Service now Based Advanced Issue of No Fee Due Certificate

Chandra SekharMaganty, K. Sai Prasanthi, G.Jyothirmai, K Harshitha, S Harika Lakshmi

Abstract:The main goal of this project is to generate a NO FEE DUE CERTIFICATE from all departments such as Computer Center, Hostel, Library System, IRP, Placement Cell, Central Library, Alumni, HOD, Dept. Head, FED, Exam Section, Physical Education for the final years after graduating from our college.   The application allows the registered user to log in and the new user is allowed to register. The application makes it convenient for registered users to apply for certificate. In today's time, we need to wait for higher authorities to sanction a request. In order to reduce the period that we use this form, the status of approval or denial of request will be notified immediately by e-mail.After all departments approve the request, the user can download a PDF, otherwise he will not be able to access it and the user will have to pay the balance due.

Keywords: Higher authorities, E-mail, Balance due, PDF.

I.   INTRODUCTION:

Issue of No fee due certificate application is a cloud-based application which is developed through Servicenowplatform.ServiceNow is a service-based software platform offering operational management services, such as IT service management, to the IT operations of large corporations, including the delivery of help desk features. Build active ServiceNow applications that improve responsiveness, efficiency and user experience.The application that has been created has an automatic process of requesting certificate and notified by e-mail . First, to access the application registered user must login and the new user must sign up with basic details such as first name, last name and e-mail.

Chandra SekharMaganty*, Department of Computer Science and Engineering, KoneruLakshmaiah Education Foundation, Vaddeswaram, AP, India.
K. Sai Prasanthi, Department of Computer Science and Engineering, KoneruLakshmaiah Education Foundation, Vaddeswaram, AP, India.
G.Jyothirmai, Department of Computer Science and Engineering, KoneruLakshmaiah Education Foundation, Vaddeswaram, AP, India.
K Harshitha, Department of Computer Science and Engineering, KoneruLakshmaiah Education Foundation, Vaddeswaram, AP, India.
S Harika Lakshmi, Department of Computer Science and Engineering, KoneruLakshmaiah Education Foundation, Vaddeswaram, AP, India.

The user will go to the home page after signing in. The home page includes Apply form and my requests. The' Apply form' field in the form is used to fill the required details of student, and 'My Requests' field is used to check the signed user requests. The user can download a PDF after all departments approve the request, otherwisehe cannot access and the user must pay the balance due.

EXISTING SYSTEM:

In the existing system, the application requires the use of

programming languages such as HTML and JavaScript for the application form. [2]It is a time-consuming procedure to accept request from higher authorities and also increases manual work.

PROPOSED SYSTEM:

The main objective of the proposed system is to simplify the existing system. Provides security to the maintenance of the database and reduces manual work. The proposed system has the flexibility to request the certificate in online.Colleges and organizations that approve this request. This software is efficient and saves time and costs to the user.

MODULE DESCRIPTION:

Login/Signup:

In this section, you must first sign up for every user who wants to access the program, then send 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 petition, the client has no access to the file. This is achieved through a plugin for app registration.

Homepage:

After positive authentication, the user is routed to the homepage.Homepage includes application for My requests and Apply here modules in the user interface.user may choose any of the options that are required. Users can access their own profile where they can edit profile images, email IDs, phone numbers and preferences. Upon completion of the task, the user can log out of the application. This is done by using the stock theme on the service portal page. Using the stock theme, the status bar will appear at the top of the application to allow the user to navigate to the homepage from any page in the application.

Apply form:

This field is used to fill the form with user details. The first section contains the fields such as university id ,Name of Student, year of study, Course and department.The second section contains all the departments in the college and the fields do not have to be filled and the default value is pending.

Service now Based Advanced Issue of No Fee Due Certificate

This display and covering of fields will be achieved by the UI behavior and the Server scripts framework which will make it easier to create appilcations using the ServiceNow platform. Here, the higher authorities shall also be notified by e-mail that the user applied is waiting for approval.Once the request has been approved by the higher authorities, the user will be informed by e-mail that the leave has been approved. This method using the workflow principle makes it versatile by always being notified by e-mail.

