deadline.

Slide 4

Slide 3

lide 2

Thanks for Listening with great patience

