

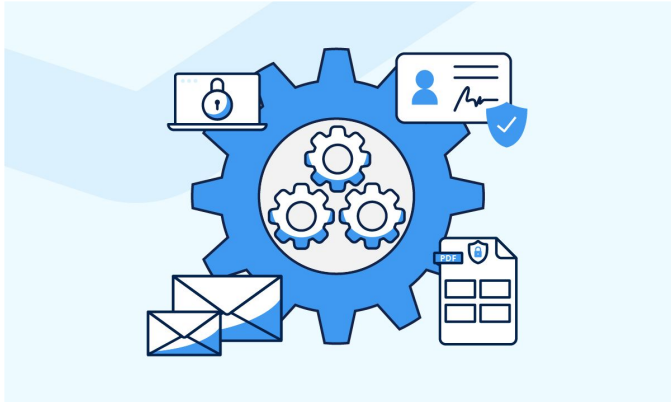
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Automation Mailing System Using Templates For Bulk Mailing



The project is about Sending Bulk Mail for Common Task CDAC faces. And Adding Automation at some level using predefined datasets.

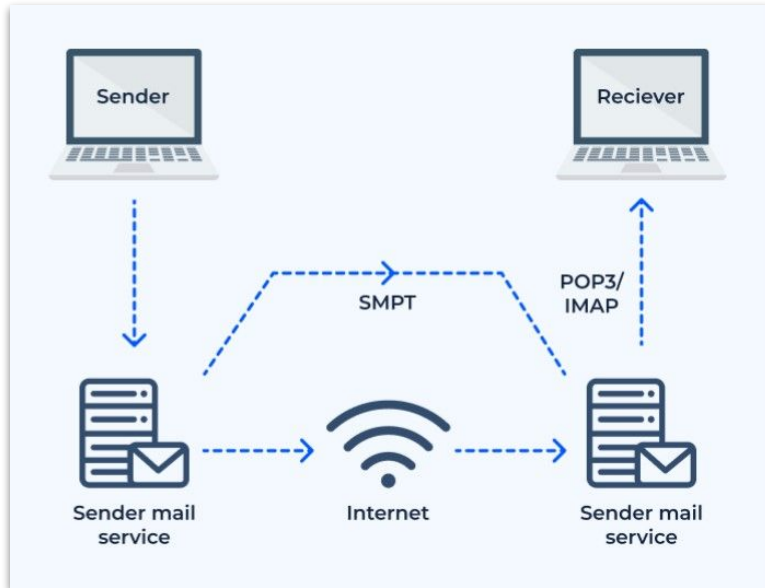
Some use cases for this project are:

- 1.Distributing Certificates to the students.
- 2.Mail for Feedback Submission.
- 3.Notifying about hostel related Info.

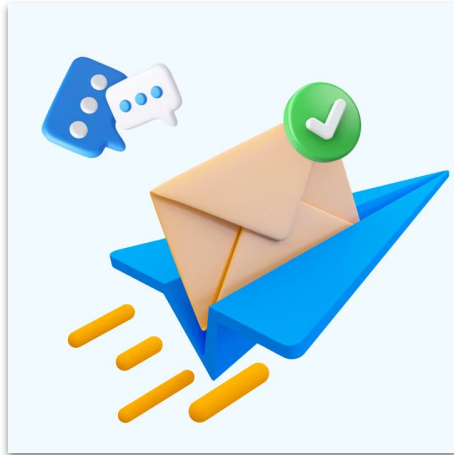
It is Simple that one person send some info and other receives it. But there need to be some protocol for security and privacy.

Simple Mail Transfer Protocol(SMTP)

Same Email service provider helps to send Email using SMTP. Service providers that do all the behind-the-scenes work to get your emails correctly formatted, sent, and delivered to the recipient's mail server.



Functionality which will define the importance of project and automation.



