

# CAMPUS PLACEMENT APPLICATION FOR COLLEGE

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## ABSTRACT

Our project aims is to create a Salesforce-based web application for the college's Training and Placement Cell. The system is an online salesforce programme that training and placement officers (TPOs), students, and department heads can use (HOD). Students should use their username and password to register in the application. Students should use their credentials to complete correct registration in the application. This system can be used as an application for the college's training and placement officer (TPO) to handle student information related to placement, which is becoming increasingly difficult to maintain manually. This project contains all of the student's academic information, as well as a formal résumé, which can be viewed by TPO but can only be edited by the student using an authorized service. The method makes it easier for a corporation to make picks for the recruitment process by storing student information. Only the students' personal and academic information can be updated. The Training and Placement System is a Salesforce application that intends to simplify the registration process for students for on-campus trainings and placements, as well as the information management and selection process for TPO. This Salesforce solution allows TPO to easily keep track of all enrolled students, as well as information about placed and unplaced students, as well as companies, saving him a lot of time and effort. This application will assist registered students in locating appropriate work opportunities.

**Keyword:** - Training, Salesforce, credentials

## 1. INTRODUCTION

It is Salesforce-based Training and Placement application is for the college's Training and Placement Department. The system is a web-based tool that can be used from anywhere by training and placement officers (TPOs), department heads, and students. The student must register for the first time on the application. They must also create a profile by giving their curriculum vitae, academic details, and personal information, as well as submit a resume. TPO and HOD will also need to register as admins with their credentials. This system can be used as a tool for the college's training and placement officer (TPO) to handle student information related to placement. This application will contain all of a student's curricula, academic, and personal information, as well as their résumé, which may be read by the Head of Department (HOD) and the Training and Placement Officer (TPO), but only that student with an approved service can modify. The method makes it easier for a corporation to make picks for the recruitment process by storing student information. Students can only update their personal information and apply for jobs with the company.

Students can just update their personal information once and apply to all of the companies that they are eligible for without having to enter their information many times for each company. Students can see all of the companies that the TPO has added and which ones they are eligible to apply for. In the query part, students can also clear their doubts concerning training and placement procedures, companies, and so on. All users can see what is going on at the college and what the students have accomplished, i.e. selected students' details.

This system can be used as an application by the college's Training and Placement Officer (TPO) to handle student information related to placement. Students who are logged in can fill out a form in which they must fill out all of the details in the profile activity page. Visitors/business representatives will offer necessary information about the firm to the TPO of the college, and the TPO will be able to fill out all of the information about the company in the add company page and criteria for the students.

## 2. IMPLEMENTATION

The whole application is based on Salesforce. Salesforce is a cloud-based software programme. Salesforce provides enterprise application focused on customer service, marketing application analytics, application development. It also serves as a platform for custom application development and deployment. We can develop and deploy application through by various components available. Like, Salesforce Lightning Web Component, Visualforce, and Salesforce Aura Component.

Here, we used Salesforce Aura component which is reusable unit of UI. We used the Salesforce Aura component to connect our webpages.

Lightning components can be created using one of two programming models: Lightning Web Components or the original Aura Components. Lightning web components are custom HTML elements made with HTML and modern JavaScript. On a page, Lightning web components and Aura components can coexist and work together. Lightning includes the Lightning Component Framework and some exciting tools for developers. Lightning makes it easier to build responsive applications for any device.

Aura components are the self-contained and reusable units of an app. They represent a reusable section of the UI, and can range in granularity from a single line of text to an entire app. The benefits include an out-of-the-box set of components, event-driven architecture, and a framework optimized for performance. Event-driven programming is used in many languages and frameworks, such as JavaScript and Java Swing. The idea is that you write handlers that respond to interface events as they occur.

Along with the aura component, we have created webpages using HTML, CSS, Javascript for making it dynamic. For backend and the database, we used PHP and MySQL.

Our Homepage of Training and Placement Application will look like below image.

