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SMART INDIA  
HACKATHON  
2020

**TEAM NAME:** CODE\_CRUNCH

**PROBLEM STATEMENT CODE:** MK95

**MINISTRY NAME:** GOVERNMENT OF UTTARAKHAND

**TEAM MENTOR NAME:** PROF. AJU PALLERI

**TEAM LEADER NAME:** MAHESH MAHAJAN

**TEAM MEMBERS:**

NEHA PATIL

PRANALI SAWANT

PREETAM B.A

LOVKESH SHARMA

KARAN NAIR

Partners



DEVNET



KPIT

Communication Partner



Suma  
Soft

Media Partner



# Problem Statement

National Web Portal is used for designing Job oriented courses with the help of Human Resource data and desirable skill sets from industries. Design a system to read the job description from the pdf and word document provided by government officials. Provide facility to review and edit the generated job description and publish on the portal. This portal should also provide facility to apply for job and further management of interview and selection process.

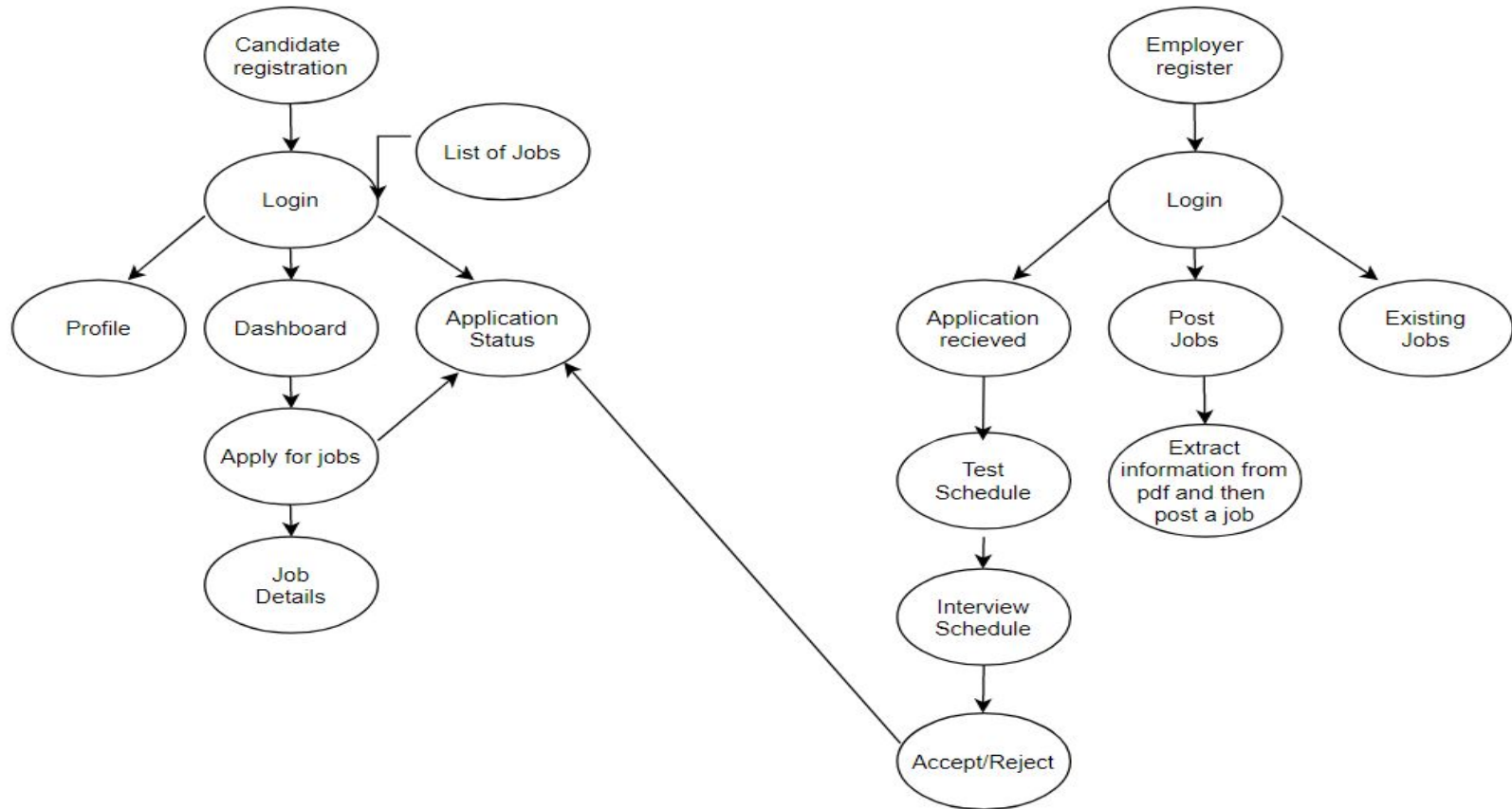
# Introduction

- A web based job portal RecruitUttarakhand.in designed using flask framework consist of 3 parts- user, employer and interview system.
- Hosts all the vacancies posted by different organizations.
- Applications for jobs posted in different government/private sectors.
- Providing a platform for interview and selection processes.
- Table Detection using camelot library and extracting table and text using camelot from pdf/doc followed by auto-filling of the same in the input section while posting a job.
