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Candidate Application Form Module

**Documentation**

# SUMMARY

The **Candidate Application Form** module is a key part of the job application process. It allows candidates to provide detailed information about their qualifications, experience, and skills for a selected job role. The module ensures that all relevant data is collected systematically and securely stored in the applicant's database for further processing by the HR team.

# SCOPE

* Display of a structured form with the following fields:
  + Personal Information: Name, Email, Contact Number, Address.
  + Professional Details: Skills, Highest Education, Experience, Certifications.
  + Resume Upload: A file upload option for the candidate's resume.
* Form validation for required fields and proper formats (e.g., valid email, acceptable resume format).
* Two buttons for action:
  + **Apply:** Submits the form and saves data to the database.
  + **Cancel:** Clears the form or redirects the candidate to the previous page.
* Notification of successful submission or error messages for failed submissions.
* Secure storage of candidate data in the applicant database.

# PROPOSED PROCESS

**1. Candidate Accesses Form:**

* The candidate clicks the "Apply" button on the Job Details page and is redirected to the Candidate Application Form.

**2. Form Completion:**

* The candidate fills in all required fields and uploads their resume.

**3. Validation and Submission:**

* The system validates the entered data and file format for the resume.
* On successful validation, the form is submitted, and the data is securely stored in the applicant database.

**4. Feedback:**

* The candidate receives a confirmation message upon successful submission.
* If the submission fails (e.g., due to missing fields or server issues), an error message is displayed.

**5. Cancel Action:**

* If the candidate chooses to cancel, the form is cleared, or they are redirected back to the Job Details page.

# FEATURES

| **Requirement ID** | **Requirement** | **Description** |
| --- | --- | --- |
| FR1 | Display detailed information for the selected job. | Job Title, Full Job Description, Skills Required, Number of Vacancies, Required Experience, and Location are displayed. |
| FR2 | Fetch job details dynamically using Job ID. | The job details page loads information specific to the selected Job ID without errors. |
| FR3 | Provide a **Back** button for navigation to Job Listings. | Clicking the **Back** button redirects the user to the Job Listings page. |
| FR4 | Provide an **Apply** button for navigation to the Job Application Form. | Clicking the **Apply** button redirects the user to the Job Application Form. |
| FR5 | Handle errors if job details are not available. | An error message, such as "This job posting is no longer available," is displayed if data retrieval fails. |
| FR6 | Display content in a clean, readable format. | Job details are structured and easy to read, ensuring a user-friendly design. |
| FR7 | Secure access to job details. | Only approved and published job details can be accessed; unauthorized access is prevented. |
| FR8 | Ensure seamless navigation between pages. | Page transitions (e.g., **Back** or **Apply**) occur without noticeable delays. |
| FR9 | Optimize performance for job detail loading. | Job details load within 2 seconds of page access. |

# QUALITY CONTROL

**Performance:**

* The module should load job details within 2 seconds.
* Navigation buttons (Apply, Back) should respond instantly to clicks.

**Scalability:**

* Support concurrent access by up to 1,000 candidates without performance degradation.

**Compatibility:**

* The module should be compatible with major browsers (Chrome, Firefox, Safari, Edge) and responsive on devices (mobile, tablet, desktop).

**User Experience:**

* Ensure the information is displayed in a structured and readable format.
* Highlight key job details, such as title and skills required.

**Accessibility:**

* The module should comply with accessibility standards (e.g., WCAG 2.1).
* Include proper semantic HTML for screen reader support.

**Security:**

* Ensure secure communication between frontend and backend using HTTPS.
* Validate the Job ID to prevent unauthorized data access.