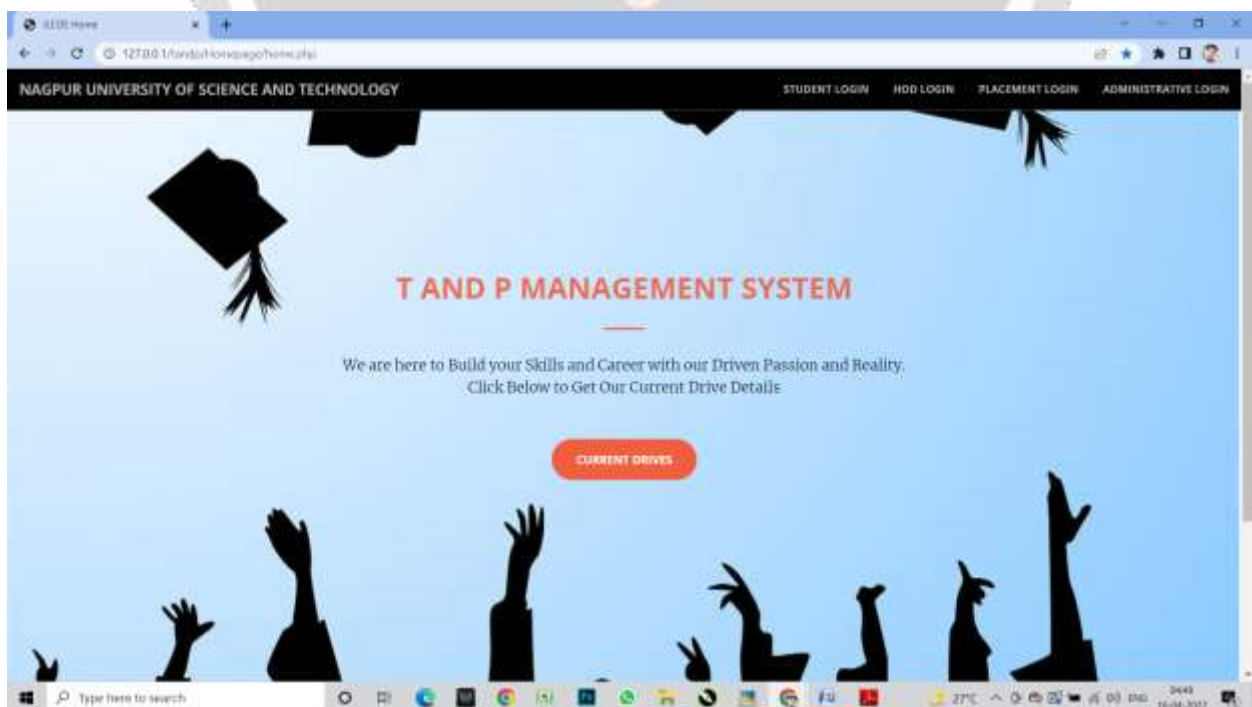


Fig -1: Homepage

Lets see the methodology of our application.

