

RESUME SCREENING

GUIDED BY
Mrs. JYOTHI P JOY
ASST PROFESSOR
DEPT OF CSE

1.AATHIRA P R
2.ABHIRAMI ANANTHAKUMAR
3.AMAL CEZNA
4.JEWELNA T J

TJE19CS001
TJE19CS005
TJE19CS017
TJE19CS045

CONTENTS

- **Introduction**
- **Literature Survey**
- **Problem Identification**
- **Proposed System**
- **System Architecture**
- **Modules**
 - **Upload Resume**
 - **Analyzer & Ranking**
 - **Questionnaire & Mail**
- **System Specifications**
- **Completion of Phase 1**
- **Expected work in Phase 2**
- **Conclusion**
- **References**

INTRODUCTION

- Resume Screening is the primary step in the hiring process.
- Screening resumes is a time consuming but an important part of the selection process.
- Evaluates the candidates' resumes and determines whether they are qualified for a role.
- Manual screening - Consumes a lot of time and effort.

Continuation...

- Resume Screening is the process of evaluating the candidates' resumes based on a specific requirement.
- The basic Job Hiring process consists of 5 steps:-
 - Resume shortlisting.
 - Technical written test.
 - Technical, behavioral, managerial interviews.
 - HR Interview.
 - Offering the job.

LITERATURE SURVEY

PAPER NAME	PROBLEMS	SOLUTION	DRAWBACK
Manual Screening (support only pdf).	Time consuming Errors Inefficient Lot of pressure.	Every resume is checked individually.	Due to many resumes and little time available for processing.
Manual screening in web (pdf).	Time consuming Errors Inefficient Lot of pressure.	Resume is checked with the help of web helper.	can be miss out Can create bug.

PAPER NAME	PROBLEMS	SOLUTION	DRAWBACK
Screening with automatic scoring (pdf).	Time consuming Errors Inefficient Lot of pressure.	They analyze based on scores (education qualification).	They will miss out the skilled peoples.
Screening with the help of cloud database(pdf).	Time consuming Errors Lot of pressure.	Storing the datas on the cloud so that easily can sort it out.	Can form bugg due to heavy use of internet.

PAPER NAME	PROBLEMS	SOLUTION	DRAWBACK
Screening based on experience(pdf).	Time consuming Inefficient Lot of pressure.	They analyze based on scores (experience).	They will miss out the skilled peoples.
Aws method of screening process (Amazon) (pdf).	Time consuming Errors Inefficient Lot of pressure.	Amazon web service cloud method.	only focus aws data.

PAPER NAME	PROBLEMS	SOLUTION	DRAWBACK
Resume Ideal Software with chatbot.	Time consuming Errors Lot of pressure and doubts.	Chatbot to engage with the talent pool.	Costly to use.
Different file format detecting using deep learning including size of file.	Time consuming Errors Inefficient Lot of pressure. Only pdf files..	Can upload different types of files with max size 500 MB.	Cannot upload more than 500 MB of file.

PAPER NAME	PROBLEMS	SOLUTION	DRAWBACK
Resume parsing with search function methodology (pdf).	Time consuming Errors Inefficient Lot of pressure.	All the data is converted to a structured format for quick sorting and searching.	They will miss out the skilled peoples..
Newton Software or Paycor Recruiting (Docx, RTF, PDF, and more).	Time consuming Errors Inefficient Lot of pressure. Only pdf files.	Support for different popular formats like Docx, RTF, PDF, and more.	Took a long time to detect.

