

COMP1682

**A PROPOSAL OF WEB
APPLICATION DEVELOPMENT
FOR
VIGGA – ONLINE RECRUITMENT WEBSITE**

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1 Overview

CV stands for "Curriculum Vitae". This is a summary of information about the candidate's education, work experience, and skills related to the job that the candidate wants to apply for (Smith J., 2021). Usually, a position will have a lot of applications. Employers do not have enough time or human resources to interview each person, so a CV will help them eliminate unsuitable candidates. Along with the great development of technology, online job searches and recruitment activities have become popular. Candidates will submit CVs on technology platforms, and at the same time, businesses will use that technology platform to find potential candidates. Therefore, online CV templates are favored by many candidates because they have greatly supported the job application process. Through online recruitment, businesses can easily access many candidates who are suitable for each job position. Therefore, recruitment websites are going to be useful tools for both recruitment companies and candidates looking for the right job.

In this project, I will go into detail about the process of making a website that allows users to seek jobs, offers a CV generation option (with customizable templates), and handles payroll for users. For recruitment companies, the web will provide them with a free job posting function on the website. In addition, the website also provides employers with a candidate search function, so employers can search for candidates matching specific criteria, view candidate profiles, and contact directly to invite interviews. HTML5, CSS, Javascript, and NodeJS are the most modern and practical languages to build this web application. This website will help candidates create an online CV quickly and easily and select and search for job postings according to criteria such as region, field, salary, etc. Moreover, the web is constantly updated with information about new jobs, and information posted on the web ensures credibility. In addition, users can save relevant jobs to facilitate filtering of selected or applied jobs.

2 Aim

This project aims to develop a website to help businesses reach many suitable candidates. At the same time, this website also helps users search for jobs quickly, and it also provides a professional online CV template that helps users fill out and adjust information easily.

3 Main objectives

3.1. Get knowledge about recruiting web application

3.1.1 Examine the fundamental classifications, definitions, and coding of recruiting web applications [2.0]

3.1.2 Examine the features and architecture of web applications [3.0]

3.1.3 Assessment of comparable recruiting website applications [2.0]

3.2. Research of recruitment web application technology

3.2.1 Investigate web application software technologies [1.0]

3.2.2 Study on specific technologies (NodeJS, HBS, SCSS, JavaScript) [7 .0]

3.2.3 Local storage evaluation of the recruiting website [5 .0]

3.2.4 Study unique characteristics [14.0]

3.3. Review of the NodeJS web application tool

3.3.1 Investigation and Assessment of NodeJS [2 .0]

3.3.2 Examining NodeJS web application development [10 .0]

3.3.3 Investigate and select an appropriate NodeJS engine that contributes to a Handlebars application [3 .0]

3.3.4 Examine the properties and use techniques of the chosen JavaScript engines with care. [7.0]

3.4. Web Application Installation

3.4.1 Develop Web Application Theories and Methodologies [7 .0]

3.4.2 Web application design functionality [14.0]

3.4.3 Developing web application user interfaces [5 .0]

3.4.4 Web application development for recruitment [3.0]

3.4.5 Diagnose and correct web application errors [7 .0]

4 Legal, Social, Ethical and Professional

Legal:

- The materials used in my project will come from the University of Greenwich's online library and reputable sources.
- This project is accepted by the University of Greenwich.

Society:

- The website is not related to social evils and verbal violence

morality:

- This project is my team's research and development.
- The project is not copied and plagiarized

Professional:

- Non-disclosure disclosure to unsuitable persons and safeguards to ensure the accuracy of data are also included in the privacy problem.
- Appreciate and cherish opposing viewpoints, and accept sincere feedback on my work.
- Avoid any circumstance that might result in a conflict of interest between myself and the concerned agency.
- Avoid unlawfully copying and reproducing software.

5 Planning

A project planner in Excel format is utilized to monitor the project's progression.

(See appendix A)

6 References

Ashushrma (2020) Ethical issues in information technology (IT), GeeksforGeeks. GeeksforGeeks. Available at: <https://www.geeksforgeeks.org/ethical-issues-in-information-technology-it/> (Accessed: March 16, 2023).

Smith, W.by J. (no date) How to write a CV, Prospects.ac.uk. Available at: <https://www.prospects.ac.uk/careers-advice/cvs-and-cover-letters/how-to-write-a-cv> (Accessed: March 16, 2023).

APPENDIX

Schedule of Work