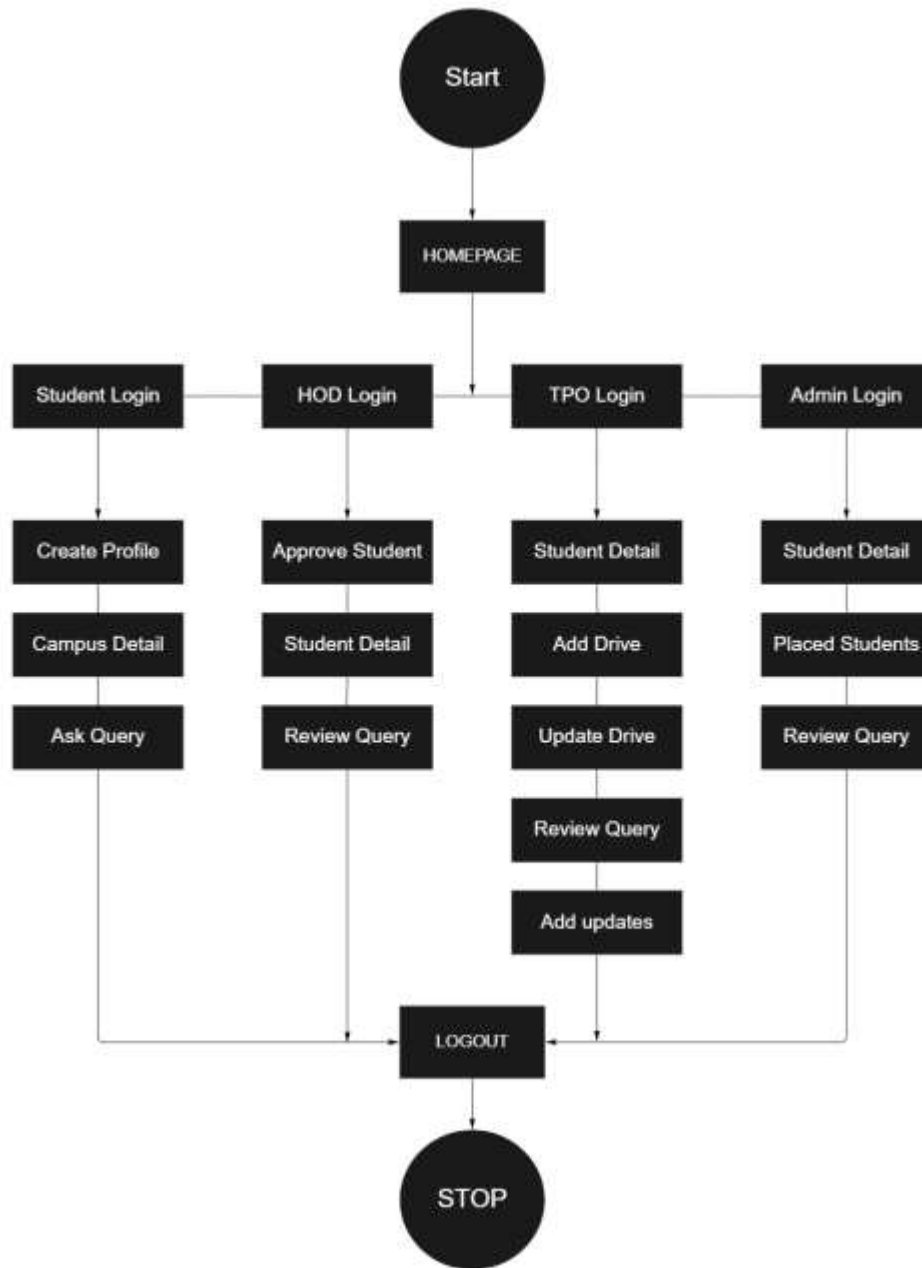
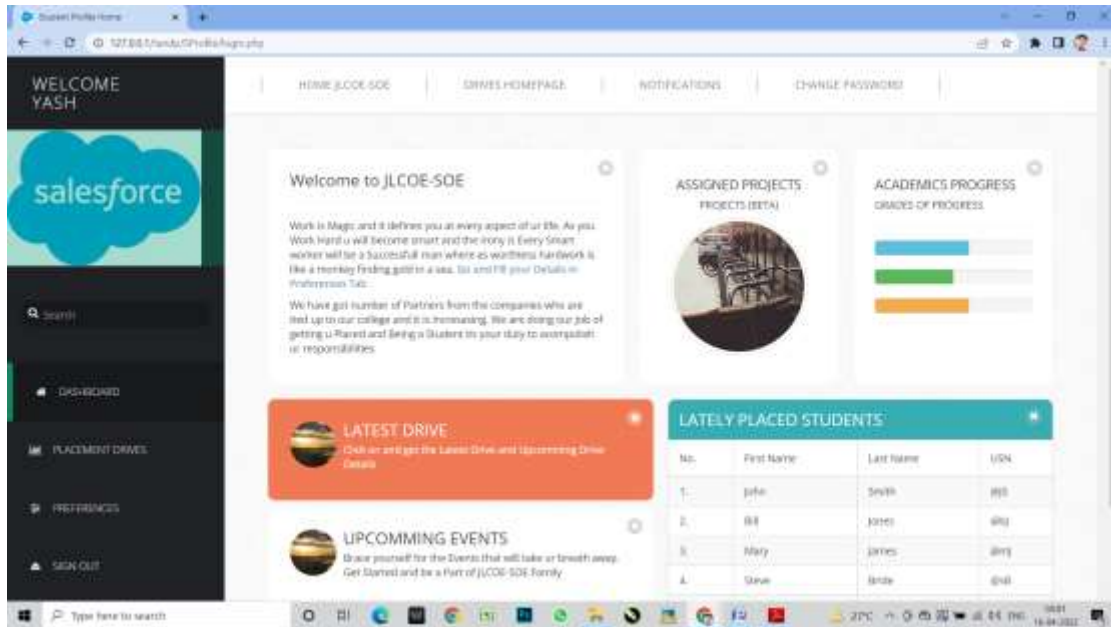


