A Survey on Face Detection Resume

Vivek Ravindraprasad Pandey, Suraj Brinda Yadav, Rahul Ram Kishun Chauhan

M. Tech, Dept. of Computer Engineering, ARMIET, Mumbai University, India

B.E Student, Dept. of Computer Engineering, ARMIET, Mumbai University, India

B.E Student, Dept. of Computer Engineering, ARMIET, Mumbai University, India

ABSTRACT: Colleges, Institutes and big organizations face problems of data storage like attendance, keeping track of students while they are in campus. Also, students and jobseekers face many problem in securing a job and often are unable to create a professional resume.

So, in this project we are planning to create a technology FACE DETECTION RESUME, in which we are going to create a website/application in which by detecting your face all your data will be shown. User will register in this website and fill in basic information like name, age, qualification etc. and other details. Many of the resume formats are available. Student resume data will be shared with companies as they will be linked by this website. Huge number of data will be maintained for colleges and big organizations to eliminate the hassle of paper work.

OpenCV technology is for face detection Open CV 2.4 now comes with the very new Face Recognizer class for face recognition, so you can start experimenting with face recognition right away. Adobe Photoshop CC is used to design the Blueprints of the Project. IntelliJ IDEA 2016.3.2 is used to code the website with proper and easy GUI. WAMP is be used to design the Database for the Website.

KEYWORDS: Image Processing, Data Filter, Database, face, face recognition, Educational Institute.

I. INTRODUCTION

Face detection resume is basically a technology in which the face of the user will be used to segregate all the information related to him/her. The target consumers of this technology will be companies seeking to recruit the best talent in the field or unemployed seeking employment or colleges looking to keep track of student records and many more.

This Application will also be linked to the user's other social networking websites like Facebook, Twitter, Instagram etc. to help the recruiters judge the candidate and also will help in verification processes. It will include special type of filters for the users to help people see what they want them to see about their life, which will take care of the user's privacy.

The Face Detection App will be very user friendly and will be easy to use and manage, so the user who is not very well versed with technology can also use it. It will also use special characters and passwords for verification, so there is lesser chance that the privacy of the user will be compromised.

II. RELATED WORK

[2] The availability of computer systems has created a variety of automated applications in personal identification. From the various characteristics of biometrics, face recognition techniques mainly face verification has become an area of active research and the application are important in law enforcement because it can be done without involving the subject.[3 Face recognition has recently attracted increasing attention and is beginning to be applied in a variety of domains, predominantly for security, but also for video indexing In][4] OpenCV 2.4 now comes with the very new Face Recognizer class for face recognition, so you can start experimenting with face recognition right away. algorithms are: Eigenfaces, Fisher faces, Local Binary Patterns Histograms.

III.EXISTING SYSTEM

We have referred websites like LinkedIn, Naukri.com, Monster Jobs.com etc. which help the companies, jobseekers and students by providing features like resume upload, designation description, adding photos and professional courses status.
LIMITATION OF EXISITING SYSTEM Most of the websites mention above are beneficial for high paying and designation job, whereas fresher is impacted less by them Also the information is complete and leads to confusion about the vacancies available. Many of the website are more complex which further confuses the non-tech savvy person or user.

IV.PROPOSED SYSTEM

Proposed System: - It can be used to filter the form at the time of Interview. Data management for organization and institute. Getting job for fresher and to access all document worldwide. Huge number of data will be maintained for colleges and big organizations to eliminate the hassle of paper work.
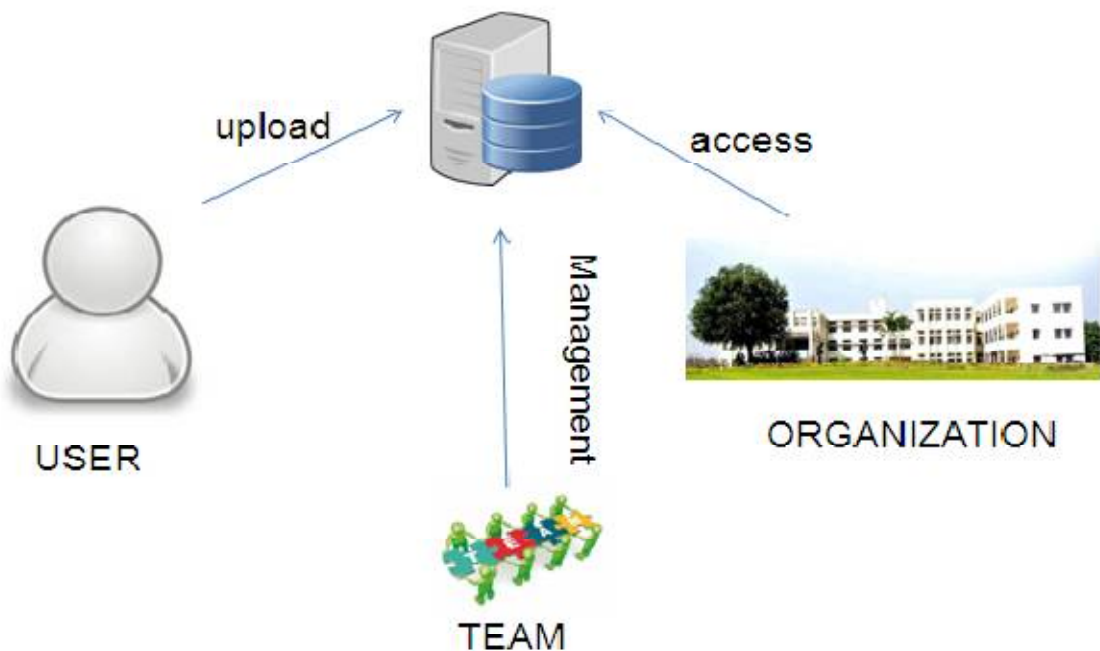