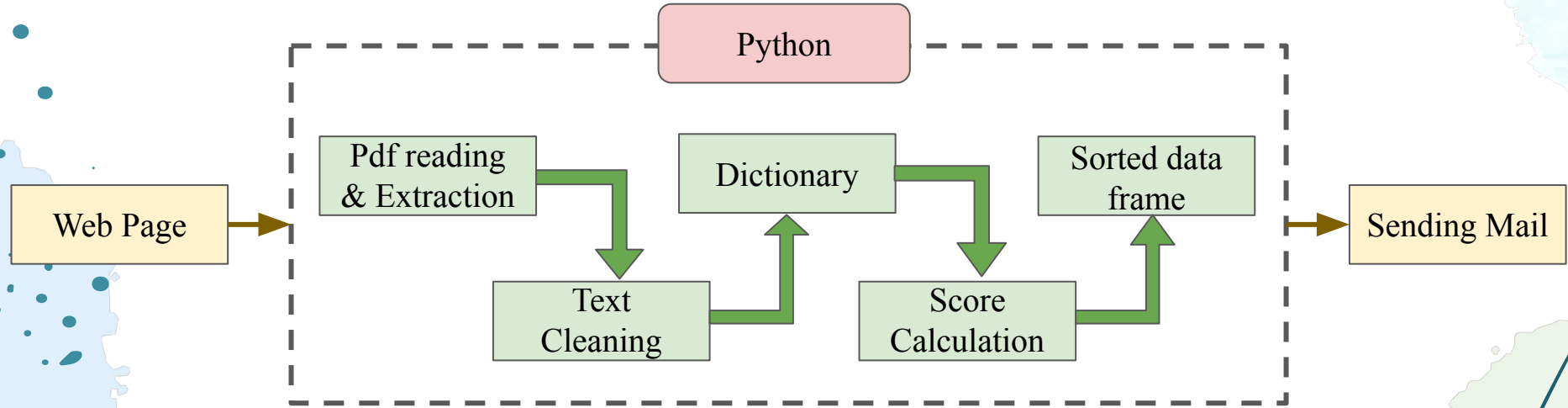
PROBLEM IDENTIFICATION

- Companies often receive lots of resumes for each job posting.
- Hiring the right talent is a challenge for all businesses.
- The biggest challenge in resume screening is volume.
- Time-consuming to go through all the resumes that are submitted.

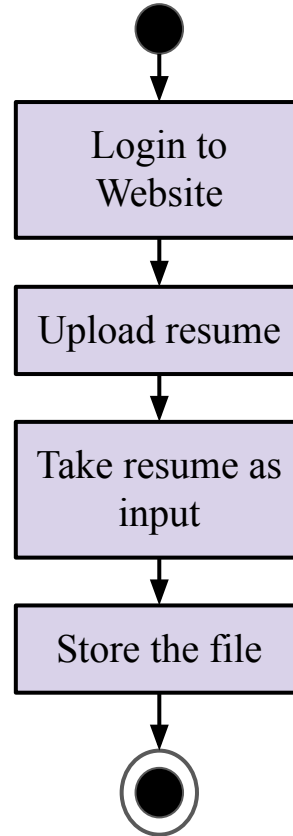
PROPOSED SYSTEM

- Selecting the resumes with the required credentials.
- Select the resumes with the desired skills.
- Selecting the resumes customized for the job.
- Checking the applicant's information.