Fig -2: Userflow of our Application

## 2.1 Userflow

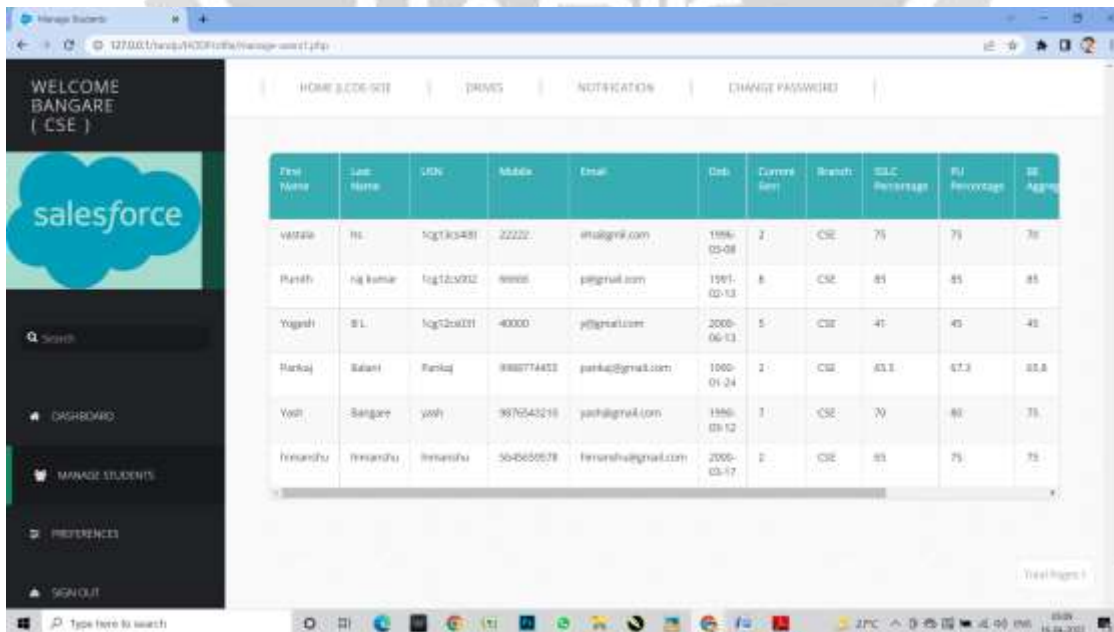
Our Application will have four section's for Student, HOD, TPO and for Administrator. Each Section will have different functionalities. Lets see the functionalities in different section.