My Request:

My Requests indicate the status of the user request after submitting the form. It is present on the homepage itself. It shows the status of pending ,accepted .The status pending will be shown as soon as the user submits the request or if any department rejects the request. Status Accepted will be shown when the application has been accepted by the higher authorities.

Flow Diagram:
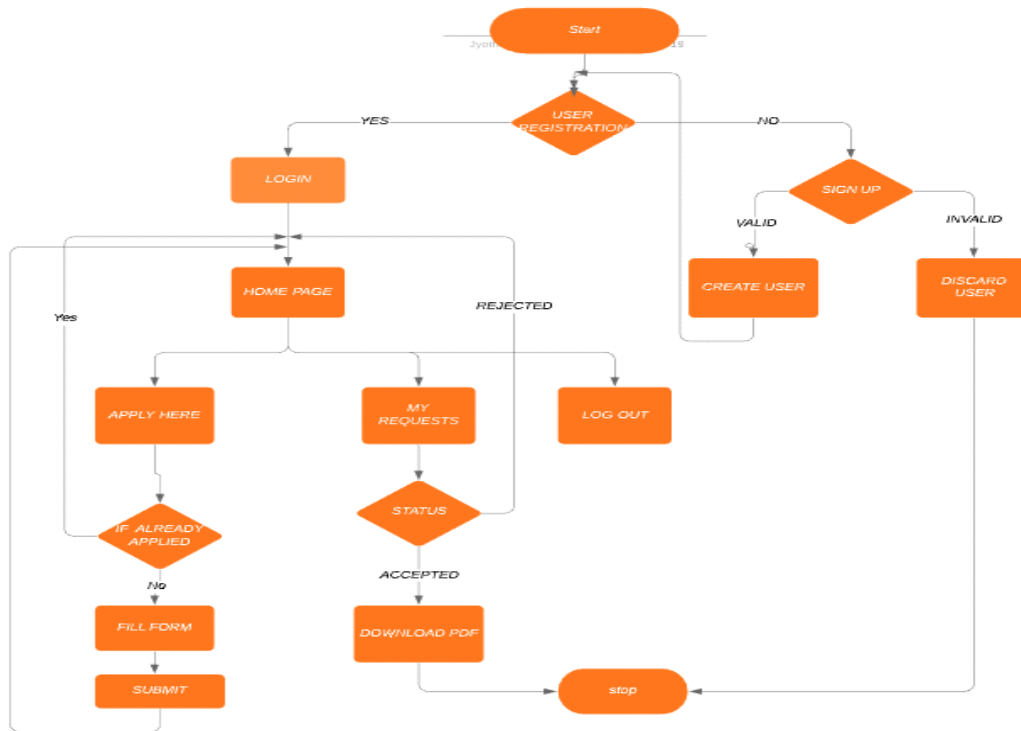