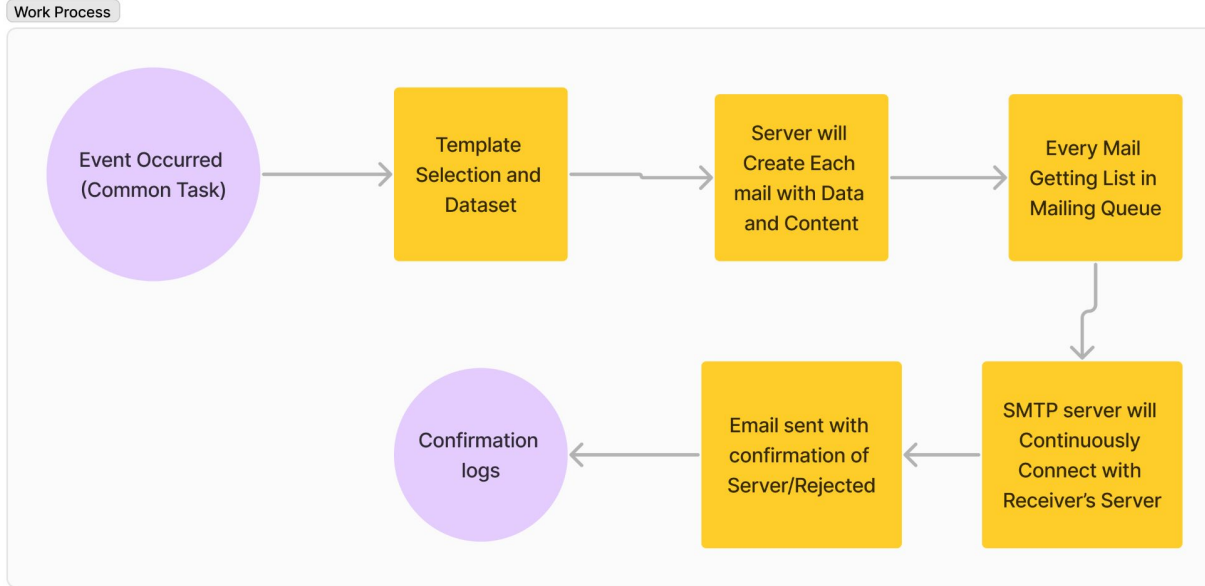
Predefined Template

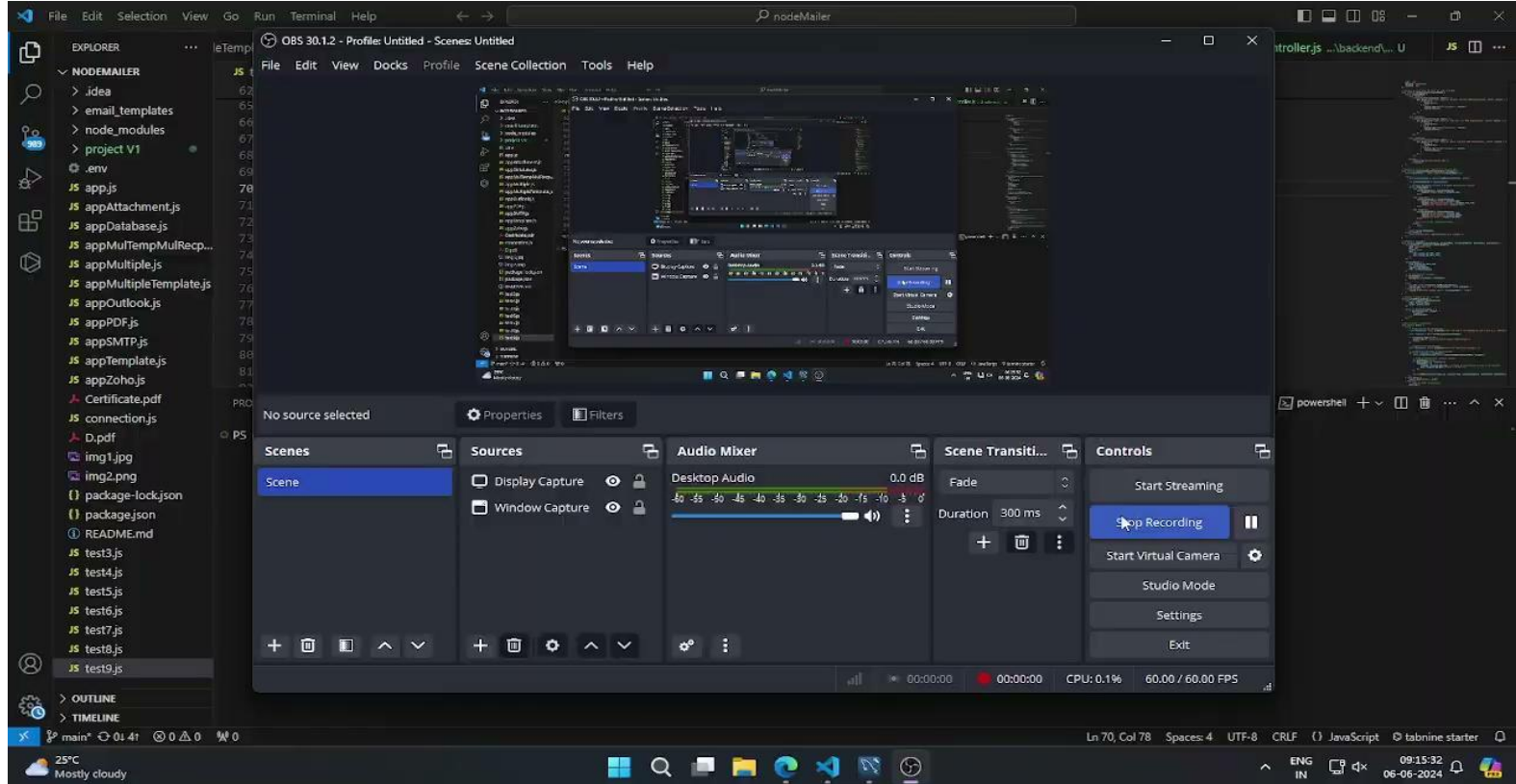
**In Common Task, why do fassal?
Select the Template and Dataset, all set.**

