ABSTRACT

The Online Job Portal is a web-based application developed using PHP, MySQL, HTML, CSS, and JavaScript. It provides a platform for job seekers to apply for jobs, maintain their profiles, and attend online exams, while companies can post jobs, manage applicants, and conduct exams. The admin has full control over the portal, including management of users, companies, complaints, job categories, and technical skills. This project simplifies the recruitment process by connecting job seekers and companies under a single digital platform, reducing paperwork and time. It includes modules for user registration, company verification, job posting, job application, and exam management.

1. INTRODUCTION

The Online Job Portal system is designed to automate the process of job recruitment. Traditional job searching methods require physical applications and advertisements, which are time-consuming and inefficient. This project provides a digital platform for job seekers and companies. 1.1 About the Technology The project is developed using PHP for the server-side logic, MySQL for the backend database, and HTML/CSS/JavaScript for the frontend. It follows a modular structure with separate dashboards for Admin, Company, and User. 1.2 About the Project The system has three main actors: - Admin: Manages companies, users, jobs, complaints, and exams. - Company: Posts jobs, manages applicants, conducts exams, and reviews candidates. - User: Registers, updates profile, applies for jobs, attends exams, and tracks applications.

2. SYSTEM STUDY

2.1 Existing System The existing recruitment process relies heavily on manual operations, advertisements, and third-party agencies. This consumes more time, involves paperwork, and lacks transparency. 2.2 Proposed System The proposed system automates recruitment through an online platform, enabling: - Centralized management of job posts and applications. - Quick search and filtering of jobs. - Online exams for applicant evaluation. - Complaint management for transparency. 2.3 Advantages - Saves time and reduces paperwork. - Increases transparency between users, companies, and admin. - Improves job matching accuracy.

3. SOFTWARE REQUIREMENT SPECIFICATIONS

3.1 Operating System: Windows / Linux 3.2 Front End: PHP, HTML, CSS, JavaScript 3.3 Back End: MySQL (MariaDB) 3.4 Server: Apache (XAMPP / WAMP) 3.5 Hardware Requirements: - Processor: Intel i3 or above - RAM: 4GB minimum - Hard Disk: 250GB minimum

4. SYSTEM DESIGN

4.1 Basic Modules - Admin Module: Manages all portal activities including users, companies, jobs, complaints, and exams. - Company Module: Manages job postings, applicants, exams, and profile updates. - User Module: Manages profile, job applications, exams, and complaints. 4.2 Database Design The database consists of multiple tables: tbl_user, tbl_company, tbl_admin, tbl_jobpost, tbl_application, tbl_exam, tbl_question, tbl_option, tbl_complaint, tbl_language, tbl_qualification, tbl_technicalskill, and mapping tables for relationships.

Field Name	Data Type	Description	Constraint
user_id	int(11)	Unique ID for user	PK
user_name	varchar(30)	Name of user	
user_email	varchar(50)	Email ID	Unique
user_password	varchar(50)	Password	

5. CODING & TESTING

Coding is done using PHP and tested in XAMPP server with MySQL backend. Testing strategies used: - Unit Testing: Each module tested separately. - Integration Testing: Ensures proper data flow between modules. - System Testing: Overall system validation. - User Acceptance Testing: Verifies usability for users, companies, and admin.

6. IMPLEMENTATION & MAINTENANCE

The system is deployed on a local server using XAMPP. Future deployment can be on a cloud server for scalability. Maintenance includes regular database backups, software updates, and monitoring security vulnerabilities.

7. CONCLUSION & FUTURE ENHANCEMENT

The Online Job Portal effectively bridges the gap between job seekers and companies. It reduces manual effort, improves transparency, and simplifies recruitment. Future Enhancements: - Mobile application for Android/iOS. - AI-based job recommendations. - Resume parsing and automatic skill matching. - Integration with third-party job portals and LinkedIn.

8. BIBLIOGRAPHY

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