PSG COLLEGE OF TECHNOLOGY, COIMBATORE – 641 004
DEPARTMENT OF COMPUTER APPLICATIONS
AY 2021-2022   MCA First Year   Semester 1
20MX18 WEB APPLICATION DEVELOPMENT
Design Abstract

I. Team Detail

Batch No.	Roll No.	Name of the student	Name of the Faculty Guide
6	2 1MX108	Issac Kingslin G	Mr. Sundar C Assistant Professor (Sr.Gr.)
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	21MX217	Rajeshkumar R	
	21MX222	Sathish Kumar S	

II. Title of the Application

Job Qualifier - An Automated Job Portal

III. Abstract

● Employment opportunities for candidates have shifted to virtual platforms in this decade.
● This system filters the applications of the candidate applied for a job , by the
  ○ Answers submitted by the candidate in video mode within a specified time
  ○ Candidate Details
  ○ Resume
● The video is recorded and uploaded through the browser.

IV. Existing System

● There are many existing applicant tracking systems like bullhorn, Jobvite, SmartRecuirters, Workable, etc…
● These systems save time, provide customizable screening, and have a huge wealth of data.

- These systems focus only on the data / analytical information, which at times fails to check for the candidates potential.
- Thus it limits the potential candidates.

LINKS FOR THE EXISTING SYSTEM:

- https://www.bullhorn.com/
- https://www.smartrecruiters.com/
- https://www.workable.com/

V. Proposed System

- Collects the candidate details and allows the candidate to update the details.
- The system asks questions based on the role the candidate is interested in applying for it. The user answers these questions through a live video.
- These videos will be used as a filter criteria by the organisation
- The admin has a separate login where the company can login and see the candidates applied for the job.

VI. Objectives of the Proposed Application

To filter the candidates by various different criteria like experience, area of interest , CGPA, etc… based on the requirements for the specific role. The criteria of presenting oneself in an interview is analysed even before the live interview.

VII. Scope / Use

Despite the fact that each firm is unique, they all rely on attracting, acquiring, and maximising top talent. During the hiring or onboarding process, many organizations face major challenges. This system offers a lot of advantages to a company, including the capacity to find, hire, and retain the best employees.

VIII.   Technology to be used (Specific Framework etc.)

Front end   : HTML,CSS,Javascript,Bootstrap

Connection : PHP

Back end   : MySQL

IX. Functional Requirements of the Application

Candidate can

- Update their details
- Apply for a job
     1) Answers the question through live video
     2) Submits the application
- Checks the status of the application

Admin can

- Adds questions
- Adds roles
- Views the applications
- Views the candidate details
- Selects or rejects the candidates

X. Non-Functional Requirements of the Application

- Saves time for the candidate and the admin
- Authorized person can only login
- Easy to access the system
- Reduces the work