The flow diagram describes all the operations of the project.
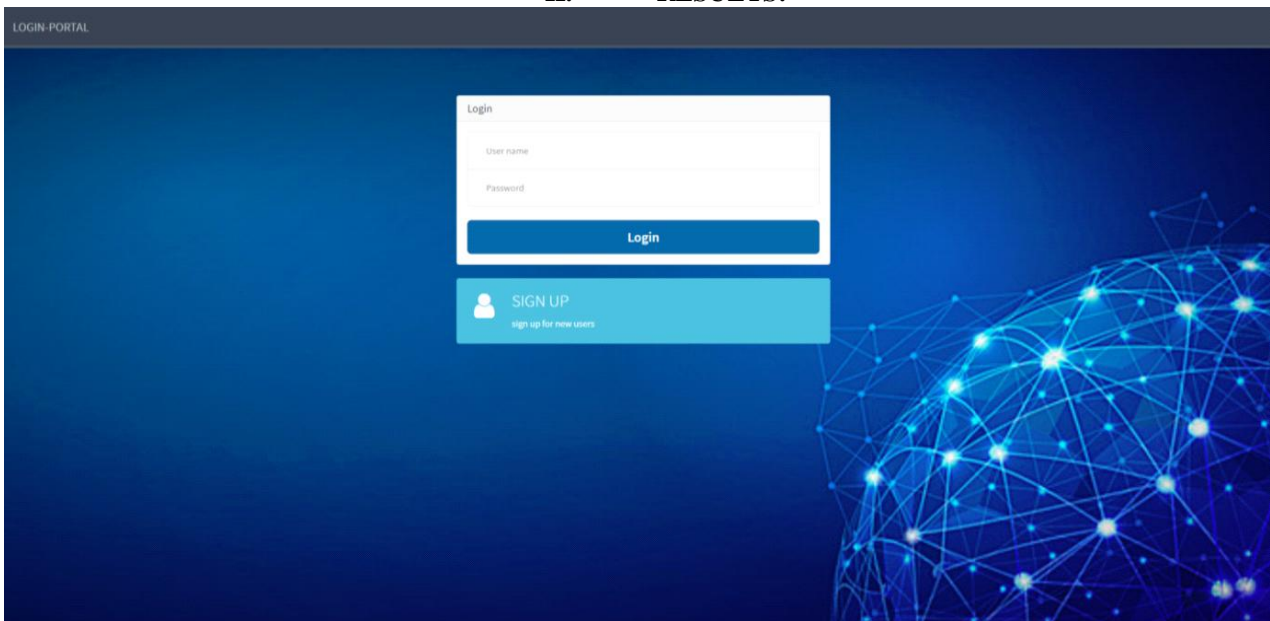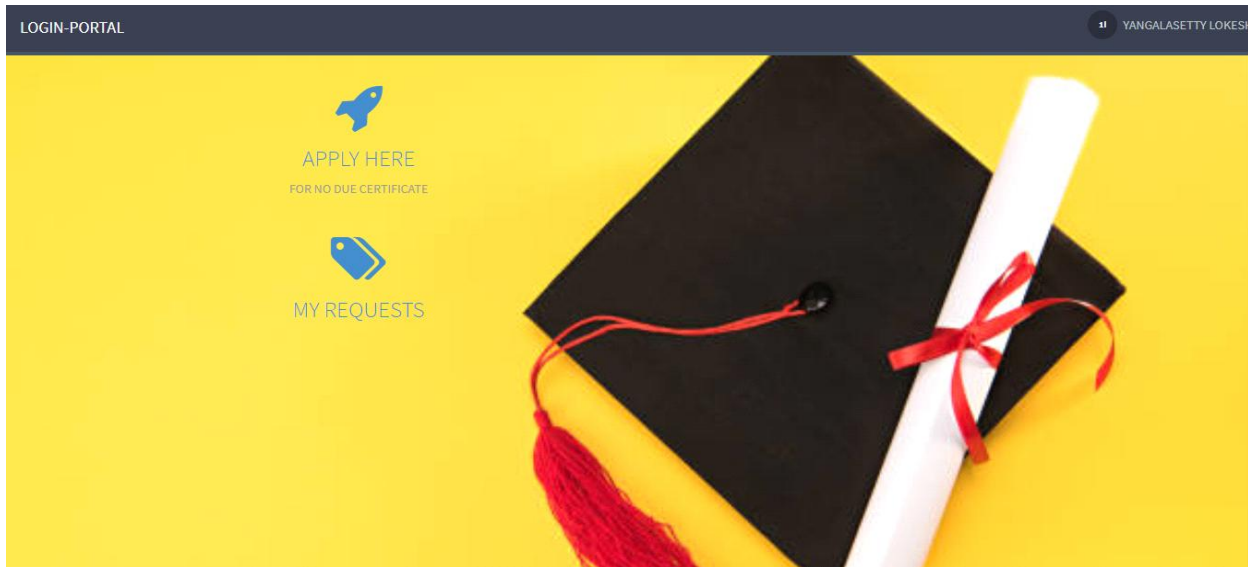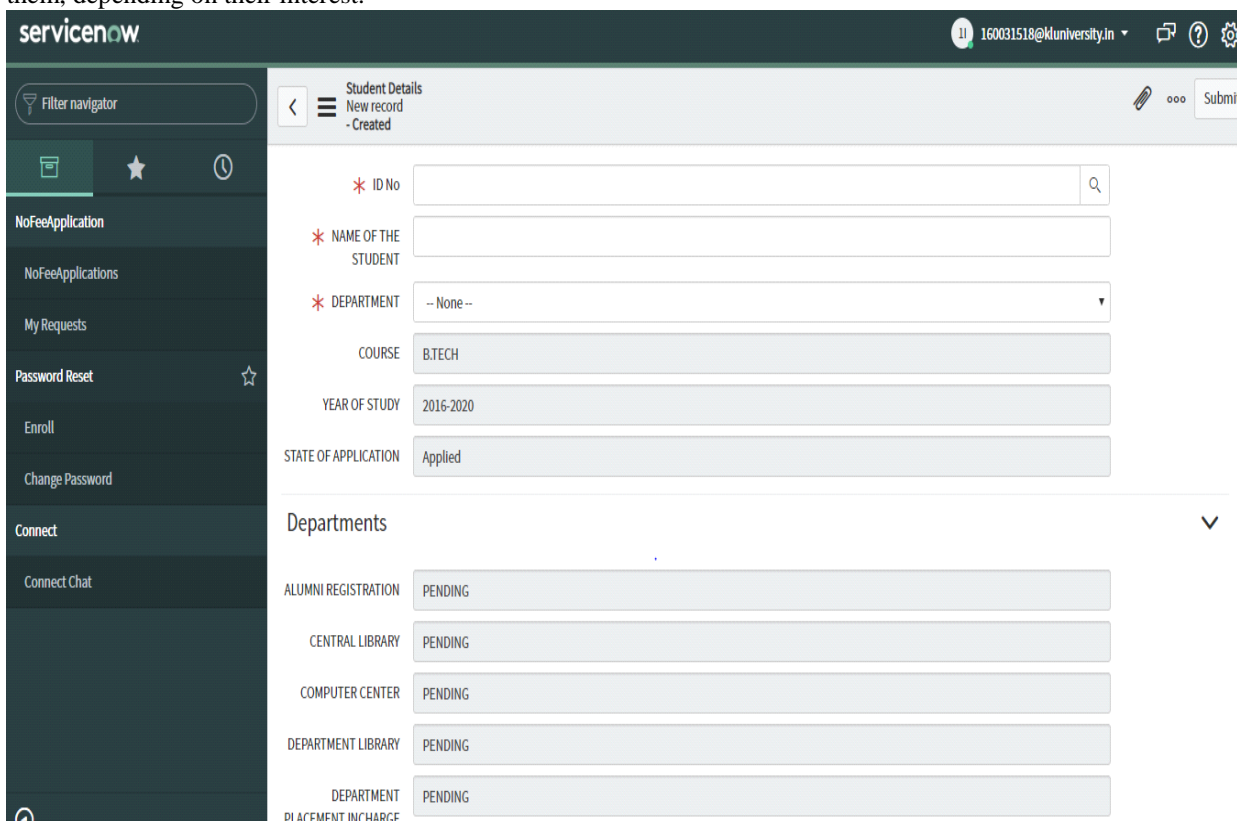
II.   RESULTS:

