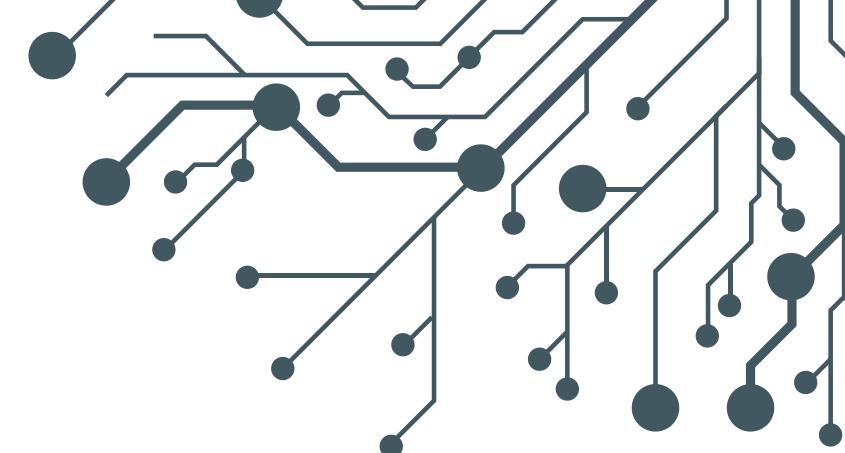
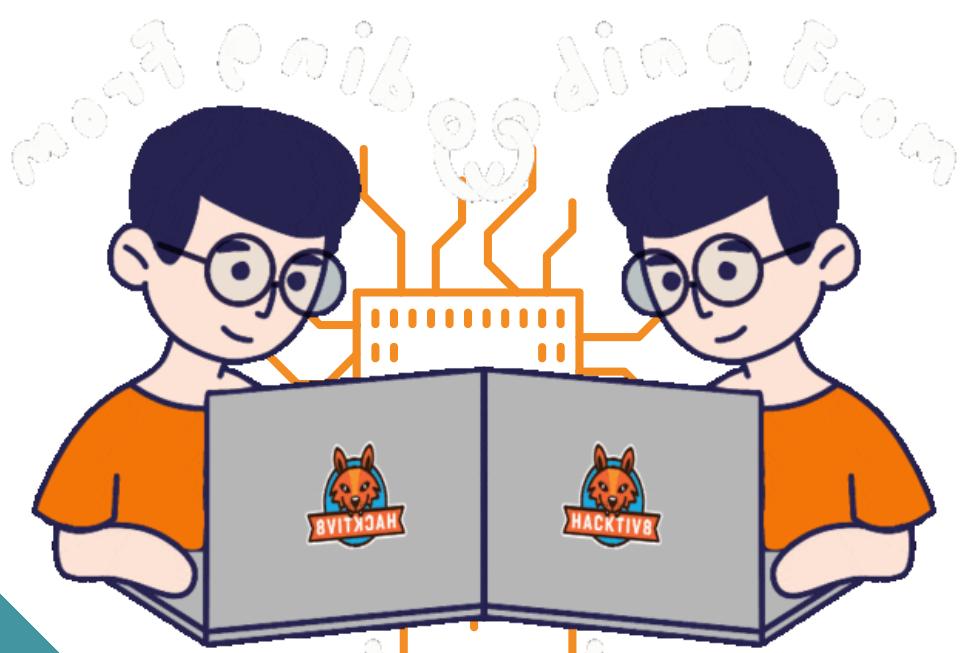




**SMART INDIA
HACKATHON
2024**



TheBlockHeads



Ministry/Organization Name/Student Innovation:
Government of Rajasthan

PS Code: 1632

Problem Statement Title: An Interactive Job and internship platform for Technical education department

Team Name: *TheBlockHeads*

Team Leader Name: Kushagra Kiyawat

Institute Name: Netaji Subhas University of Technology

Theme: Smart Education





SMART INDIA HACKATHON 2024

Team Member Details

Team Leader Name: **Kushagra Kiyawat**

Course: Btech Stream: CSE Year: 2

Team Member 1 Name: **Love Kumar**

Course: Btech Stream: CSE Year: 2

Team Member 2 Name: **Anshuman Garg**

Course: Btech Stream: CSE Year: 2

Team Member 3 Name: **Vatsal Veerwal**

Course: Btech Stream: CSE Year: 2

Team Member 4 Name: **Arrya Lohia**

Course: Btech Stream: CSE Year: 2

Team Member 5 Name: **Vivekanand Rai**

Course: Btech Stream: CSE Year: 2



Problem



The challenges faced by graduates in today's job market highlight several critical gaps in existing platforms:

1. Limited Access to Job Opportunities:

- Many platforms fail to offer comprehensive listings that cover the breadth of job opportunities available across the private sector, government sector, and international markets. This limits graduates' ability to explore and apply for diverse positions that match their qualifications and career aspirations.