Assured Sending

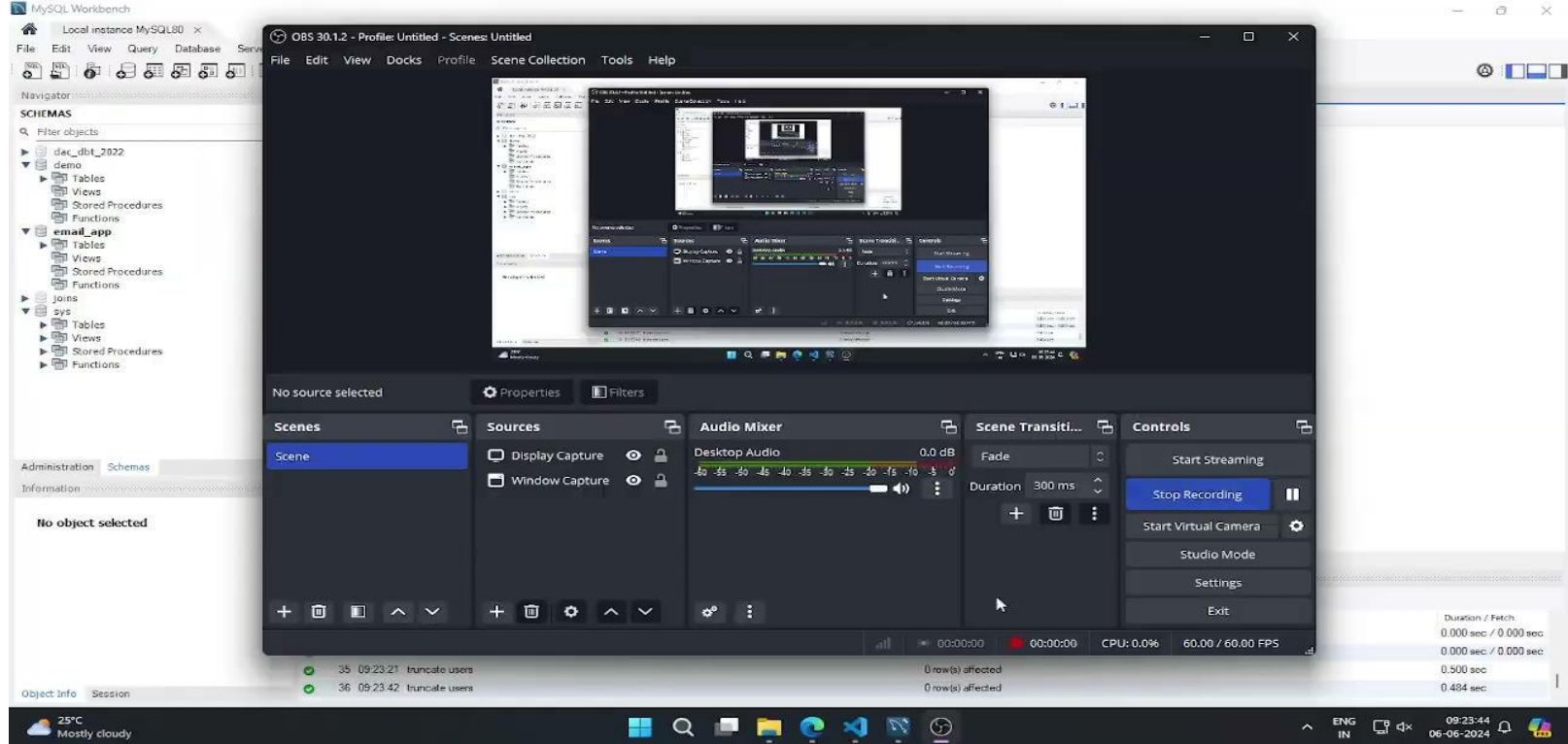
Implementing Mailing Queue Which will make sure the every mail has sent to it receiver.

Simplified Way of Understanding the project.