XI. Flow diagram of the Application (CAD/ Flow chart kind of simple diagram to illustrate the functional flow of your application)
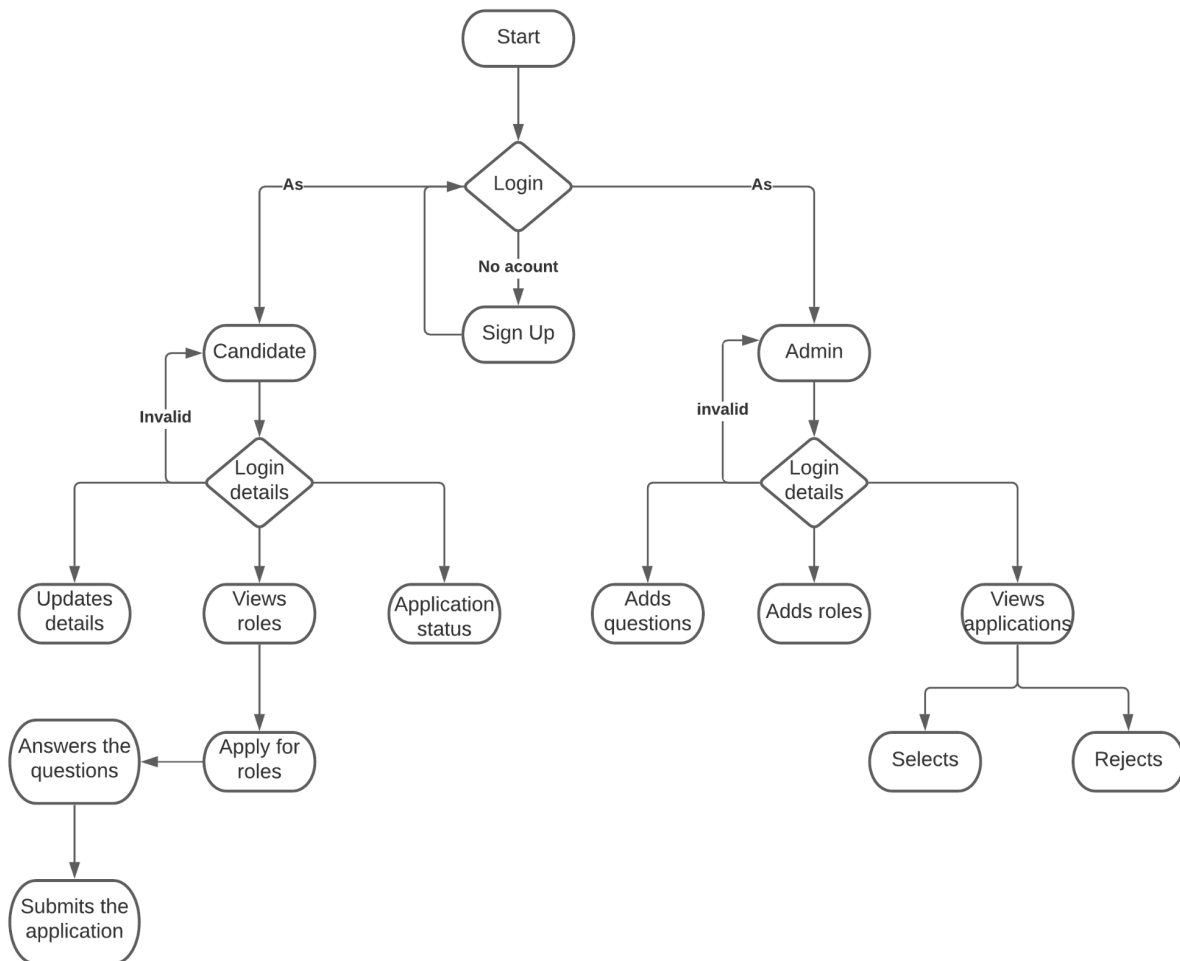
XII. Complete interface/prototype of the proposed Application (use Storyboarding method / Wireframe tools to do this….)