2. Lack of Counseling and Guidance:

- Graduates often struggle with navigating their career paths due to insufficient access to counseling and guidance services. These resources are essential for helping them make informed decisions, prepare for interviews, and build the necessary skills for their desired careers.

3. Insufficient Support for Internships and Industrial Training:

- Internships and industrial training are crucial for gaining practical experience and improving employability. However, many platforms do not adequately support students in finding these opportunities, leaving a gap in their early career development.

Need of the Solution



This platform shall offer a holistic approach to job searching and career development. It focuses on:

- Advanced algorithms and AI-driven matchmaking through connecting job seekers with employers.
- Extensive access to job opportunities across various sectors and regions including Private sector, Government sector and Overseas Employment
- Counseling Services and Guidance Resources
- Emphasis on securing internships and industrial training opportunities.
- Mentorship Programs: Pairing with industry professionals for guidance



Proposed Solution

To address the challenges faced by graduates in the modern job market, we propose the development of a comprehensive and integrated platform that will:

1. Enhance Job Market Connectivity:

- Establish a robust and interactive platform that bridges the gap between job seekers and potential employers.
- Utilize advanced algorithms and AI to match candidates with suitable job opportunities based on their skills, qualifications, and preferences.

2. Expand Access to Opportunities:

- Provide a centralized portal offering exhaustive listings of job opportunities private sector, government sector and overseas employment opportunities
- Ensure that the platform is updated regularly with diverse and current job listings to maximize employment possibilities for job seekers.

3. Offer Comprehensive Critical Resources:

- Integrate a suite of resources tailored to job seekers, including professional counseling and career guidance services.
- Provide tools and resources for resume building, interview preparation, and job application processes.

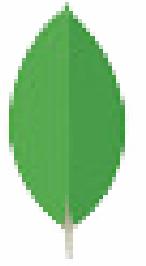
4. Improve Student Support:

- Implement dedicated sections for internships and industrial training opportunities to assist students in gaining practical experience.
- Offer mentoring and support services to guide students through the process of securing internships and navigating early career challenges. By implementing this comprehensive solution, the platform will significantly enhance graduates connectivity with potential employers, broaden their access to diverse job opportunities, and provide the critical resources and support needed to succeed in the modern job market

