DYNAMIC REPORT, RESUME & APPLICATION FORMS MAKER.

[1] Mr. Dipesh Hedamba, [2]Mr. Manoj Shelar, [3]Ms. Shruti Khatpe, [4]Prof. Bhanu Tekwani

[1]Student, [2]Student, [3]Student, [4]Asst. Professor
[1]Department of Information Technology,
[1]Vidyalankar Institute of Technology, Mumbai, India

Abstract : The proposed system proposes the approach of generating reports, resumes, certificate and departmental forms. The generation of such reports will be based on the data which will be provided by the user in the form of input. This data will be stored in the database and retrieved at the time of report generation. The generated report will be properly formatted i.e. the data will be properly justified, there will be proper margins, images will be properly scaled and the report will be having a common college header and footer. This tool can be used by various colleges such that they can also use their own college logo. Also, the statistical module will be based on the data. The data will be analyzed fully to give a graphical representation of the number of events took place all around the year and it will also include the name of chief guest and the number of students attended the event or the guest lecture .In this way, this tool can help users to reduce their task of manually adding contents, resizing the images based on priorities, aligning the data, etc. Therefore, user task and time will be reduces using this report generation tool.

IndexTerms **- Dynamic,form,report,resumeformatting,,styling,insert.**

I. INTRODUCTION

As in many college there are various events taking place for example, sport events, cultural events, departmental events, guest lectures. So the faculties & committee members need to create reports manually by adding contents as well as pictures, then they need to format it properly by aligning the data, resizing the image etc. So this is a very hectic and time consuming task to do.In this proposed system a portal will be developed in which user has to provide his/her credentials and after the authentication, user can easily create forms which are required to make specific report and after providing all the information user will be able to generate report as well as user can analyze the response of the event. So, the input will be taken from the user defined forms and then it will be well formatted through scaling the images and justifying the data to prepare a standard report in the end. Also students will be able to create their resumes on proposed system. The main advantage of the proposed system is that the forms and fields provided will be dynamic in nature. This means the user need not have to stick to one specific or static format. He/she will be able to build their forms or add the fields according to his/her requirements in the report.Apart from this, proposed system also provides a module in which it will analyze the data and will give a representation of all the events taking place around the year and it will give the feedback about the guest or speaker of the events.

II. STYLE AND FONTS

User will be able to change the style of resume and report and can also change the fornts of the resume.

III. EASE OF USE

The application will be easy to use as the user have to create a user-defined form for filling the required data for the reports, the user can also edit their resume directly from the given template and then customize it the way they want . To Create the application forms they have to slect the type of application form they want and then enter the reason for applying for the certificate for which they are generating the application form.

3.1Project Objectives and Benefits.