### 2.1.1 Student Section



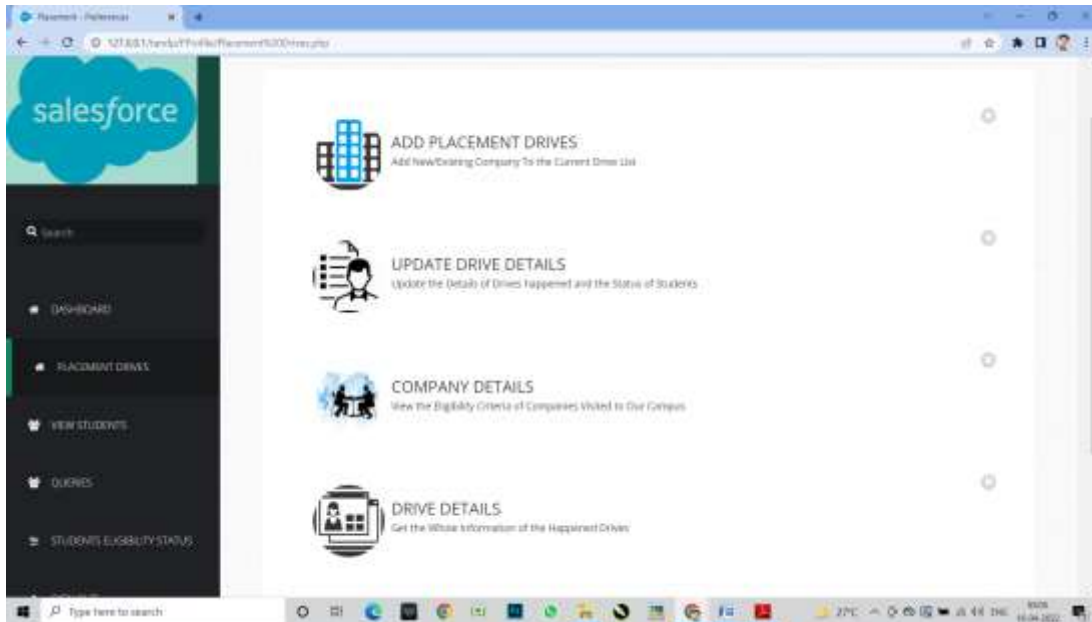
Here, Students see the placement drives and apply for it. Also he can update or add his data. He can also check if there is any update or notice from higher authorities.

### 2.1.2 HOD Section



HOD can approve the new student who want to register. If he/she is a legit person then only he will be approved.

**2.1.3 TPO Section**



TPO is the main person who keeps track of all the data of students as well as campus drives. Placement officer can add placement drives, update the drive details, can view the company’s eligibility criteria, also get the whole information of happened drives.

**2.1.4 Administrator section**

The screenshot displays the 'Student Details' page in the Salesforce Administrator interface. It shows a table with the following data:

Name	First Name	Last Name	Phone	Email	DOB	Gender	Grade	Score 1	Score 2	Score 3
Yash	Bangaru	yash	987643210	yash@gmail.com	1990-03-12	7	CSE	70	80	75
himanshu	himanshu	himanshu	5445659576	himanshu@gmail.com	2006-03-17	2	CSE	65	75	75
Pankaj	belani	Pankaj	3988774455	pankaj@gmail.com	1990-01-24	2	CSE	65.5	67.5	65.5
Punith	rajkumar	1tg12r002	6666	pd@gmail.com	1991-02-13	8	CSE	85	85	85
Vishal	Haritha	1tg12r004	9888798862	haritha@red.com	1994-10-22	6	ISE	81	70	50
Raja	Raj	1tg12r006	20000	rr@gmail.com	1997-04-28	4	ISE	66	60	60
Neil	Armstrong	1tg12r000	2147483647	armstrong@red.com	2015-07-23	7	ISE	100	100	100
vedik	kumar	1tg12r400	11111	v@gmail.com	2015-09-09	1	ISE	70	70	70
varada	hs	1tg12r408	22222	vhs@gmail.com	1996-03-08	2	CSE	75	75	70
ragini	rrr	1tg12r001	33333	rr@gmail.com	1991-01-38	6	ISE	55	55	55
rahul	khanna	1tg12r401	2147483647	rd@gmail.com	2015-07-02	4	ISE	77	66	77

This section is for Administrator that is non other than our principal. When it comes to placement, he should also know about it. He/she can check the student details. Also, he/she can list out students eligibility based on various factors.

