

Software Requirements Specification (SRS)

Project Title: Recruitment Manager Web Site

Client: Gampaha Wickramarachchi University of Indigenous Medicine, Sri Lanka.

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1. Introduction

1.1 Purpose

The purpose of this document is to outline the Software Requirements Specification (SRS) for the Recruitment Manager Web System developed for Gampaha Wickramarachchi University of Indigenous Medicine, Sri Lanka.. This system facilitates the management of recruitment processes including job vacancy postings, application submissions, status tracking, and user management.

1.2 Scope

This web-based system will:

- Allow job-seekers to register, view, and apply for academic and non-academic vacancies
- Provide Admins the ability to manage vacancies and review applications
- Provide Super Admins full control over Admin and user accounts
- Include system-level automation for job status management

1.3 Definitions

- **Job-seeker/User:** External individual who can apply for job vacancies
 - **Admin:** University staff who manage job vacancies and review applications
 - **Super Admin:** Administrator with the highest level of control, including user and admin management
 - **Application Status:** Workflow stages such as New, In Reviewing, Call for Interview, Hired
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2. Functional Requirements

2.1 User (Job-seeker) Functions

- Register and log in to the system
- View and filter job vacancies by department, type (academic/non-academic), date, and level
- View detailed job descriptions
- Apply for jobs via an online form
- Download completed application in a printable format
- View application status

2.2 Admin Functions

- Secure login for authorized personnel
- Post new job vacancies with details and expiry date
- Automatically change job status based on expiry date
- View and filter applicant data by NIC, date, department, academic type, or job ID
- Update applicant statuses (e.g., New, In Reviewing, Call for Interview, Hired)

2.3 Super Admin Functions

- Manage Admin accounts (create, update, delete)
- Manage Job-seeker accounts (suspend, activate, delete)

2.4 System Functions

- Automated closure of expired job vacancies
 - Application form printing and formatting for job-seekers
 - Data validation and security handling for input fields
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3. Non-Functional Requirements

3.1 Usability

- Simple and intuitive user interface
- Mobile responsive design

3.2 Security

- Password hashing for user credentials
- Role-based access control (User, Admin, Super Admin)

3.3 Performance

- Efficient database operations for filtering and status updates
- Fast load times for vacancy listings

3.4 Reliability

- The system should be available 99% of the time
- Scheduled database backups

3.5 Maintainability

- Modular code structure for easy updates
 - Admin panel to handle configuration and user management
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4. System Architecture Overview

- Frontend: HTML, CSS, JavaScript
 - Backend: Node - Express.js
 - Database: MySQL
 - Hosting: XAMPP (Development Environment)
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5. Assumptions and Constraints

- All users will have access to a web browser
 - System is deployed in a local or university server environment
 - Only Super Admins can manage other users
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