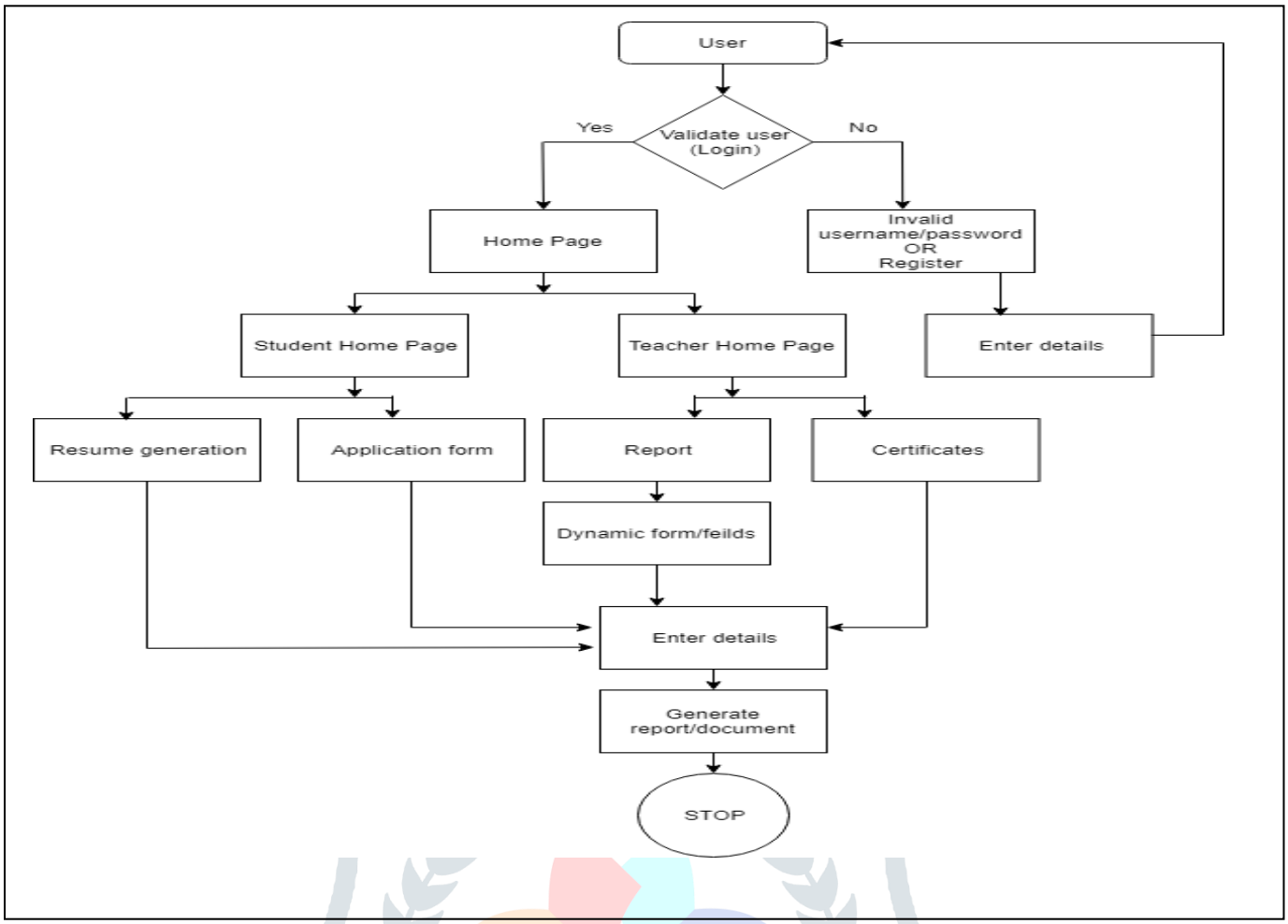
The aim of our project is to provide a platform to make report required for various events held at institutes.

- Reports will be generated by using the data entered by the user and it will generate the reports with all the required format and other requisite like header, footer, college logo etc .
- This portal will be also help in generating Application forms and resumes for the students.
- It will give the representation about the events after analyzing the data of the events.

3.2 Methodology

The solution of the problem statement is to provide a platform where user can create reports by creating the form dynamically and filling that form. User can analyze the report that how was the response of event or workshops also user can create certificates and send to all participants via this portal only. Student user can create their departmental application forms by selecting the type of form and select the reason from the given list for application. User can extract all the information related to events and workshops like academics reports that contains particular events and workshops. Ex. All programming workshops done in the year 2017-2018.

3.1Flowchart



The steps in the data flow diagram which the proposed system will work are as follows:

Step1: The user will login or register by authenticating itself to the system.

Step 2: Once he has successfully logged in the system he/she will be redirected to the homepage

Step 3: At homepage it will select an option for making report such as Cultural, sports,etc.

Step 4: On selecting an option the user needs to enter some sufficient information for the report.

Step 5: After entering the needed information he/she can generate the report for the same.

Step 6: The addons features of the portal are, resume maker, certificate maker, application forms maker.

