Servicenow Based Issue Of No-Due Certificate In Universities

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Abstract: The main objective of this project is to generate a NODUE CERTIFICATE from all departments like Computer Center, Hostel, Library System, IRP, Placement Cell, Central Library, Alumni, HOD, Dept. Head, FED, Exam Section, Physical Education after graduating from college for the final year students. The application enables the registered user to log in and allows the new user to register. The application makes it convenient to apply for a certificate for registered users. Now a days, we have to wait for a request to be sanctioned by higher authorities. To reduce the time that we use this form, the status of approval or denial of application will be immediately notified by e-mail. The user can download a PDF after approval of the request by all departments, otherwise he will not be able to access it and the user will have to pay the balance due.

Keywords: No Due Certificate, Forms, Registered Users.

1. INTRODUCTION:
In traditional way in order to get no due certificate we used to get it signed manually by each and every department in the campus or University to get certificates after completing UG or PG. we are trying to automate this process of issuing no due certificate without using man power. we use security methods to prevent security issues, so that everyone could get their certificates with no issues in an easy manner. To achieve all this, we will use an automation tool called Servicenow. No Due Portal Portal is a cloud-based application worked with the help of Servicenow stage. ServiceNow is an IT Service Management (ITSM) programming stage. This gives you a chance to rearrange the activity of IT Business Management (ITBM). In view of ITIL rules, this cloud-based system is arranged. This provides the flexibility, power and reliability to achieve the incident and problem management objectives. The created application has an automatic process of requesting certificate and e-mail notification. First, the registered user must login to access the application and the new user must register with basic information such as first name, last name and email. After signing in, the user will go to the home page. Includes the application form and my requests on the home page. The field ‘Apply Here’ in the form is used to fill out the student’s required details, and the field ‘My Requests’ is used to check the user requests signed. After getting Approved from all the departments, the user can download a PDF, otherwise he will not be able to download certificate and the user will have to pay the Due amount.

2. EXISTING SYSTEM:
You can build an application using any of the current programming languages including C, Java, Python, etc. The issue of no due portal is also an application that involves the creation of several modules to create a complete user interface. However using these programming languages is a time-consuming process, instead of using a software tool, it improves efficiency and leads to better results. A full interface for interaction between users within an organization is found nowhere in order for querying and remainders. In the existing system, the application requires the use of programming languages such as HTML and JavaScript for the application form. It is a time-consuming process to request from higher authorities and also increases manual work.

3. PROPOSED SYSTEM:
The No Due certificate portal allows students to apply for No Due certificate by filling out the . The proposed system has the flexibility to request the certificate online. This application may be accepted by colleges and organizations. This program is reliable and saves the consumer time and costs.

4. MODULE DESCRIPTION:
A. Login/Signup:
In this module, first every user who wants to access the application must sign up, then submit the request to the administrator. If the authorized user receives his credentials with a randomly generated password in his registered address, the user must sign in to the random password and reset his password later. If the administrator refuses the request, the client has no access to the application. This is done by means of an user registration plugin.

B. Homepage:
The client is redirected to the website after successful authentication. Homepage includes leave request and My user interface authorization modules.[1] User can select one of the appropriate options. Users can access their own profile where images, email IDs, phone numbers and interests can be edited. The client must log out of the application after completing the task.[2] Use the stock theme on the business portal site to do this. The status bar will appear at the top of the application using the inventory theme to allow the user to navigate from any page in the application to the homepage.

C. Apply form:
This field is used to fill the form with user details. The first section contains the fieldssuch as ID No, Name of the Student, Department, year of study, Course and State of Application. The second section includes all the college divisions and there is no need to fill in the fields and the default value is pending.[3] This field display and coverage will be achieved through the behavior of the UI and the Server scripts framework, making it easier to create applications using the ServiceNow platform. The higher authorities are also informed by e-mail that the applicant is waiting for approval. Upon getting approved from the each department, the user will be told by e-mail that
respective departments has approved your request. [4] By always being alerted by e-mail, this approach using the workflow principle makes it flexible.

D. My Request:
My requests indicate the user request status after the form has been submitted. [5] On the homepage itself, it is present. It indicates the pending status, approved. The pending status will be displayed as soon as the user submits the request or any department rejects the request. Status Approved will be shown when the higher authorities have approved the submission.

5. FLOW DIAGRAM:

![Flow Diagram](image)

The flow diagram describes all the operations of the project.

6. RESULTS:
This module discusses how users can use their credentials to access the application or how users can register to access the application.

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**Fig.2 Home Page**
The homepage module consists of two domains Apply here and My Requests. The client may have access to any of them, depending on their interest.

**Fig.3 Apply form**
The form type depends upon the filling fields and process done according to fields filled.

**Fig.4 My Requests**
In my approvals section, as soon as the leave form submitted leave status will be updated based on the form submission.

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**CONCLUSION:**
An Application helps the students to request the certificate and obtain approval from higher officials. An application should be designed to meet all of the client's defined specifications. There is no rule that it should be built using only the language of programming, there is a lot of technology being developed and one of them is Servicenow. This software therefore offers an optimal
solution using this method, as the students can see the status directly.

REFERENCES:


