

LAB MID EXAM REPORT

Submitted To:

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Submitted By:

Group # 1

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Session 2018-2022



Department of Computer
Science

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SENDING EMAILS WITH PYTHON

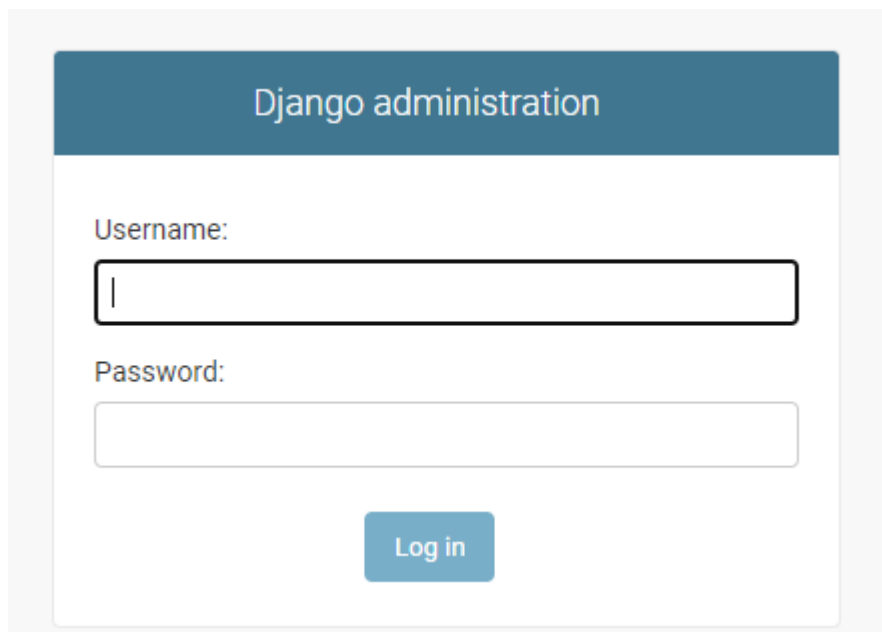
Introduction:

In the Mid Lab Exam, we made a **Python Django app** to automate the process of sending emails with some customized features based on business requirements. For This purpose, we used the email sending services of **SendGrid** and integrated it with our Python Django app.

Working:

We developed Python Django app for automating the process of sending emails but for mail services we used the services from another platform SendGrid. We integrated SendGrid's services using API.

First of all, an Admin logs in to the Admin Panel



After Successful Login, it shows Subscriber's list which contains email address of all subscribers and Newsletter's list which contains all the email which have to be sent.

CORE		
Newsletters	+ Add	✎ Change
Subscribers	+ Add	✎ Change

Select subscriber to change

Action: 0 of 1 selected

- | | |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | SUBSCRIBER |
| <input type="checkbox"/> | 183227@stuents.au.eu.pk (confirmed) |

1 subscriber

We can add new emails to the list and delete emails from the list.

Add subscriber

Email:

Conf num:

☐ Confirmed

In newsletter portion new can send emails to the email addresses, delete newsletters and add new newsletters.

Select newsletter to change

Action: 1 of 1 selected

- | | |
|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | NEWSLETTER |
| <input checked="" type="checkbox"/> | First Email May 17, 2021 |

1 newsletter

Add newsletter

Subject:

Contents:

Choose file

No file chosen

In activity Tab it shows the recent activity performed in the application.

Recent actions

My actions

+ First Email May 17, 2021
Newsletter

✖ test file May 17, 2021
Newsletter

✎ test file May 17, 2021
Newsletter

+ Test Email May 17, 2021
Newsletter

+ 183227@stuent.s.au.eu.pk (not confirmed)
Subscriber