



Talent Hub: A Freelancing Website

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ABSTRACT

Talent Hub is a freelancing platform designed to connect freelancers and employers, streamlining job postings, applications, and transactions. This platform leverages Wix's built-in user management and Velo for authentication, role-based dashboards, and secure payment integrations. Key features include job and service listings, direct hiring, communication tools, and a rating system. The platform fosters a dynamic marketplace where skilled professionals can showcase their talents, and businesses can find qualified freelancers efficiently. Talent Hub enhances the freelancing ecosystem through automation, accessibility, and an intuitive interface.

Keywords: Freelancing, Talent Hub, Job Marketplace, Wix Velo, User Authentication, Payment Integration, Automation

1. INTRODUCTION

The rise of the gig economy has led to an increased demand for freelancing platforms that provide a seamless connection between freelancers and employers. Talent Hub aims to bridge this gap by offering a user-friendly interface with features such as job posting, service listing, secure transactions, and communication tools. By leveraging Wix's Velo and automation features, this platform ensures efficiency, security, and scalability. This paper explores the structural design, functionality, and benefits of Talent Hub.



2. STRUCTURAL DESIGN.

2.1 User Authentication & Dashboard

- **Login & Signup:** Custom authentication using Wix's built-in user management system.
- **User Roles:** Different dashboards for freelancers and employers.
- **Profile Management:** Users can update their skills, bio, and experience.

2.2 Job Listings & Applications

- **Job Posting:** Employers create job posts with details like budget, skills, and deadlines.
- **Job Applications:** Freelancers apply via a form submission system.
- **Search & Filtering:** Employers can search freelancers based on skills, ratings, and experience.

2.3 Gig/Service Listings

- **Freelancer Service Listings:** Freelancers can create fixed-price gigs.
- **Hire Directly from Gigs:** Employers can book services directly from freelancer profiles.

2.4 Communication & Notifications

- **Chat System:** Using Wix Chat or an external API like Tidio for real-time messaging.
- **Email & Push Notifications:** Wix Automations send job updates, interview requests, etc.

2.5 Payment & Transactions

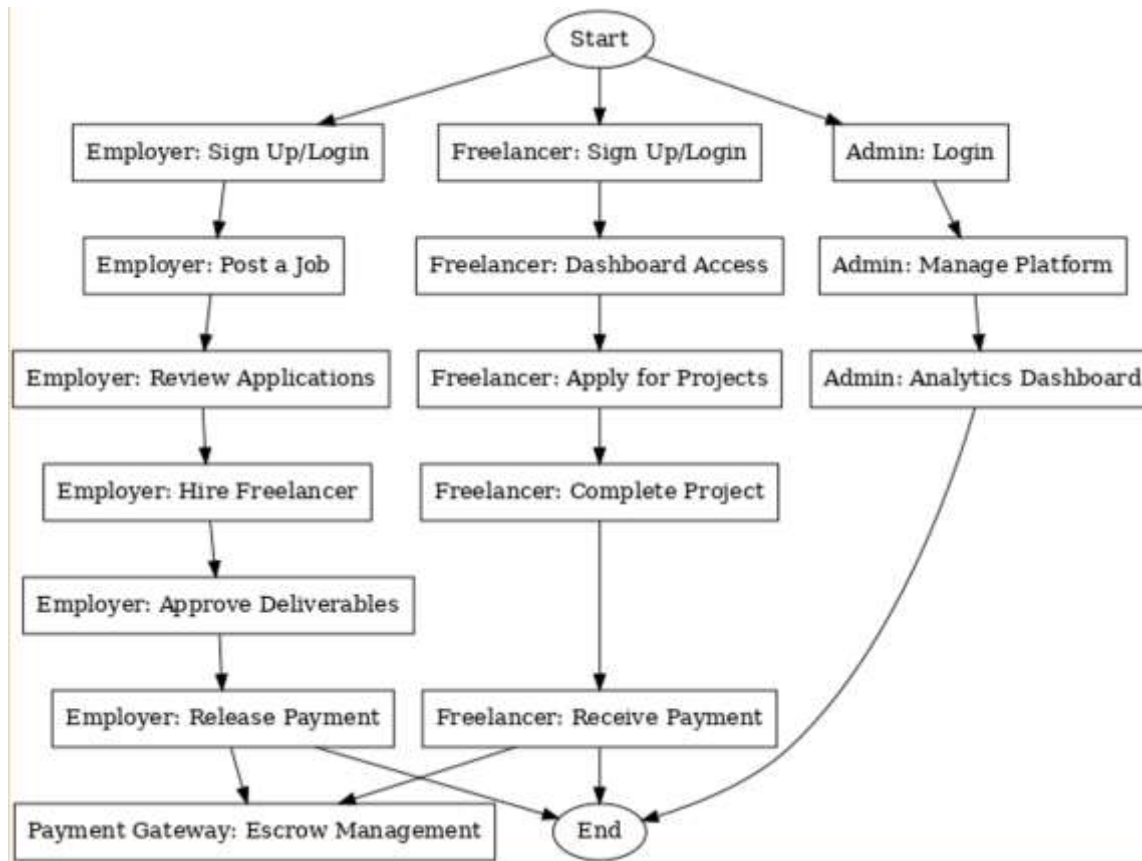
- **Payment Integration:** Wix Payments, PayPal, Stripe, or Razorpay for secure transactions.
- **Subscription Plans:** Premium job listings for employers, featured profiles for freelancers.