SYSTEM ARCHITECTURE

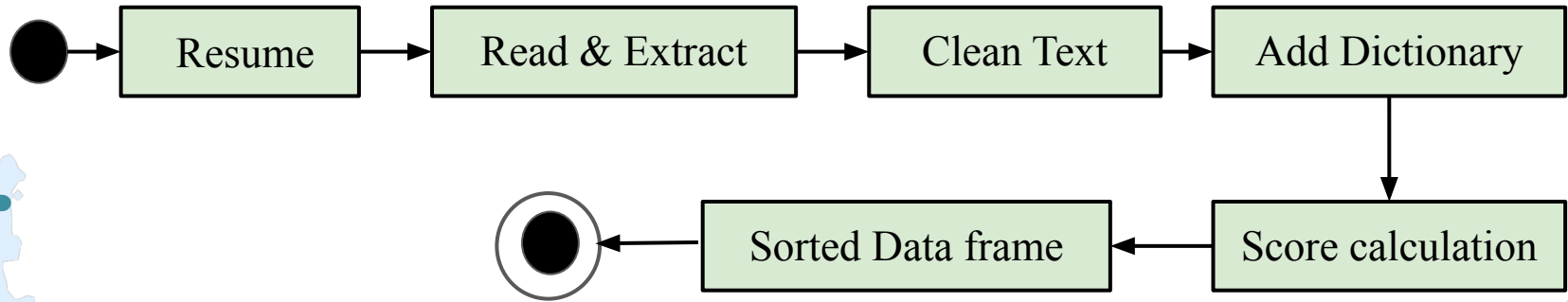


MODULE 1- UPLOAD RESUME



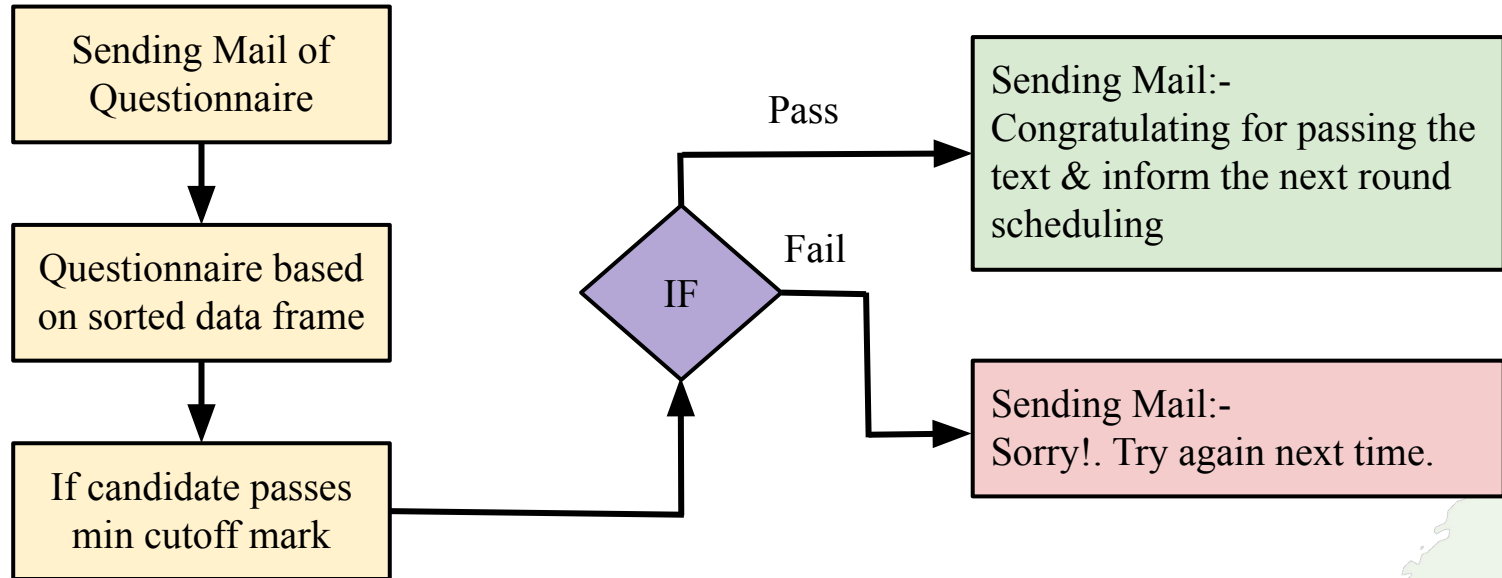
MODULE 2

ANALYZING & RANKING



MODULE 3

QUESTIONNAIRE & MAIL



SYSTEM SPECIFICATIONS

System requirements:-

- Website Creation.
- Languages used : Python, HTML, CSS, JavaScript.
- Framework - Flask.
- IDE - Vscode.

COMPLETION OF PHASE 1

- Downloaded Vscode.
- Frame work has been set up.
- Just started Web Page development.

EXPECTED WORK IN PHASE 2

- Analyzing.
- Ranking.
- Questionnaire.
- Mail.

CONCLUSION

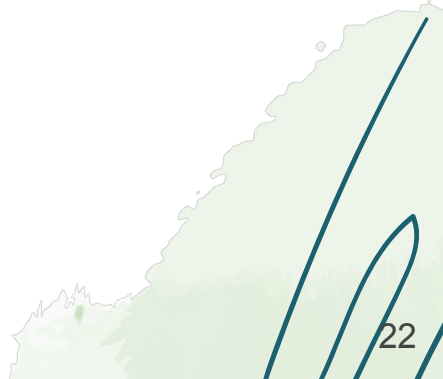

- Resume Screening is one of the most critical steps in the recruitment cycle.
- Very easy for recruiters.
- CVs can be screened easily and efficaciously.

REFERENCES

- Rutuja Patil, Pratiksha Sarvade, Ajinkya Patil, Yash Bhosale, “Resume Evaluation System Based on AI,” International Research Journal of Engineering and Technology, vol. 7, no. 7, 2020.
- V. V. Dixit, Trisha Patel, Nidhi Deshpande, Kamini Sonawane, “Resume Sorting using Artificial Intelligence,” International Journal of Research in Engineering, Science and Management, vol. 2, no. 4, 2019.

Continuation...

- Pradeep Kumar Roy, Sarabjeet Singh Chowdhary, Rocky Bhatia, “A Machine Learning Approach for Automation of Resume Recommendation System, Procedia Computer Science, vol. 167, pp. 2318-2327, 2020.



THANK YOU!