- Maintaining a profile for User and Employer.
- Up-to-date notification system for user.

# Features

- One stop solution for complete job hiring process.
- Smart application tracking system.
- Job search filter according to the user's requirement.
- Integrated online adaptive testing platform.
- User friendly and developer friendly web application.
- Reduces human time and effort.
- Robust and light-weight technology stack.

# Flow of the application:



# Task Completed

- ✓ Registration and Login functionalities for both User and Employer.
- ✓ Profile is maintained for Editing, Deleting, Adding, and Updating details.
- ✓ Application Tracking System (Status: Applied, test pending, test completed, interview scheduled, interview completed, accept or reject application).
- ✓ Job search filter according to part time, minimum salary/pay, location and company wise.
- ✓ Extraction of table (using camelot) and text from the Pdf followed by auto-filling of the form.
- ✓ Online Adaptive Assessment Platform.
- ✓ Interview Management System.
- ✓ Statistics of (jobs, candidates hired, application received etc) on dashboard.
- ✓ Uploading Profile Picture.
- ✓ Complete application tracking system implemented.
- ✓ Recommendation of jobs according to the candidate skills.
- ✓ Up-to-date notification system.
- ✓ Multilingual support.

# Technology Stack

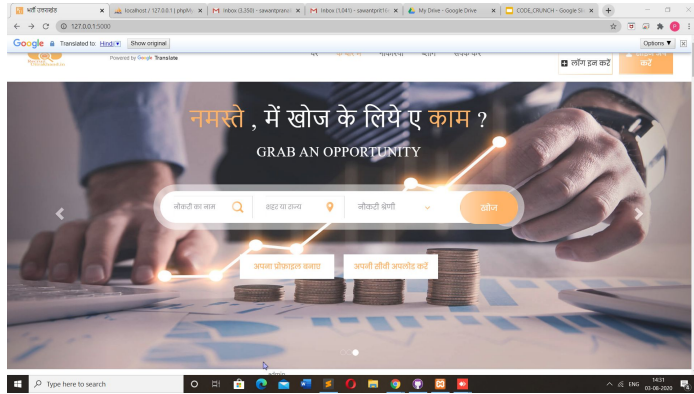
**Frontend:** Flask, Bootstrap, HTML, CSS, JavaScript