Job qualifier

HOME   SIGN UP   LOGIN

‹   ›

JOB QUALIFIER   1   2   3

NAME

EMAIL

GENDER

ADDRESS

CONTACT

ADDRESS

PINCODE

DATE OF BIRTH

AREA OF INTEREST

SSLC PERCENTAGE

HSC PERCENTAGE
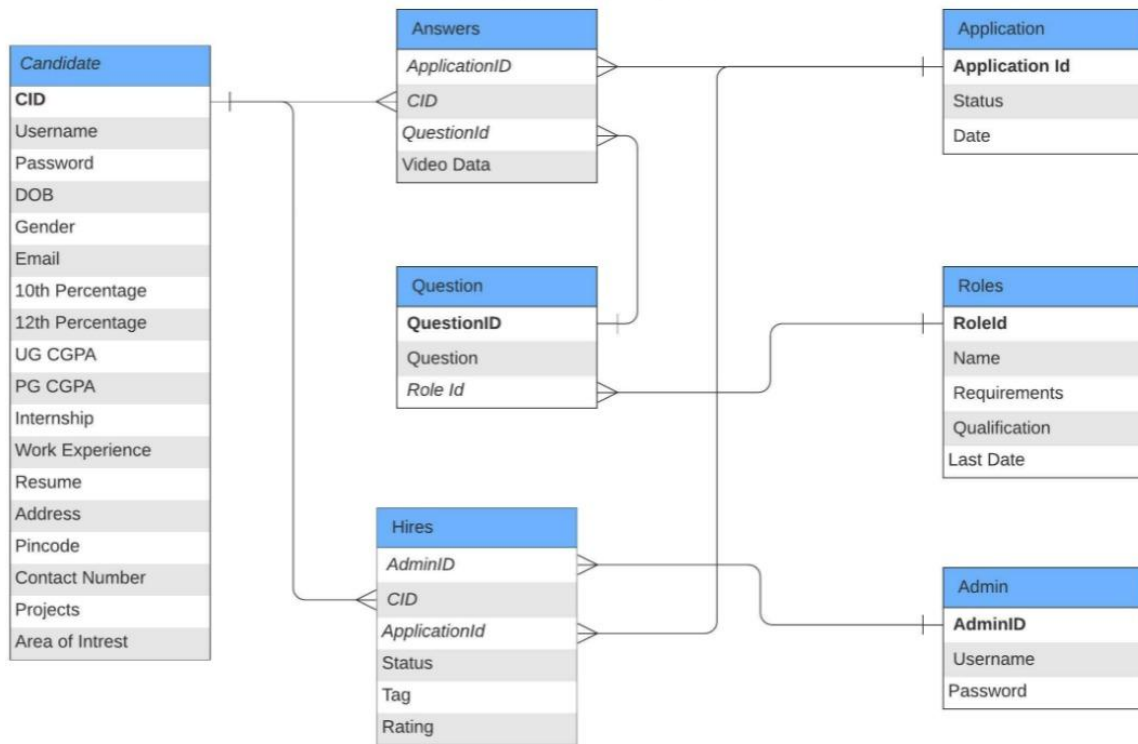
UG PERCENTAGE

PG PERCENTAGE

WORK EXPERIENCE
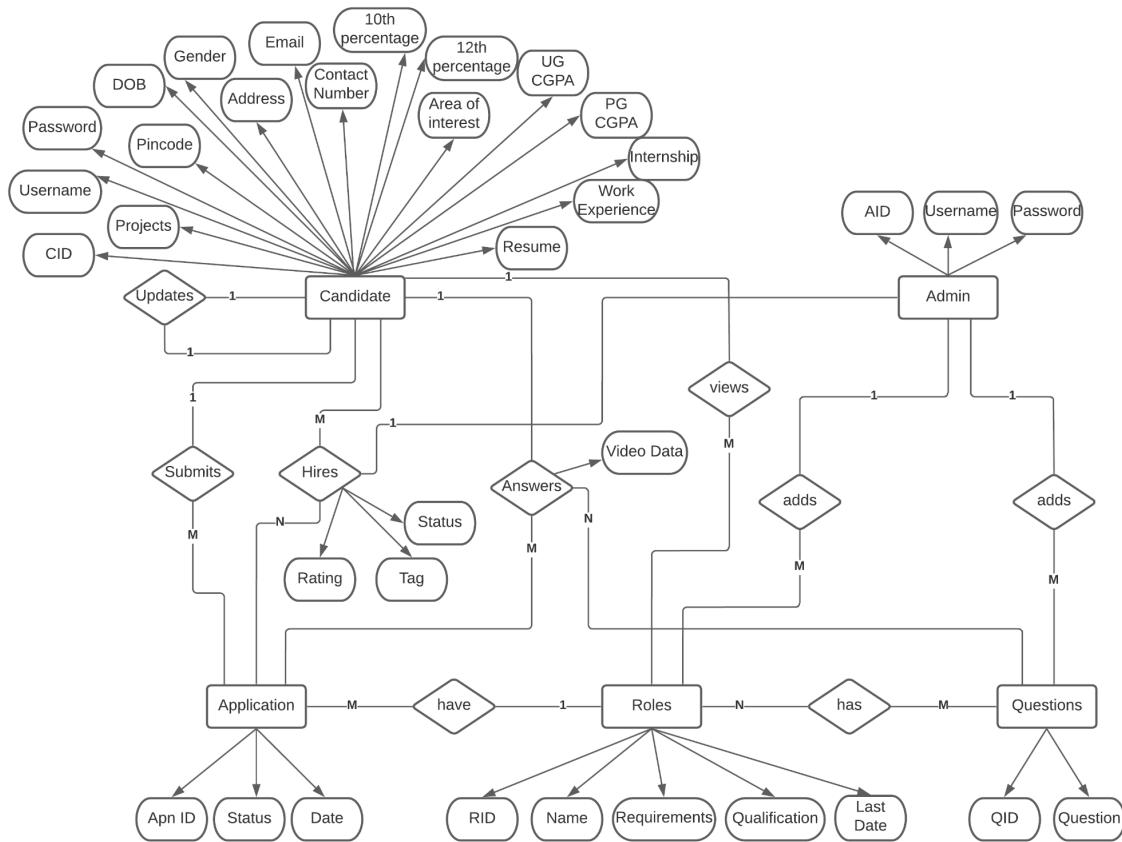
INTERNSHIP

PROJECTS

RESUME

CHOOSE FILE

UPDATE

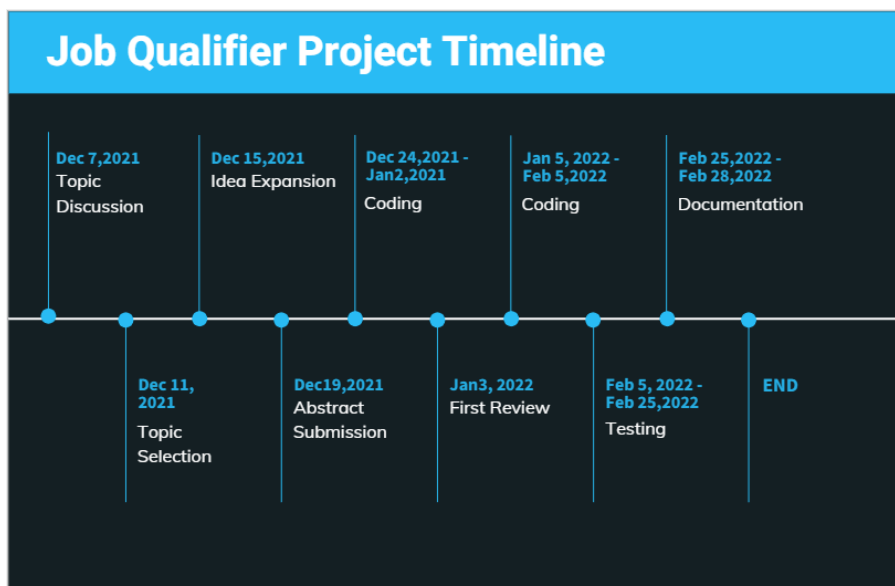## XII1. Database Schema of the application (if any):

XIV: Use Case Diagram for the application:

XV: Other specifications/diagrams related to your work:

XVI: Timeline of Activities planned/completed

Job Qualifier Project Timeline

Dec 7,2021
Topic Discussion

Dec 15,2021
Idea Expansion

Dec 24,2021 - Jan2,2021
Coding

Jan 5, 2022 - Feb 5,2022
Coding

Feb 25,2022 - Feb 28,2022
Documentation

Dec 11, 2021
Topic Selection

Dec19,2021
Abstract Submission

Jan3, 2022
First Review

Feb 5, 2022 - Feb 25,2022
Testing

END

Signature of the students

Issac Kingslin G
Preethi B
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Sathish Kumar S

Signature of the Guide