Fig.1 Login/Sign Up Page

This module discusses how users can use their credentials to access the application or how users can register to access the application.
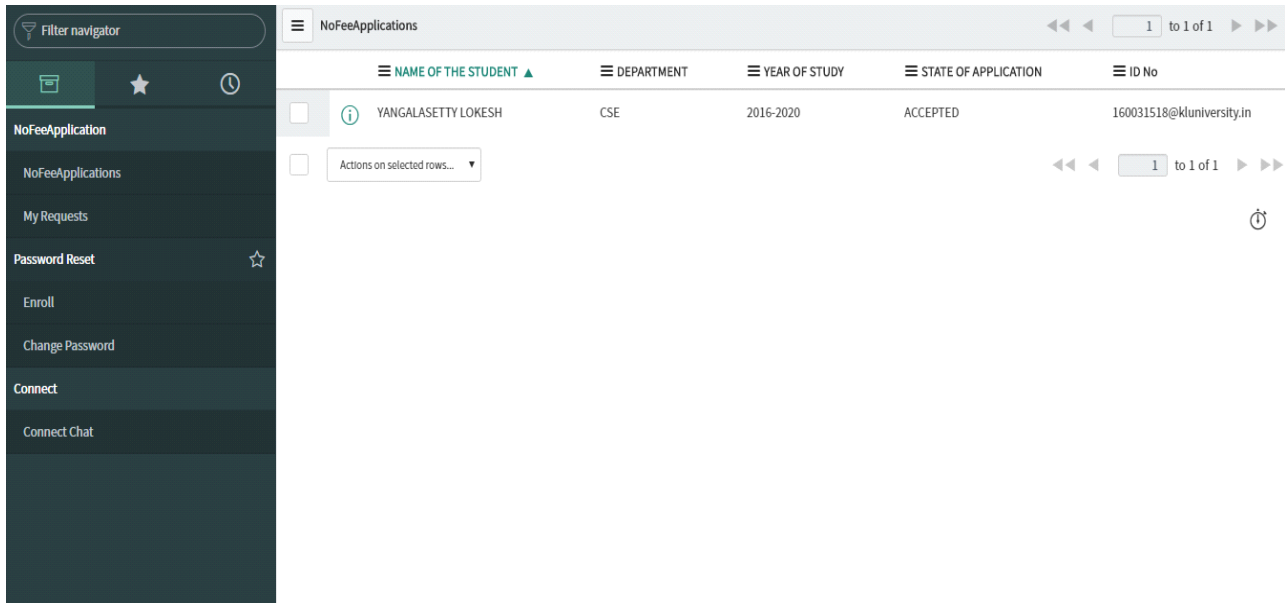
Fig.2 Home Page

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.
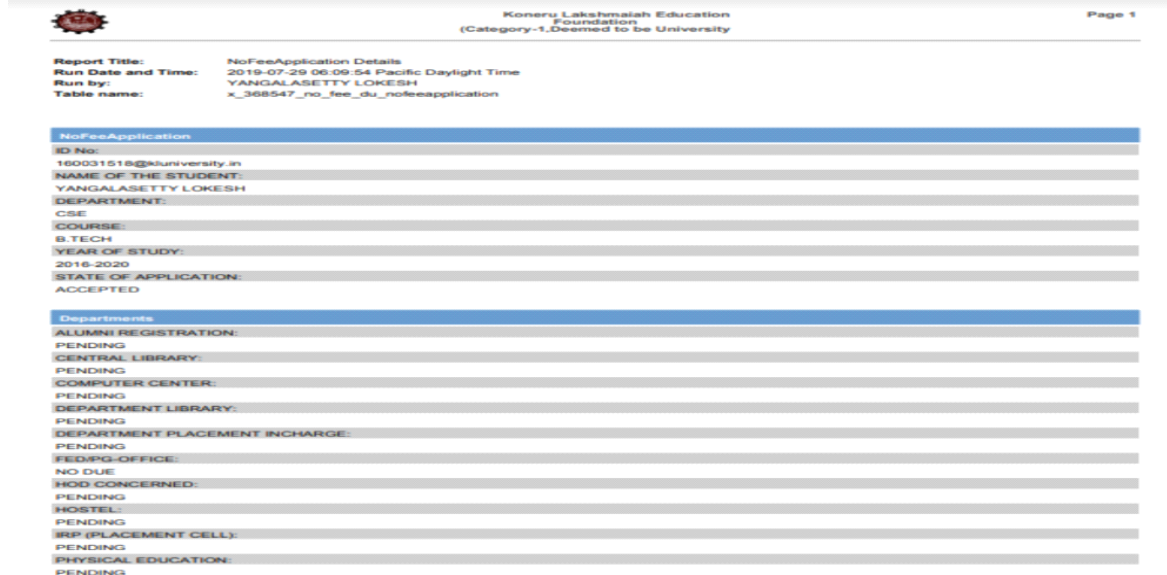