**Backend:** jQuery, Python.

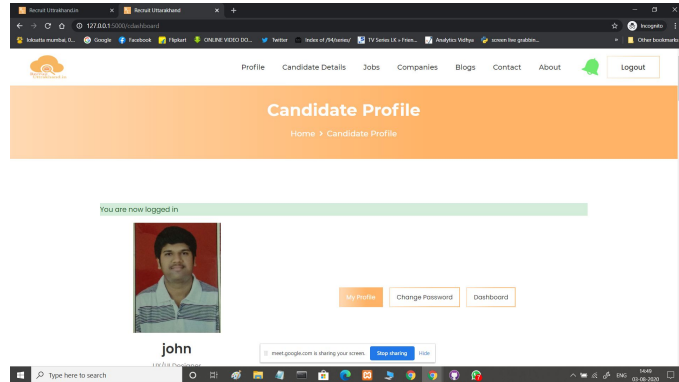
**Database:** MySQL

**Technique:** NLP ( camelot)

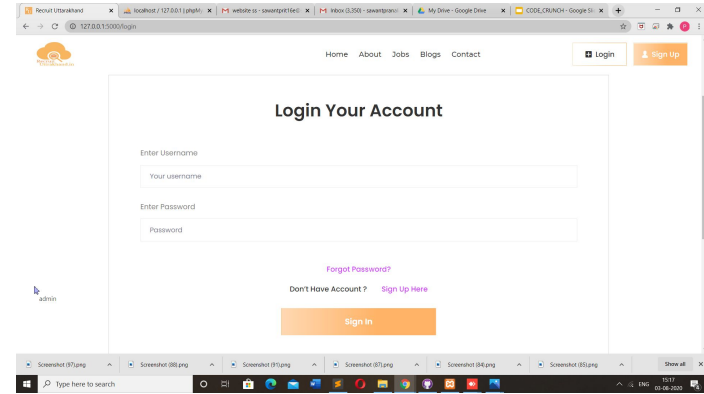
# Screenshots



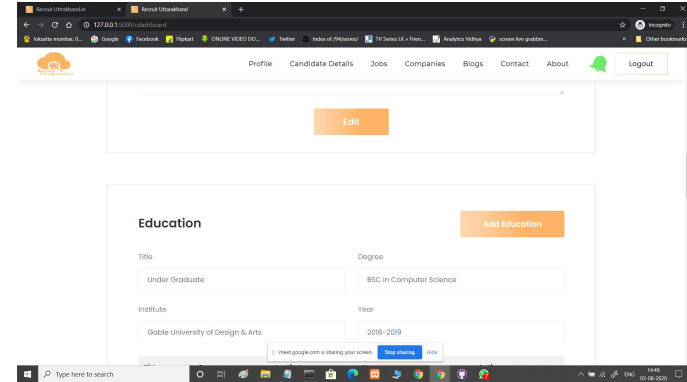
HOMEPAGE



PROFILE PAGE



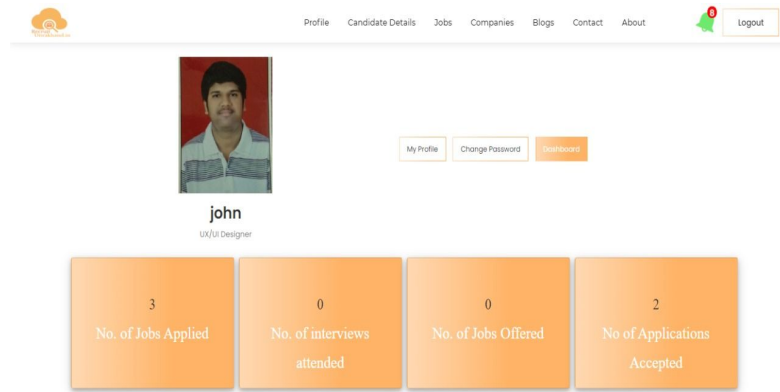
LOGIN PAGE



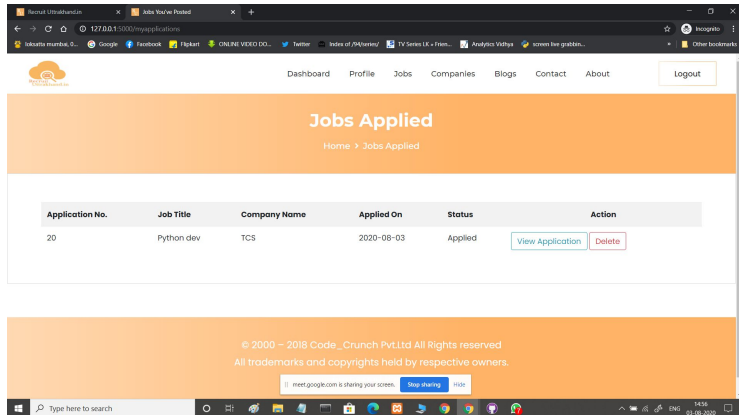
PROFILE EDITING PAGE



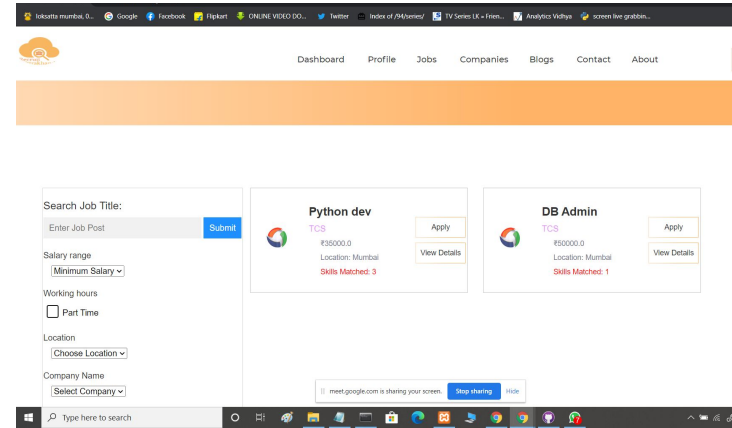
# Screenshots



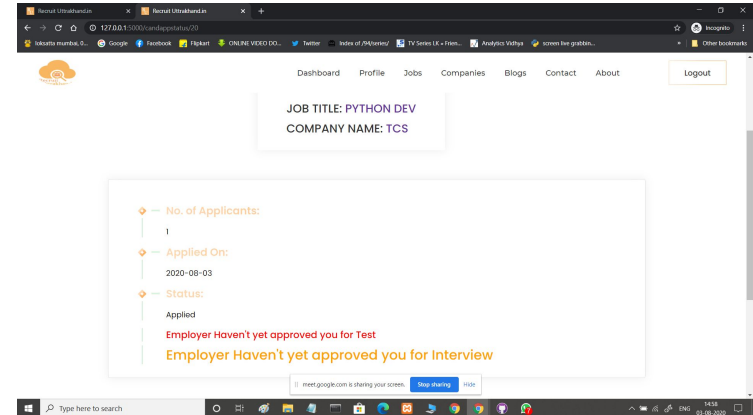