2.6 Reviews & Ratings

- **Freelancer Ratings:** Employers can rate and review freelancers.
- **Employer Ratings:** Freelancers can rate and review clients for transparency.

2.7 Blog & Community Forum

- **Freelancing Tips Blog:** Using Wix Blog for content marketing and SEO.
- **Discussion Forum:** A community space for freelancers and employers.



3. LITERATURE REVIEW

The gig economy has experienced significant growth in recent years, with freelancing platforms becoming essential for connecting skilled professionals with businesses. Various studies have explored key aspects of these platforms, including job matchmaking efficiency, user authentication, and secure payment mechanisms. Automated job placement systems have been identified as a crucial factor in reducing manual efforts and streamlining the connection between employers and job seekers. Online job portals play a vital role in bridging the gap between industry demands and available talent, making employment opportunities more accessible. Leading freelancing platforms have established industry standards by incorporating advanced job search filters, skill-based matching algorithms, and secure financial transaction systems. Key features that enhance user trust in freelancing websites include robust authentication processes, rating and review mechanisms, and secure payment gateways. Interactive dashboards, AI-powered job recommendations, and community forums contribute to improved user engagement and overall platform efficiency. Despite their benefits, freelancing platforms also present challenges such as unreliable rating systems, delayed payments, and limited direct communication between freelancers and employers. These issues can impact the overall user experience, financial stability, and job satisfaction of freelancers.

The **Talent Hub** freelancing platform aims to address these gaps by integrating essential features such as user authentication, job postings, direct service bookings, real-time messaging, and automated payment transactions. With Wix Velo for backend development and Wix Payments for financial processing, the system ensures a user-friendly and secure experience for both freelancers and employers. By combining best practices from existing platforms and leveraging modern web technologies, this research contributes to the development of a streamlined, efficient, and trustworthy freelancing marketplace, facilitating seamless collaboration between talent and businesses.



4. CASE STUDY

4.1 Project Goals

- Develop a centralized platform for freelancers and employers.
- Simplify the hiring process through automation and filtering options.
- Provide a secure transaction system for payments.

4.2 System Features

Freelancer (Job Seeker) Module:

- **Profile Creation:** Freelancers can create and update their profiles, including skills, experience, and portfolio.
- **Job Applications:** Freelancers can browse and apply for job listings posted by employers.
- **Gig Services:** Option to create service-based gigs that employers can directly hire for.
- **Messaging System:** Freelancers can communicate with employers through a built-in chat feature.
- **Earnings & Withdrawals:** Freelancers can track earnings and withdraw payments securely.

Employer Module:

- **Job Posting:** Employers can post job vacancies with detailed descriptions, skills required, and budget.
- **Freelancer Search & Filtering:** Employers can search for freelancers based on expertise, experience, and ratings.
- **Interview Scheduling:** Employers can schedule interviews with shortlisted freelancers.
- **Project Management:** Employers can track project progress, approve milestones, and release payments.
- **Payment & Invoicing:** Employers can make secure payments for completed work and receive invoices.

Administrator Module:

- **User Management:** Admins can monitor and verify freelancer and employer accounts.
- **Security Oversight:** Ensures data security, prevents fraudulent activities, and manages disputes.
- **Analytics & Reports:** Tracks job postings, freelancer engagement, and transaction records.
- **Platform Maintenance:** Manages website functionality, updates, and bug fixes.

4.3 Development Process

- **Programming Language:** JavaScript (Wix Velo) for backend development.
- **Database Management:** Wix Cloud Databases to store user, job, and transaction data.
- **Testing & Deployment:** Beta testing with freelancers and employers before full-scale deployment.

5. CONCLUSION

Talent Hub is an efficient and scalable freelancing platform that streamlines the job-seeking and hiring process. By leveraging Wix Velo, secure payment integrations, and an intuitive dashboard system, this platform simplifies freelancing opportunities. The project showcases how automation, seamless UI/UX, and database-driven applications enhance the freelancing ecosystem. Future enhancements may include AI-driven job recommendations, escrow payment security, and advanced analytics.

6. REFERENCES

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"TALENT HUB: A FREELANCING WEBSITE" *International Research Journal of Modernization in Engineering Technology and Science*. (2023) Volume:05/Issue:04/April-2023.