Demo Video of Project

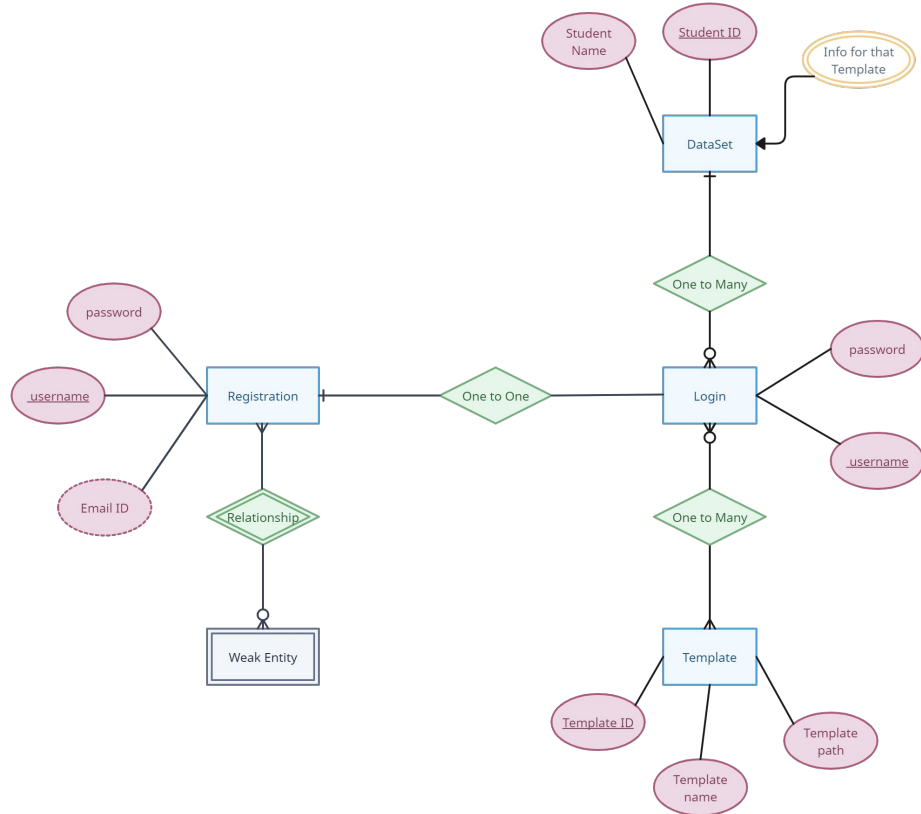


The screenshot shows the OBS Studio 30.1.2 interface. The main preview window displays a MySQL Workbench window with a database schema. The interface includes several panels:

- Sources:** Displays 'Desktop Audio' and 'Window Capture'.
- Audio Mixer:** Shows volume levels for 'Desktop Audio'.
- Scene Transitions:** Includes a 'Fade' transition with a duration of 300 ms.
- Controls:** Features buttons for 'Start Streaming', 'Stop Recording', 'Start Virtual Camera', 'Studio Mode', 'Settings', and 'Exit'.

The status bar at the bottom indicates the recording is in progress, showing a duration of 00:00:00, CPU usage at 0.0%, and a frame rate of 60.00 / 60.00 FPS. A log window on the right shows the following entries:

| Time | Message | Duration / Fetch |
|-------------|----------------|-----------------------|
| 35 09:23:21 | truncate users | 0.000 sec / 0.000 sec |
| 36 09:23:42 | truncate users | 0.000 sec / 0.000 sec |
| | | 0.500 sec |
| | | 0.484 sec |



The ER is the Generalised version as Dataset and Template management are the mission puzzle.

After Implementing the Basic Functionality, it was time to implement web application as root software. Using NodeJS and Express Framework for Backend , ReactJS for frontend, MySql as Database the web Application was creating. Initially it is to implement the basic mail sending system.

Logout

« < May 2024 > »

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-----|-----|-----|-----|-----|-----|-----|
| 29 | 30 | 1 | 2 | 3 | | |
| 4 | 5 | 6 | 7 | 8 | | |
| 9 | 10 | 11 | 12 | 13 | | |
| 14 | 15 | 16 | 17 | 18 | | |
| 19 | 20 | 21 | 22 | 23 | | |
| 24 | 25 | 26 | 27 | 28 | | |
| 29 | 30 | 31 | 1 | 2 | | |

Send Email

Single ☐

Multiple ☐

To

CC:

Subject:

Message:

```

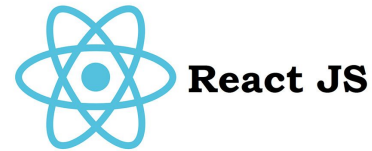
content="width=device-width, initial-scale=1.0">
<title>Certificate</title>
</head>
<body>
<p>Dear [Student Name],</p>
<p>This is the certificate for completion of course.</p>
<p>PFA certificate.</p>
<p>Regards,<br>Administration</p>

```

Attachment:

Choose File No file chosen

Send Email



- [SMTP \(Simple Mail Transfer Protocol\): Servers and Sending Emails | SendGrid](#)
- [Nodemailer :: Nodemailer](#)
- [MySQL](#)
- [React](#)

THANK YOU