## STATISTICS



## APPLIED JOB

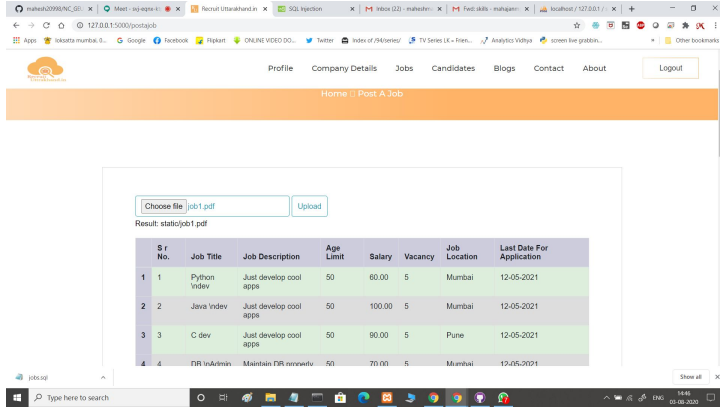


## JOB LISTS

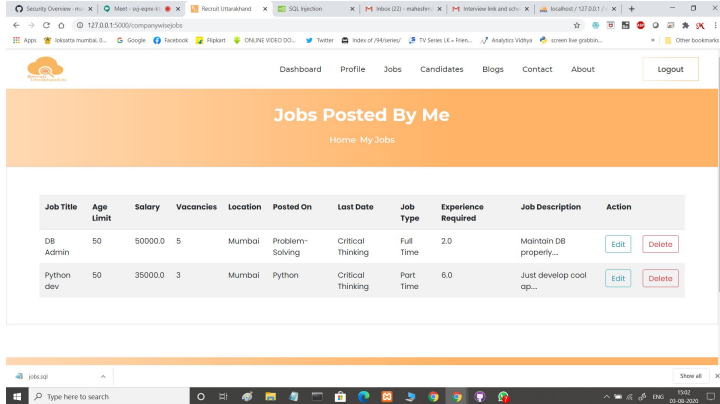


## CANDIDATE APPLICATION STATUS

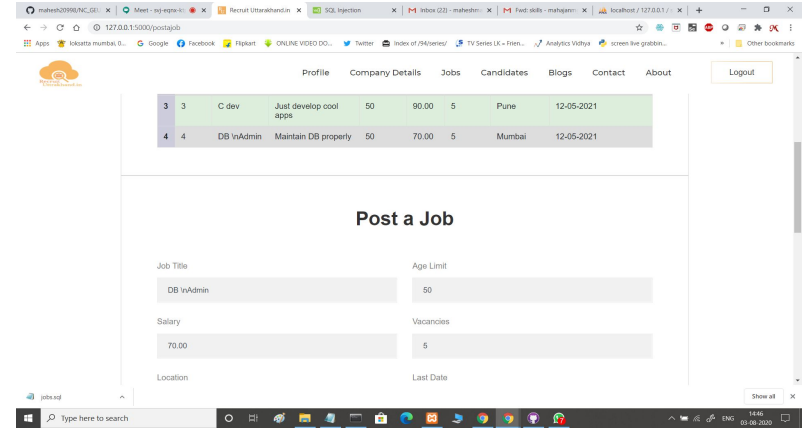
# Screenshots



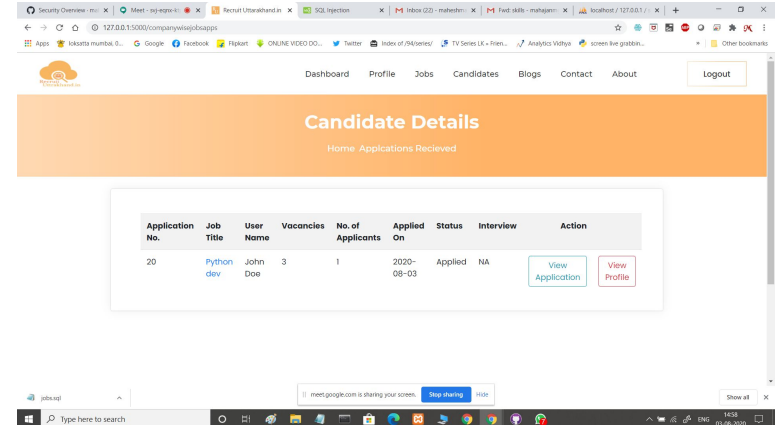
## PDF EXTRACTION



## POSTED JOBS

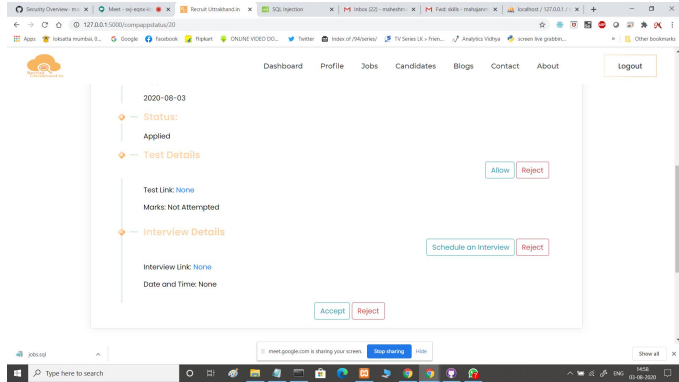


## POSTING A JOB

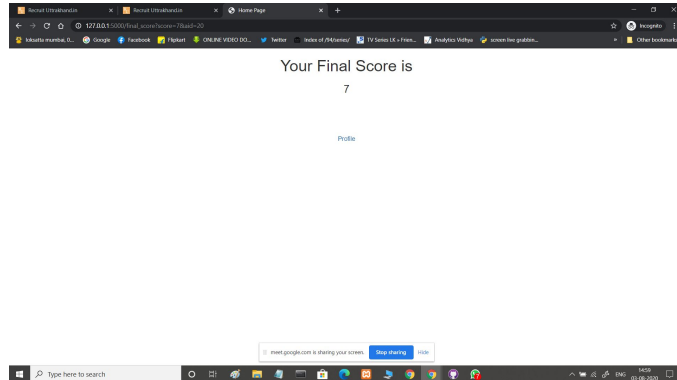


## CANDIDATE DETAILS

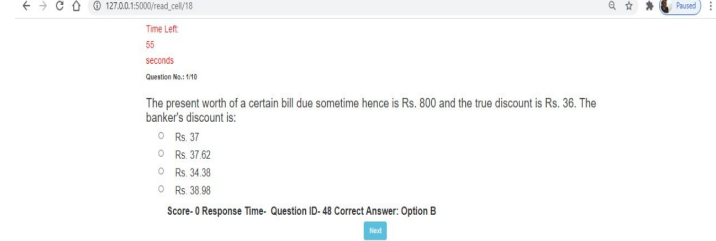
# Screenshots



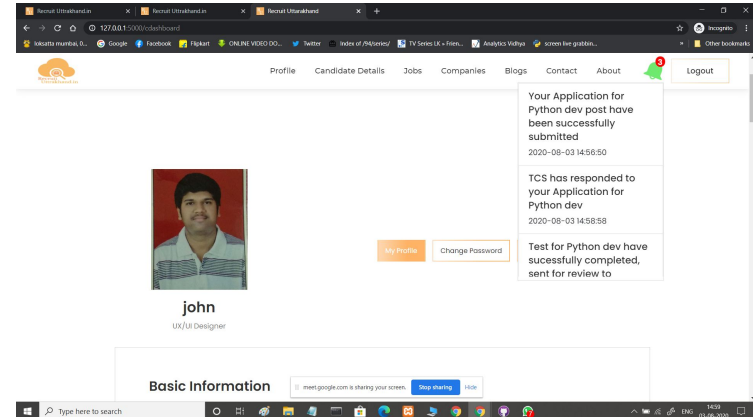
## COMPANY APPLICATION STATUS



## TEST COMPLETION PAGE



## TEST QUESTION PAGE



## UP-TO-DATE NOTIFICATION

Recruit@kakatotech.in

127.0.0.1:5000/Recruit@kakatotech.in

Kakatech Mumbai, India

Google Facebook LinkedIn

ONLINE VIDEO DO...

Twitter

Index of /Pages/

TV Series & Li...

Analytics Value...

screen has problem...

Incognito

Other bookmarks

Dashboard Profile Jobs Companies Blogs Contact About Logout

No. of Applicants: 1

Applied On: 2020-08-03

Status: Interview Scheduled

Test Details

Test Link: /kakatetest/20

Marks: 7

Test Details

Interview Link: <https://meet.google.com/yia-pipu-raq>

Date and Time: 2020-08-20 18:00:00

meet.google.com is sharing your screen Stop sharing Hide

Type here to search

Windows taskbar: File Explorer, Google Chrome, Microsoft Edge, VLC media player, Telegram, WhatsApp, Spotify, Zoom, Microsoft Word, Outlook, Task View, System Tray (Network, Volume, Power), Date/Time: Wed 03-08-2020

