A Joblink Website Connecting Recruiters and Job Seekers

Nguyễn Thị Huê
Thai Nguyen University of Information and Communication Technology
Thai Nguyen University, Thai Nguyen, Vietnam
student651@ictu.edu.vn

***Abstract*—This undergraduate thesis develops a Joblink-style website connecting employers and job seekers. The source manuscript specifies employer accounts, company profiles, job posting and editing, applicant management, job search, saved jobs, applications, service packages, news, and administrative content management. It discusses PHP, Laravel, MySQL, and web interface technologies and presents use-case, activity, and sequence diagrams. The implementation chapter shows screens for public job listings, employer management, job-seeker accounts, applications, and an administrator dashboard. The author reports completion of a basic recruitment platform while identifying incomplete features and the need to improve scalability, interaction, security, and performance. The evidence is a design and interface demonstration; no independent user study, hiring-outcome evaluation, or security audit is reported. This summary presents the documented prototype and its limits without claiming measured recruitment effectiveness.**

***Index Terms*—job portal, recruitment, job search, Laravel, web application**

I. Introduction

Recruiters need a place to announce positions and review applicants, while job seekers need a way to find suitable openings and submit applications. This thesis addresses both sides through a website that links company profiles and vacancies to seeker accounts. Its source explains common web technologies, role-specific requirements, and the need for job search and application workflows. The project also includes news, paid service packages, and administrative controls. This summary focuses on functions demonstrated or described in the manuscript and avoids treating the author's stated benefits as measured labor-market outcomes [1]. Earlier ICTU student work on related designs is included here for context [2], [3], [4], [5], [6], [7], [8]. Published technical books provide background for the methods discussed in this summary [9], [10], [11]. These contextual works were selected for this English summary; they are not asserted to appear in the original thesis bibliography.

II. Methods

The student analyzes three principal roles: job seeker, recruiter, and administrator. The report describes requirements and use cases for registration, login, vacancy search, application submission, saved jobs, company information, posting management, candidate management, service packages, and content administration. Activity and sequence diagrams model the interactions. The technology review covers HTML, CSS, JavaScript, PHP, Laravel, and a MySQL-based web environment. The summary examines the manuscript's diagrams, screen descriptions, conclusion, and bibliography. It does not infer that all drawn workflows passed a formal test suite or served real users [1].

III. Results

The implementation chapter includes screen descriptions for the home and vacancy pages, job details, company listings, employer registration and dashboard, posting and candidate management, seeker registration and profile, saved and submitted applications, a chat page, and administrative management screens. The conclusion states that the student built a website allowing recruiters to post jobs and seekers to search and apply. This is evidence of a substantial interface prototype with role-specific pages. The report does not provide numbers of active employers, applicants, placements, completed transactions, or independent tests of privacy and uptime [1].

IV. Discussion

The breadth of screens makes the project more than a static vacancy listing, but a screen alone cannot establish reliable end-to-end hiring workflow. The author acknowledges unfinished functions and identifies scalability, interaction, data security, and performance as areas for improvement. Job applications and company information require particular attention to authorization, personal-data handling, and validation. Future work should test account and application flows with defined cases, verify access controls, and evaluate usability with actual employers and seekers. Claims of effective matching or hiring impact would require separate outcome data absent from the manuscript [1].

V. Conclusion

Nguyễn Thị Huê documents a Joblink-style recruitment website with employer, job-seeker, and administrator functions. The source includes requirements, interaction diagrams, and interface descriptions for vacancy posting, search, applications, candidate management, and related content. The manuscript reports a working basic platform and acknowledges incomplete features and operational limitations. Its

Supervisor: Dương Thúy Hường, Thai Nguyen University of Information and Communication Technology (dthuong@ictu.edu.vn).

documented contribution is a student web prototype, not a measured improvement in recruitment outcomes. Further engineering and user testing should focus on the complete application path, security, performance, and maintainability before broader deployment claims are made [1].

References

[1] Nguyễn Thị Huê, ”A Joblink Website Connecting Recruiters and Job Seekers,” internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2024.

[2] ICTU Student 63, ”Investigation and Construction of a Job Information Website for the Employment Introduction Center of Thai Binh Province,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2008.

[3] ICTU Student 113, ”Application of Servlets, JSP, and JavaBeans in Building an Online Job Recruitment and Job Search System,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2009.

[4] ICTU Student 145, ”Construction of a Website for Promoting and Distributing Software Products,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2009.

[5] ICTU Student 213, ”Online Sales Support System for Phuong Dong Culture and Media Joint Stock Company,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2010.

[6] Nguyễn Thị Hương, ”Construction of an Online Sales Website for ECOMVIET E-commerce Development Center,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2013.

[7] Trần Văn Khanh, ”Construction of a Furniture E-commerce Website for a Store in Vinh Phuc Using Laravel Framework,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2022.

[8] Nguyễn Văn Thời, ”Application of Laravel Framework to Build an E-commerce Website for T&T Mobile Store,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.

[9] M. Stauffer, Laravel: Up & Running, 3rd ed. O’Reilly Media, 2023. ISBN 9781098153250.

[10] R. Nixon, Learning PHP, MySQL & JavaScript, 6th ed. O’Reilly Media, 2021. ISBN 9781492093817.

[11] J. Duckett, HTML and CSS: Design and Build Websites. Wiley, 2011. ISBN 9781118008188.