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ABSTRACT

This report outlines the development of a Job Application Tracker, a web-based application aimed at helping users manage their job applications. The system allows users to track various details such as the company name, role applied for, application status, and the date of application. The platform provides features such as searching, filtering by status, dark mode, and visual progress tracking. This report provides an overview of the motivation behind creating the system, a review of the existing solutions, and a detailed description of the proposed methodology. The application is designed to be user-friendly, efficient, and adaptable to different user preferences.

List of Figures

- Figure 1: Application Architecture Diagram
 - Figure 2: Job Application Tracker User Interface
-

List of Tables

- Table 1: Application Status and Progress Mapping
 - Table 2: Comparison of Features in Existing Systems
-

1. INTRODUCTION

1.1. Problem Statement – Overview

Job seekers often struggle to manage and track their job applications, leading to missed opportunities and confusion regarding the status of various applications. A dedicated system to track these applications can streamline this process and provide an efficient way for users to stay on top of their job search.

1.2. Motivation

The motivation behind creating the Job Application Tracker stems from personal experience with job applications and the difficulty in tracking multiple applications across various stages. The goal is to create a solution that simplifies the process, providing users with easy access to all the information they need in one place.

1.3. Scope & Objectives of the Proposed Work

The main objectives of the project are:

- To develop a user-friendly platform for tracking job applications.
- To implement features such as dark mode, search, filter, and progress tracking.
- To ensure the application is scalable and adaptable to various user preferences.
- To use web technologies that ensure smooth performance and accessibility across devices.

1.4. Organization of the Report

The report is structured as follows:

- **Section 2:** Literature Survey
 - **Section 3:** Existing Systems
 - **Section 4:** Proposed Methodology
 - **Section 5:** Future Scope
 - **Section 6:** References
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2. LITERATURE SURVEY

Several tools and applications exist to track job applications. However, most of them are not tailored for individual needs and lack features such as progress tracking or dark mode. Tools like Trello, JobHero, and LinkedIn's application manager offer some level of job application management, but none of these integrate all necessary features in one platform.

3. EXISTING SYSTEM

3.1. Methodology

Existing systems use basic tabular data for tracking job applications, with features like status updates and comments. However, they fail to provide detailed insights into the progress of each application or allow easy filtering based on status or date.

3.2. Dataset Description

The Job Application Tracker utilizes user-inputted data such as company name, role, date applied, and application status. This information is stored in the browser's local storage for easy access and management.

3.3. Results and Limitations

The existing systems provide basic features but lack user-specific customization. Moreover, there is no unified tool that combines all necessary features such as filtering, progress bars, and user preferences in one platform.

4. PROPOSED METHODOLOGY

4.1. Architecture

The proposed architecture consists of a front-end built using HTML, CSS, and JavaScript, allowing for user interactions. The data is stored locally within the browser, ensuring fast access. The design is responsive, ensuring that the application works seamlessly on different screen sizes.

4.2. Summary

The proposed methodology includes the development of a system that offers intuitive data entry, filtering, searching, and progress tracking. The system will be simple to use while providing users with all the necessary tools to manage their job applications effectively.

5. FUTURE SCOPE

The future scope of this project includes the addition of features such as:

- Integration with third-party job boards for automatic application tracking.
 - Mobile application version for better accessibility.
 - Advanced analytics for job search performance.
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6. REFERENCES

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