JOB MATRIX

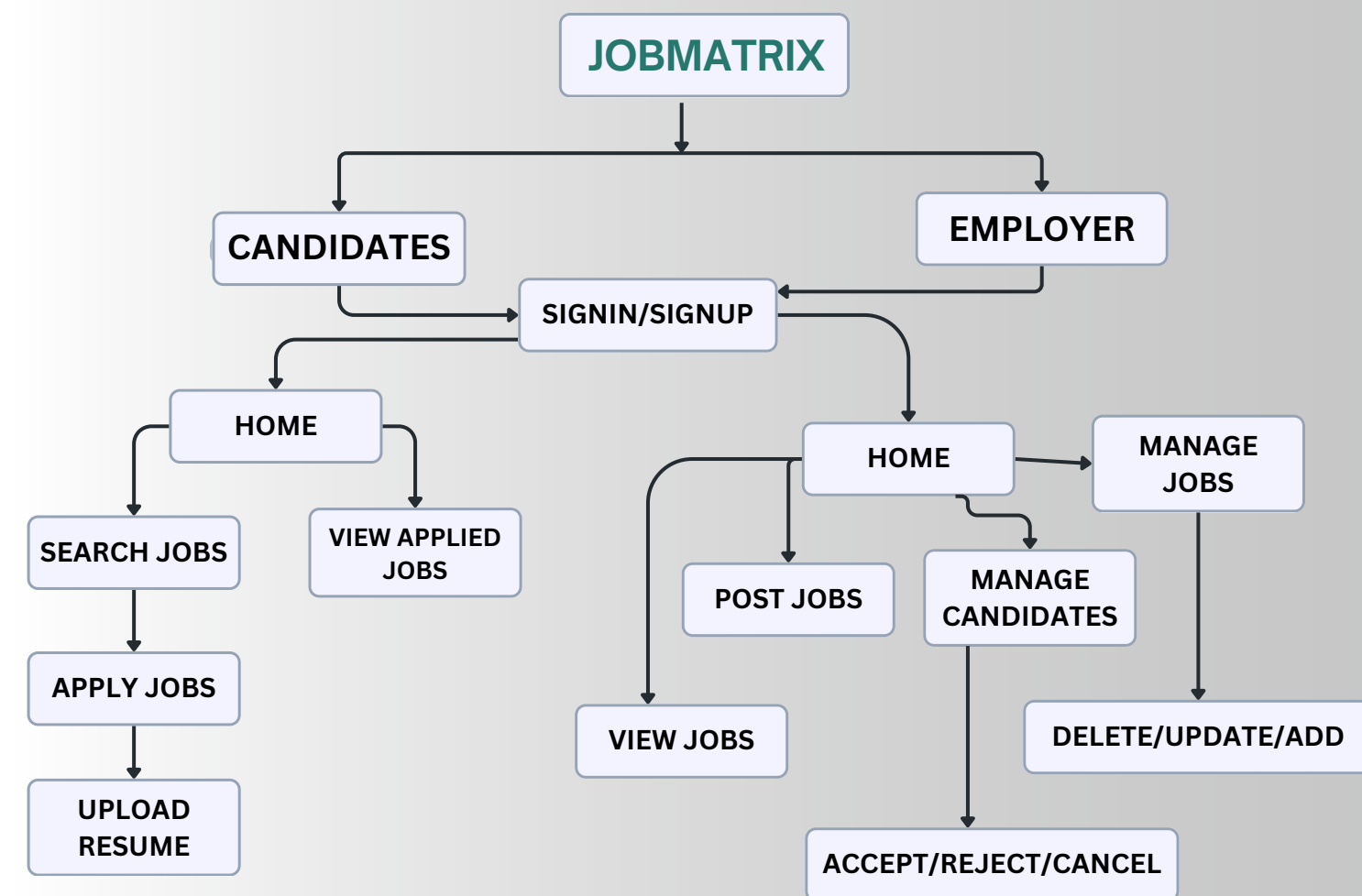## Problem statement

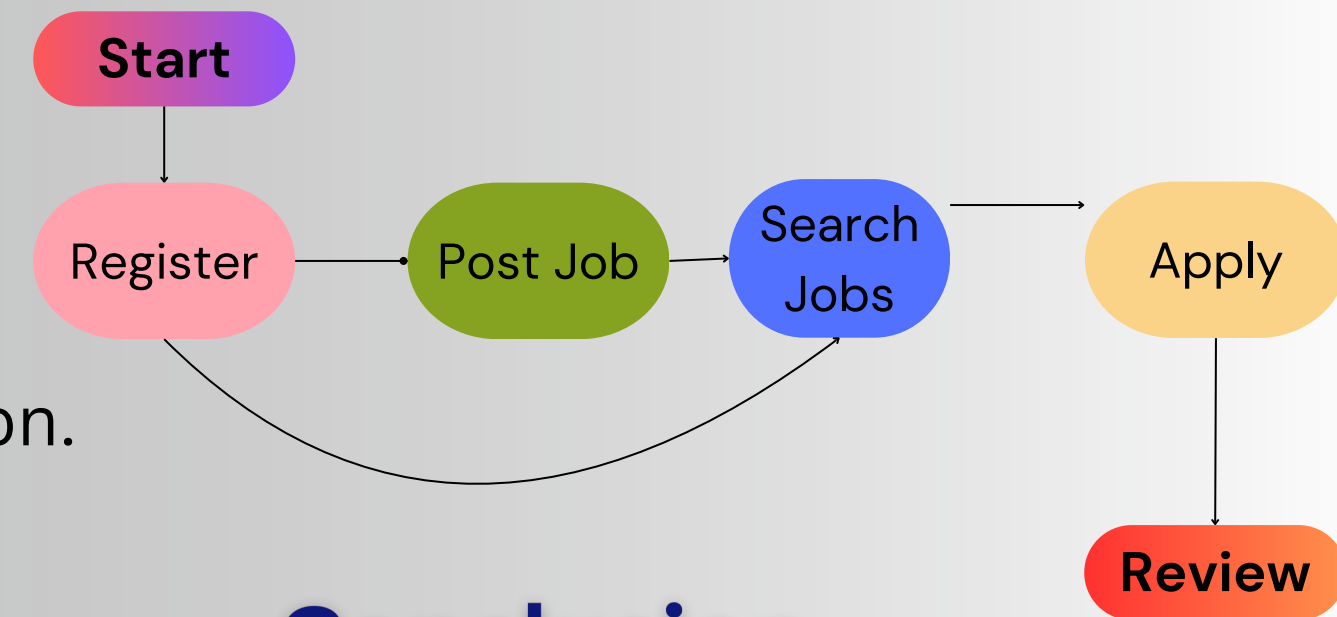Job seekers struggle to find suitable jobs, while companies face challenges in managing and filtering applications efficiently.