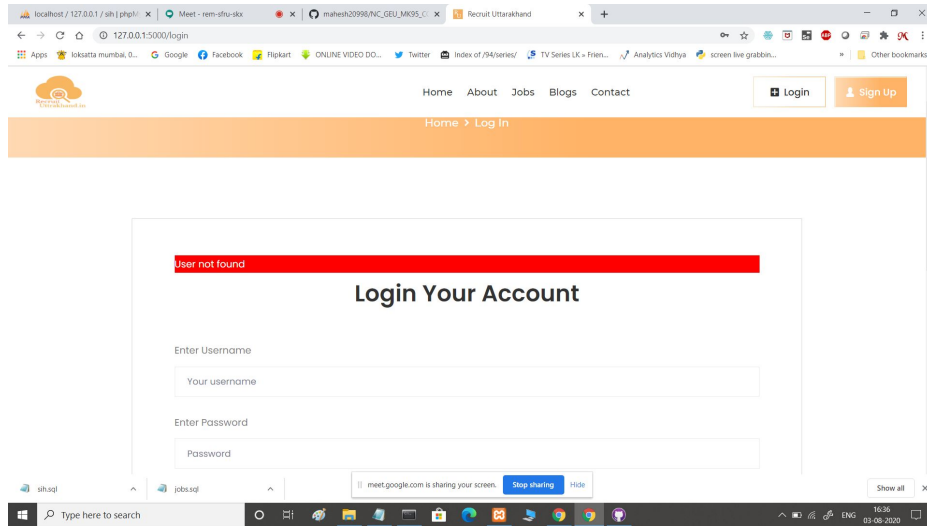
The screenshot displays the Ylia PIPU web application interface. At the top, there is a navigation bar with links for Dashboard, Profile, Jobs, Candidates, Blogs, Contact, and About. A 'Logout' button is located on the right side of the navigation bar. The main content area shows details for a specific job application:

- No. of Vacancies:** 3
- Applied On:** 2020-08-03
- Status:** Accepted
- Test Details**
  - Test Link: </takethetest/20>
  - Marks: 7
- Interview Details**
  - Interview Link: <https://meet.google.com/yia-pipu-rrf>
  - Date and Time: 2020-08-20 18:00:00

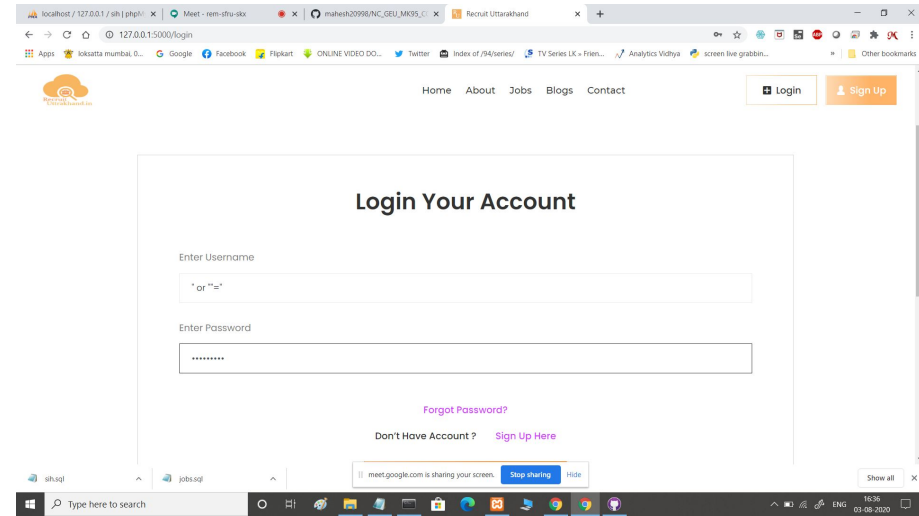
On the right side of the application details, there are two buttons: 'Allow' (highlighted with a red box) and 'Reject' (highlighted with a red box). Below the interview details, there are two more buttons: 'Schedule an Interview' (highlighted with a red box) and 'Reject' (highlighted with a red box). The bottom of the screen shows a Windows taskbar with various application icons and a search bar.

## PASSWORD ENCRYPTION

# Screenshots



SQL INJECTION



TRYING SQL INJECTION