INDIRA COLLEGE OF COMMERCE AND SCIENCE

Class:

BSc. Computer Science, Div A and C

Project Name:

Resume Maker WebApp

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Study of Existing System:

Currently there are numerous websites and applications for creation of resumes, but they are time consuming and inefficient in terms of user convenience. Many systems do not follow standardized practices for data management, and even lack in providing intact templates. Sometimes predefined fields are missing, which makes it difficult for a 1st time user to have a brief about field to be in his/her resume. The templates are often dull and alike. Also, the system lacks consistency, and has defined their own way of compelling templates. No current existing systems have module for user document upload and sharing, which would make it easier for reviewers to have an insight of truthfulness of mentioned degrees or certifications.

Problem Statement:

- Unstructured, fuzzy, and static templates are being provided by most of the systems, and they lack easiness and is hassled, in terms of resume creation or modification.
- Some websites fail to provide dynamic templates, and even if the template is dynamic the template style and structure is not up to user satisfaction.
- Few systems hold restrictions over templates, from users to use it, certain conditions are requested in terms to use those templates.
- Many websites take in user time and resources, and at the very end, the user is requested to pay and download the resume; resumes are not an everyday requirement, hence charging for resume is not viable.
- Many sites spam users, by sending customized emails for unnecessary advertisement and offers.
- The current system lacks easiness and is not time oriented, the time may vary from 2hr to 4hr for building a resume, which is absurd and irritating.
- Many systems do not have user verification, which is not a standardized way, users for such system lose their template and data for next time use.
- Few systems allow changes and modifications to be made only directly into the template, this makes it difficult to hold information and make changes-changing font, style, aligning, etc.
- Few systems have predefined models for inputting information, and these fields are strictly followed in templates, hence sometimes when user cannot

provide for such field, or he/she does not want to, then the template cannot fill in the field and a block of whitespace is logged in to the template.

- No module for document uploading and sharing, for having a trust for user certification or degree
- In a concise overview we can say that the current system is difficult to perceive, not user oriented, time-consuming, not consistent, not ambitious, and ambiguous to unstructured resume model.

Scope of the Proposed System:

The Project would consider providing remarkable resumes with ease, and user convince. The WebApp makes it easy and convenient for users to create their own resumes in less time, less hassled way, and to modify them. User registration is with email verification; email verification makes activities like login, forget password to be handled with user convenience, also email verification restricts unregistered user traffic (one user per email). Predefined input fields (education, projects...) will make it easier to input information. The module in the project includes providing easy, dynamic, standardized resume templates with less creation/modification time for free which will be user content oriented (modifiable according to user information). The QRCode and Doc-link make it easier to check the user documents [a link that redirects to a page where all user documents are uploaded]. The user will allow access to people he/she wishes to check his/her documents. The admin panel makes administrative process and database management easy for administrative personnel. The QRCode creates easy intervention into document checking process for "printed doc-type resume" as well as Doc-link help intervention for the same as "pdf-clickable link."

hardware and software requirements:

Hardware:

CPU with 2Ghz processor

ROM 500gb-1Tb or above

RAM 4gb or above

Monitor with 1080p resolution

Mouse, Keyboard

Software:

Linux Operating system

PostgreSQL Database

Python v3.10 or above

HTML 5

CSS

Java Script

NGINX server

Users:

12Th pass out student

Diploma students

Graduates

Postgraduates

Company executives

Modules:

- New User registration with email verification
- Login with registered email id
- Forget password/change password to be handled with dynamic link on email
- Home page reviews different templates in which resume can be initiated
- Predefined fields make it easy to set up resume structure
- These fields can also be used for making a modification
- Custom fields can be added in these fields model
- All the resumes will be downloadable in pdf formal for free

- The QRCode and Doc-link [a link that redirects to a page where user documents are available] at bottom of resumes, help to check user documents
- Users will allow individuals to check their document [based on Doc-check request by reviewer]

Functionality of the proposed system:

- CRUD based WebApp
- User registration through emails [dynamic URL links]
- Email verification for login/register/forgot password
- Users can edit their personal information (if wanted)
- User has access to all resume templates and can create 'n' number of resumes
- Inputting content for resume into predefined fields [e.g.: education, projects, academics, etc.]
- User can add custom field [e.g.: sports, accomplishments]
- Dynamic resume/cv templates download in pdf format
- Dynamic QRCode and Doc-link to check user documents [QRCode and link, redirect to page where all the user documents are uploaded]
- Permission based document check [User will allow individuals the liability to access his/her documents]
- Resume/CV templates modification
- Unlimited resume creation, modification and download access for free
- Keeping the records of resumes created/modified
- User feedback
- Users can delete their account (if wanted), with the option to download all the resumes in zip, on registered email
- Admin panel to monitor and manage authoritative activities