

Job Application System

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Introduction

- A job application system for seamless interaction between freelancers and hirers. Features include job posting, application tracking, and role-based dashboards.
- Real-time updates on job openings, application statuses, and scheduled interviews.
- Notifications and email for improved communication between users.

Aims And Objectives

Aims:

- Empower Nepalese freelancers by connecting them with local remote jobs.
- Support the full job lifecycle including search, recruitment, tasks, and payments.

Objectives:

- Provide personalized job recommendations with filtering algorithms.
- Enable task monitoring, application tracking, and interview scheduling.
- Integrate secure payments via Stripe and eSewa/Khalti.
- Implement a review system to enhance trust and credibility.

Academic Questions

- How has the modern freelance approach impacted Nepali career landscape?
- Do Nepali freelancers have a localized platform that addresses barriers of trust with establishment and empowerment?

Testing Approaches

Unit Testing

Literature Review

Project/Paper	Findings	Conclusion
Job Crafter – The One-StopPlacement Portal	<ul style="list-style-type: none">• MERN stack used to automate job placement• Real-time data handling and notifications• Centralized database and user-centric design	<ul style="list-style-type: none">• Helps automate traditional placement procedures• Encourages use of intelligent matching algorithms
Advancing Project Management Methodologies: Jira	<ul style="list-style-type: none">• Jira improves task visibility and accountability• Features like Kanban/Scrum help manage task flows• Powerful analytics for productivity tracking	<ul style="list-style-type: none">• Shared task boards are vital for collaboration• Analytical tools improve team performance
Empirical Study on Improving Project Allocation	<ul style="list-style-type: none">• Poor communication and unclear project details hinder project matching• Employers value certifications over real experience	<ul style="list-style-type: none">• Recommend clear communication channels• Suggest automated project-matching features
Networking via LinkedIn	<ul style="list-style-type: none">• Active and passive engagement benefit career growth• Personality traits influence networking behavior	<ul style="list-style-type: none">• Professional profile management is essential• Job platforms should encourage both active and passive networking

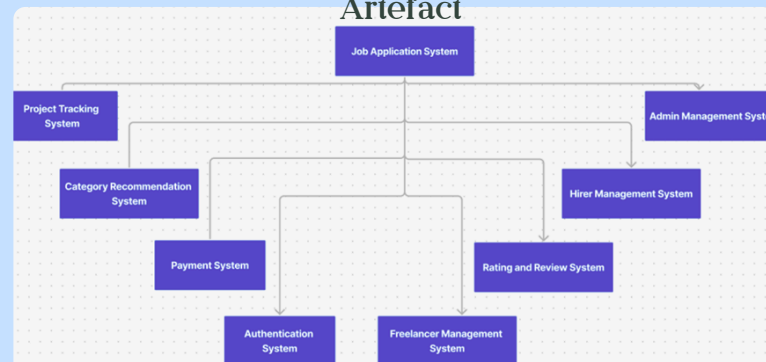
Project Process

- Topic selection and project research
- Requirement collection and documentation
- UML, ERD, and wireframe design
- Project setup and Git integration
- Sprint-based development (4 sprints)
- Meeting and supervisor feedback
- Core features: job post, tracking, scheduling, payment.
- Testing, bug fixing,
- Report writing and artefact submission

Evaluation/Reflection

- Gained confidence in handling a full project lifecycle independently
- Encountered challenges while integrating external tools like Google Calendar
- Maintained a consistent workflow through continuous planning and reflection
- At times, underestimated task durations, leading to last-minute pressure
- Strengthened research and documentation habits, improving overall project clarity

Artefact



Conclusion and Future Scope

Conclusion

- A secure platform connecting Nepali freelancers with local hirers.
- Offers role-based access, real-time tracking, and job recommendations.
- Improves productivity with task boards, ratings, and payment features.

Future Scope

- Advanced analytics and reporting for users
- Chat feature for real-time communication
- Mobile-friendly responsive version of the system