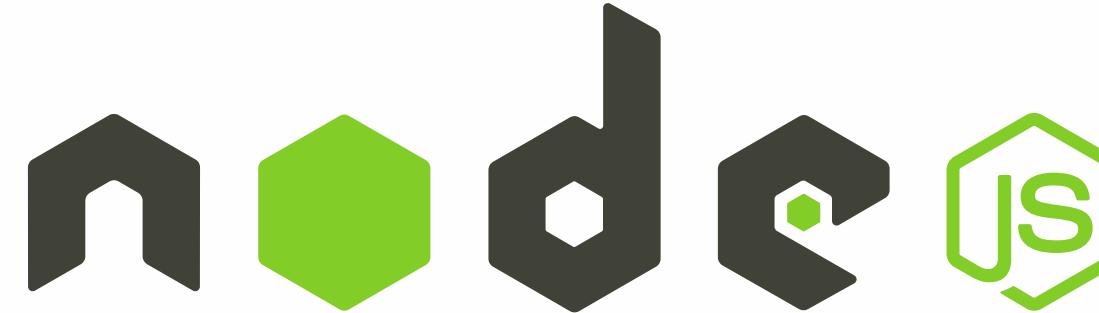


Tech Stack

~~NEXT~~.JS

 mongoDB

 HIGHCHARTS



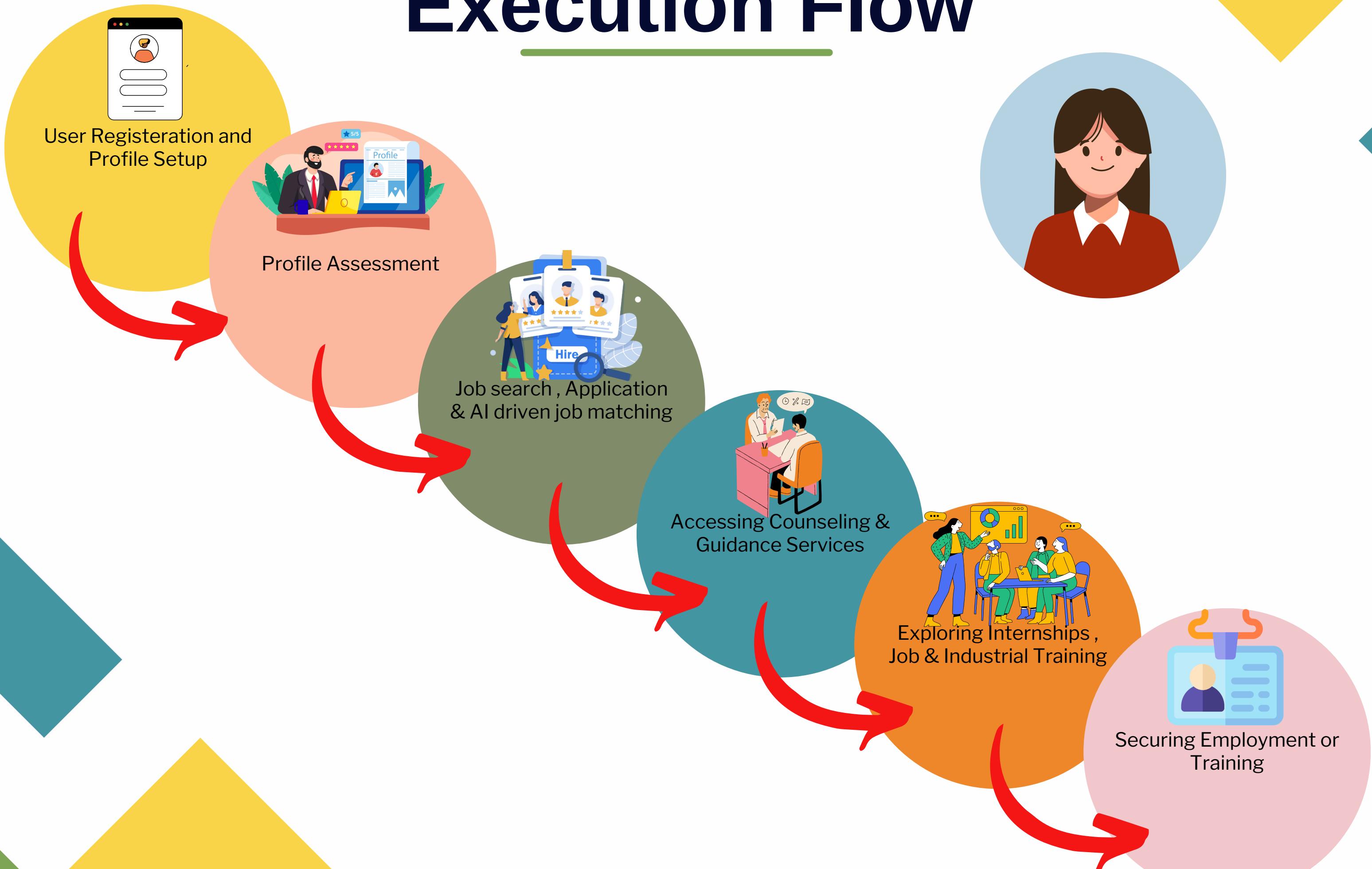
 NextAuth.js

 Mantine

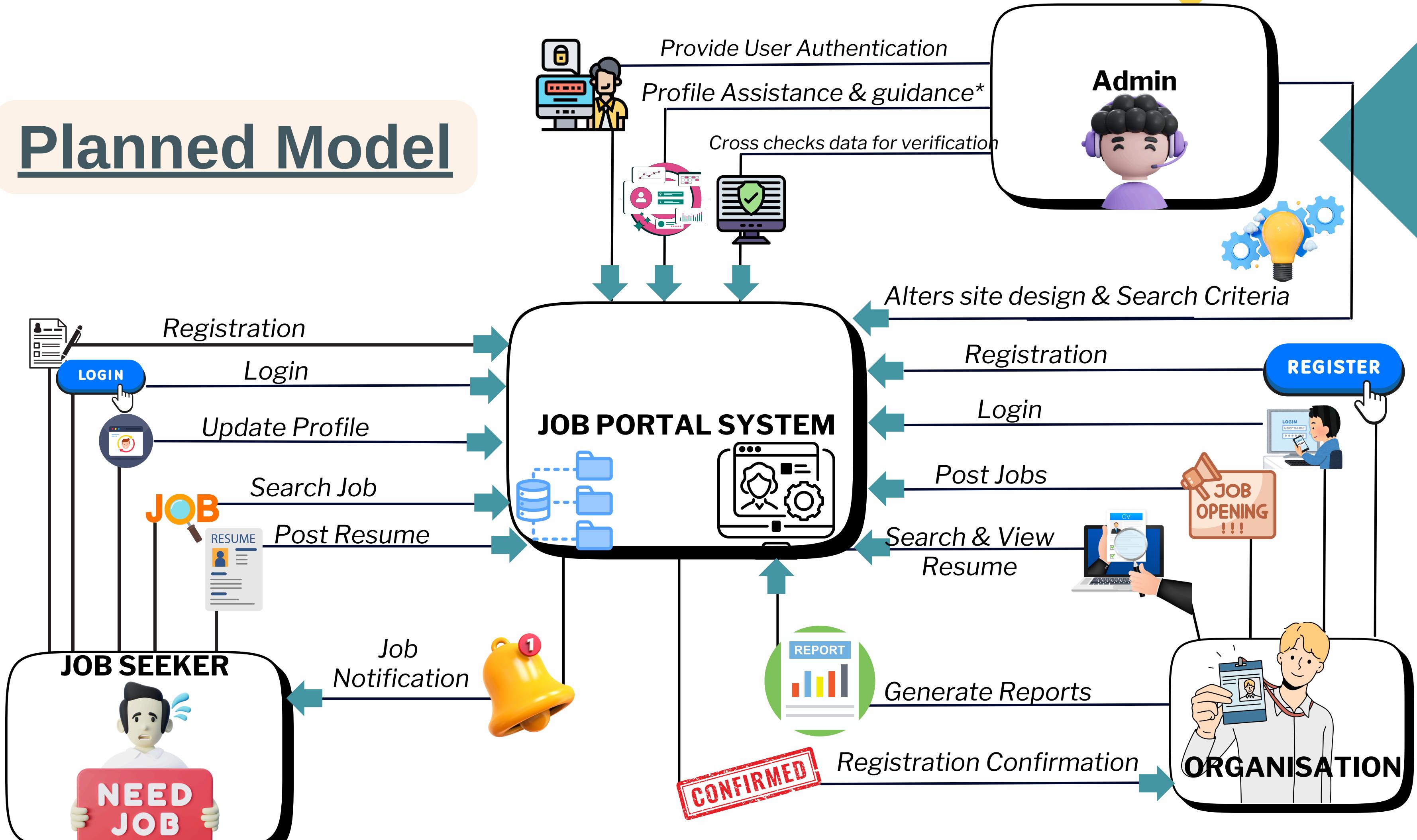
 Firebase

 aws

Execution Flow



Planned Model



Business Model

Revenue Streams:

1. Employer Listings: Charge companies for posting job openings and internships on the platform.
2. Premium Employer Features: Offer additional features like targeted candidate matching, branded company profiles, and analytics for a higher fee.
3. Candidate Premium Services: Offer resume-building, interview prep, and career coaching services to job seekers for a fee.
4. Advertising: Display relevant job-related ads on the platform.
5. Partnerships: Collaborate with educational institutions and career development organizations for co-branded offerings.

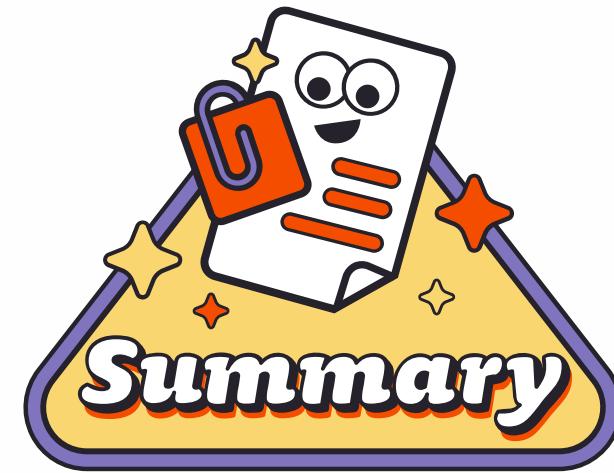


Activities:

1. Platform Development: Continuously improve and update the platform's features and user experience.
2. Marketing and Promotion: Attract employers and candidates through targeted marketing campaigns.
3. Customer Support: Provide excellent support to ensure user satisfaction.

Key Metrics:

1. User Engagement: Track time spent on the platform, page views, and feature usage.
2. Job Placement Rate: Monitor the number of successful job matches.
3. Customer Satisfaction: Regularly survey users to ensure satisfaction.



Summary

The proposed platform offers a comprehensive solution by:

- Providing a robust, AI-driven matchmaking system connecting job seekers with employers
- Offering extensive access to job opportunities across private, government, and overseas sectors
- Integrating counseling, guidance, and job application resources
- Supporting students with internship and industrial training opportunities, mentoring, and guidance
- Utilizing advanced algorithms to suggest job openings based on users' skills, qualifications, and preferences

This platform aims to bridge the gap between job seekers and employers, enhance job market connectivity, and provide critical resources and support for graduates to succeed in the modern job market.