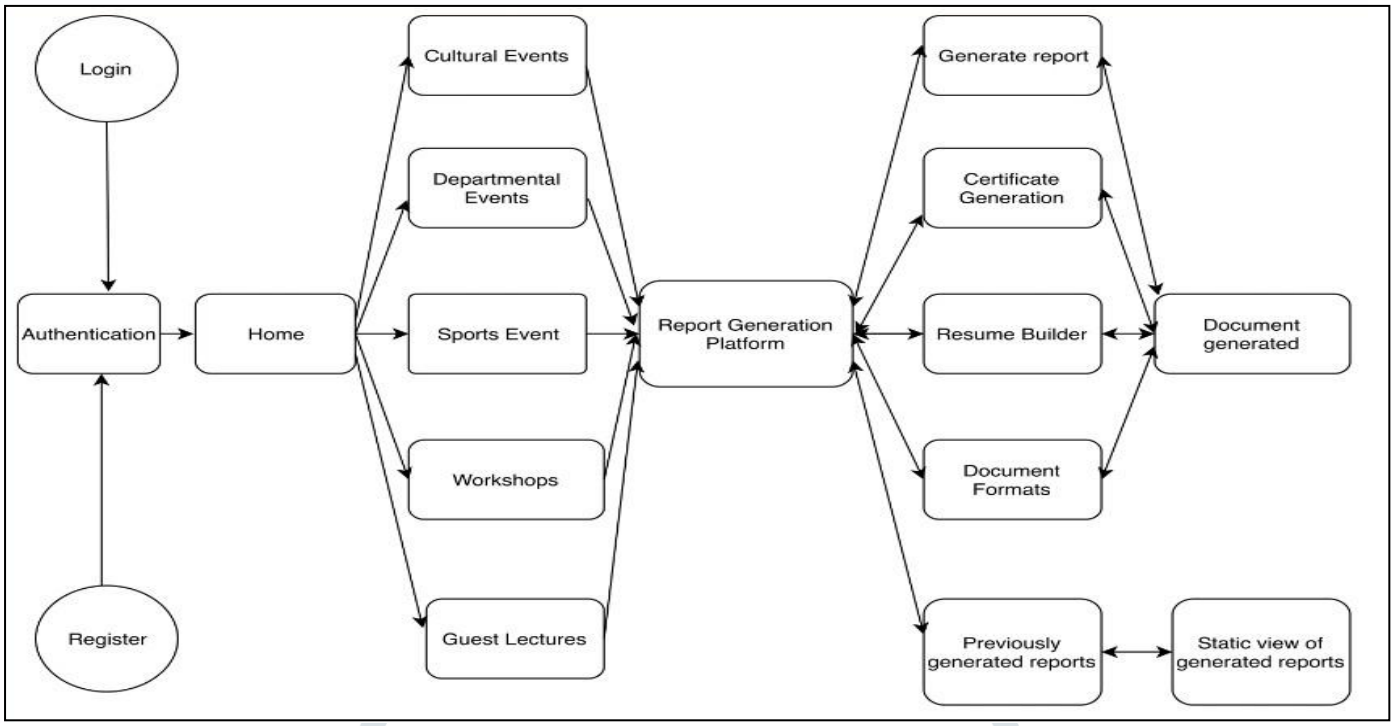
Step 7: To review previously created documents, and statistics.

3.3 Existing Systems.

We reviewed the paper [1] which was related to our proposed system and it is a system of creating enhanced reports from a computer database or programming language. The system will contain the basic data and some contextual information, which is the description of the type of information contained within the lists of the data file.The enhanced report generator will be sets of instructions which are loaded into the computer, each set of which will contain rules for formatting a report, based on the user inputs, the data, and the data's context. In the event that the context is not sufficient, additional contextual information will be loaded at the time that the enhanced report generator is loaded. The enhanced report generator will be loaded into the system in parallel with the standard report generator that is contained within the computer as a software application, and the user can select one, thus making the use of the enhanced report generator transparent to the computer. The paper [2] was about system in which it is an approach for automatic generation of reports from domain ontologies encoded in Semantic Web standards like OWL. The paper identifies the challenges that need to be addressed when generating text from RDF and OWL and demonstrates how the ontology is used during the different stages of the generation process. The main contribution is in showing how NLG tools that take Semantic Web ontologies as their input can be designed to minimize the portability effort, while offering better output than template-based ontology verbalizers In this proposed system, the API needed to create the dynamic form structure as well as the dynamic fields are referenced from paper [4].

3.4.1 Proposed System.

The following block diagram consist of the working flow of the proposed system. This work flow consists of step by step description of the system. The proposed system consists of fields which are dynamic and help the user to reduce the task done manually



Initially, the user will have to authenticate itself through login process to access the portal and new users need to register itself. The next step is that the user will be redirected to home page where he/she will see all the different sections like events, workshops, resumes etc. Then user will select specific section in which it has to make the report .After this the user will have to develop user defined form in which it will define all the fields like name venue, date, speaker etc. After developing the form the user will have to fill the form by providing all the required information and this information will be stored in the database and used for generating the reports. . The reports will be generated by retrieving the information from the database and proper formatted reports will be generated. The user will be able to view and edit previous generated reports as well as user can create academic reports like number of events held in year. Also, the user will be able to create the resume, departmental forms,certificate through the same procedure in the proposed system.

3.4.2.1 Future Work

Thus the proposed idea discussed in this paper would be further implemented in future considering all the above methodologies.

IV. RESULTS AND DISCUSSION

4.1 Results

- The user will be a able to make reports based on the input data.
- User will be able to make resumes in the resume maker
- User will be able to make application forms for various certificate like bonafide , Fees structure.

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