Fig: - System Architecture

User will register in website and that will be stored in database which can be accessed by organization, whatever server basedproblems thatwill be managed by team members.
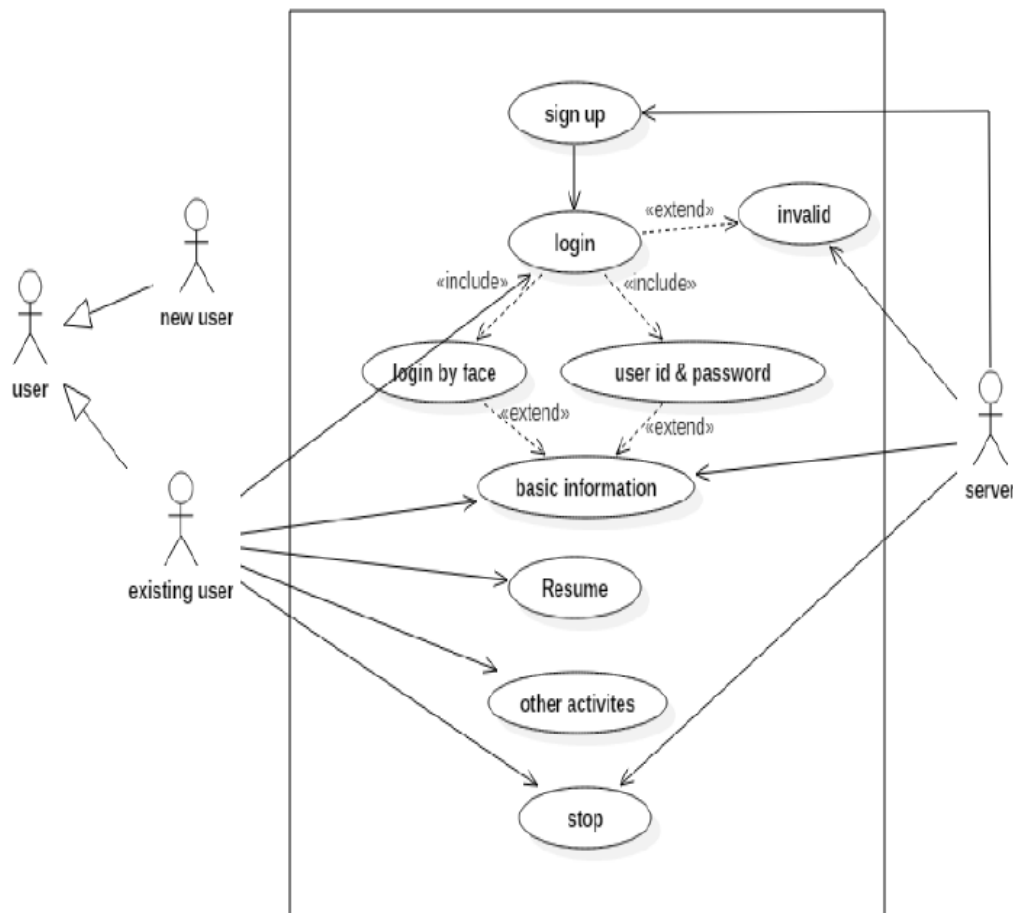
Fig: - USE CASE DIAGRAM

Step 1: - User Registration.
Step 2: - Either new user or existing user.
Step 3: - New user will sign up and then Login.
Step 4: - Existing will directly login either by face or login ID.
Step 5: - After that it will show basic Information, resume and other activities.
Step 6: - Stop.

V. CONCLUSION

As day by day the number of people landing right job as per their qualification and talent is decreasing and the threat of compromising with the privacy of an individual is always there, our system will work in an efficient manner to ensure that everything from the privacy to the filtering criteria per the user requirement is taken care of. Provided with the latest face detection system, which can also be used with smartphones having android and windows platforms, and periodical updates. The extra hours and tedious efforts of looking for a job, spending time in cyber cafes for proper formats of resumes and seeking help which is many a times the case with a fresher, is all saved by this Application. The

stress of carrying the documents neatly to the destination which are quite heavy and troublesome while using public transport, will be lessened. As Colleges, will also use this application and update the data of their students themselves, all that a student has to do is wait for the right job to come his/her way.

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