Fig.3 Apply here

The form type depends upon the filling fields and PDF is generated according to fields filled .

Fig.4 My Requests

In the my requests module the current application status will be displayed ,either accepted or rejected.

Fig.5 PDF

The Pdf will be generated if the state of application is accepted.

III. CONCLUSION:

An Application helps the students to request the certificate and obtain approval from higher officials. The application should be constructed in such a way that it meets all the specifications defined by the client. There is no rule that it should be programmed using a programming language only, a lot of technology is being created, and Servicenow is one of them. This software therefore offers an automated solution using this method, as the status can be accessed directly by students.

REFERENCES:

1. Iakovidis, Dimitrios K., Spyros Tsevas, Michalis A. Savelonas, and George Papamichalis. "Image analysis framework for infection monitoring." IEEE Transactions on Biomedical Engineering 59, no. 4 (2012): 1135-1144.
2. Chizzali-Bonfadin, C., Adlassnig, K.P. and Koller, W., 1995. MONI: an intelligent database and monitoring system for surveillance of nosocomial infections. Medinfo. MEDINFO, 8, pp.1684-1684.
3. Cundell, Diana R., Randy S. Silibovsky, Robyn Sanders, and Les M. Sztandera. "Generation of an intelligent medical system, using a real database, to diagnose bacterial infection in hospitalized patients." International journal of medical informatics 63, no. 1-2 (2001): 31-40.
4. Petkov N. Biologically motivated computationally intensive approaches to image pattern recognition. Future Generation Computer Systems. 1995 Aug 1;11(4-5):451-65.
5. Calhoun, Vince D., and TulayAdali. "Feature-based fusion of medical imaging data." IEEE Transactions on Information Technology in Biomedicine 13.5 (2009): 711-720.

AUTHORS PROFILE

Mr. Chandra Sekhar Magantyis working as Assistant Professor in department of CSE in KoneruLakshmaiah University. His research area is IOT and Network Security. He has published several papers in area of Network Security and IOT. He is having around 12 years of experience in teaching Area of interest in subjects are Network Security, Enterprise Programming, Web Technologies, OOPS through java, etc

Mrs. K Sai Prasanthiis working as Assistant Professor in department of CSE in KoneruLakshmaiah University. Her research area is IOT and Network Security. She has published several papers in area of Network Security and IOT. She is having around 11 years of experience in teaching Area of interest in subjects are Network Security, Operating Systems, Computer Architecture, Computer Network, etc.

Ms G Jyothirmaiis pursuringB.Tech in department of CSE in KoneruLakshmaiah University. She is passionate about research and her research area is software engineering. She is servicenow certified application developer and currently working on many servicenow projects. She also participated in sevicenow hackathon and stood in top 10 teams. Her interested subjects areDBMS,OS, OOPS through Java.

Ms K Harshithais pursuringB.Tech in department of CSE in KoneruLakshmaiah University. She is passionate about research and her research area is Network Security. She is servicenow certified application developer and currently working on many servicenow projects. She also participated in sevicenow hackathon. Her interested subjects areDBMS,WebTechnologies,NetworkSecurity, Information Systems.