Objective

- Develop an efficient job platform using tkinter and Mysql.
- Enable easy job search & application.
- Simplify hiring & decision-making.
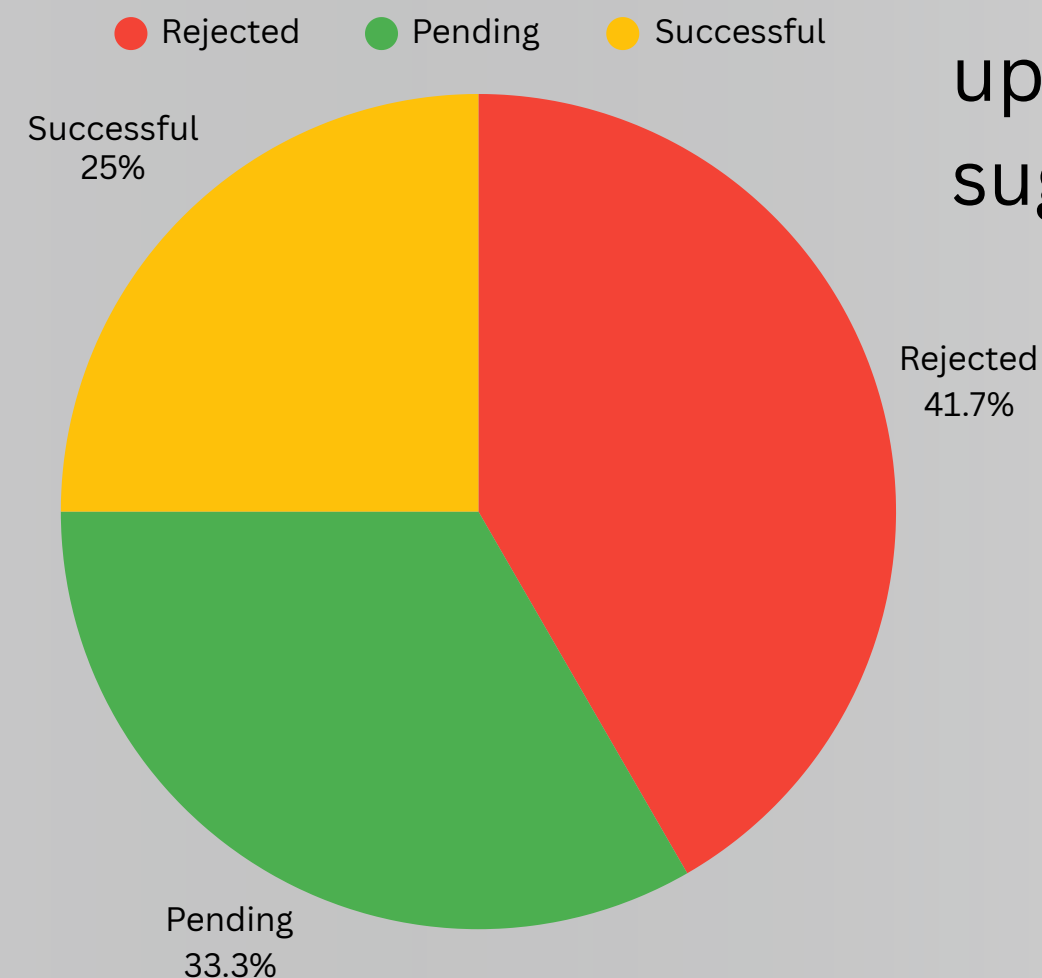- Provide a structured job management system

Workflow:

Start → Register → Post Job → Search Jobs → Apply → Review

Block diagram

JOBMATRIX
- CANDIDATES
  - SIGNIN/SIGNUP
    - HOME
      - SEARCH JOBS → APPLY JOBS → UPLOAD RESUME
      - VIEW APPLIED JOBS
- EMPLOYER
  - SIGNIN/SIGNUP
    - HOME
      - POST JOBS → VIEW JOBS
      - MANAGE CANDIDATES → ACCEPT/REJECT/CANCEL
      - MANAGE JOBS → DELETE/UPDATE/ADD

Result

- Rejected
- Pending
- Successful

Successful 25%
Rejected 41.7%
Pending 33.3%

Conclusion

Connecting job seekers and employers efficiently. Future upgrades: smart job suggestions & chat features

Reference:

- Kumar & Bansal (2020): Challenges in online job portals.
- Hossain & Rahman (2019): Streamlining hiring via job portals.
- Ahuja & Sharma (2018): Comparison of recruitment systems.