#### 4. FUTURE SCOPE

Our project has a large scope. It is a college-based project that fosters relationships between students and training and placement officials (TPO). We can keep track of all of the students' information and CVs by categorising them into different streams. We can add additional features in the future, such as direct message conversation between corporate and students, which will give a convenient approach for students and industry to engage. Students can tell their classmates about their training and placement experiences. Students can be notified about firms or other developments linked to interviews or trainings, for example

1. Collecting and managing student data is simple.
2. To improve the placement procedure's accuracy and efficiency.
3. Reduce the amount of paperwork.
4. Examining the placement process as a whole
5. Students can keep track of and update their information.
6. Students have access to past placement information.

Other functions can be added, such as sending notifications to students about companies that are available both on and off campus. Additionally, our technology does not support SMS integration. As a result, it can be added to the system to enable SMS integration. For extra convenience, further capabilities such as holding pre-placement talks can be incorporated to the system. In addition, we can give resources for the creation of the company's assessment.

Our initiative intends to automate training and placement procedures, making the process more efficient for both students and training and placement officers (TPO).

#### 5. CONCLUSIONS

In the current system, the majority of work is done manually, and it is an error-prone system that takes time to adapt. Because the current approach for telling students about firms is inefficient, there is a risk of missing campus-related communications because it uses a social media platform that already receives a large number of alerts on a regular basis.

The goal of our project is to automate the training and placement processes. All operations such as registration, updating, notification, and searching are automated in the proposed online Salesforce-based training placement application. Its goal is to present students and TPO with a more user-friendly interface. It offers a detailed remedy to the current system's issue.

#### 6. REFERENCES

[1] S.M. Shaikh, A.S. Ganbavale , S.P. Gaikwad , M.R. Bhujbal , K.M. Aldar “Training and Placement Android Application” International Journal of Computer Sciences and Engineering (IJCSSE), Feb 2018

[2] J.Swathi, K.Priya Tharsini, S.Suganya Janani, Asso.Prof Dr.G.Vinoth Chakkaravarthy “Training and Placement Cell Application” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Mar 2018

[3] Godawari Chouhan , Monika Devi , Prof. Teshu Gaurav Singh “Review on Training & Placement Cell System” International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS) Mar 2018

[4] Sanket R. Brahmankar , Rahul S. Ghule , Shubham K. Chavan , Landge D. Ashish , Pavan D. Borse Prof. A. Vinaykumar “A Survey on Android App for Training and Placement cell” International Journal of Advance Research and Innovative Ideas in Education (IJARIE) April 2015

[5] Anjali, Jeyalakshmi.PR, Anubala.R, Srt Mathura devi.G, Rajini.V, “Web Based Placement Management System”, vol.7(?)2016.

[6] Prof. Shilpa Hadkar, Prof. Snehal Baing, Prof. Trupti Harer, Prof. Sonam Wankhede, Prof.K.T.V.Reddy, “College Collaboration Portal with Training and Placement”, IOSR Journal of Computer Engineering (IOSR-JCE), Vol.16, Issue 2, 2014

[7] In Feb 2016, Mulla Kajal, Mahadik Awanti, Pandharpatte Sonali, Kalantree Rashmi, Bansod Swapnali, “Online Training and Placement System” International Reseach Journal of Engineering and Technology (IRJET).

[8] Anjali, Jeyalakshmi.PR. Anubala R, SriMathura devi G, Ranjini.V, "Web Based Placement Management System". International Journal of Computer Science and Information Technologies, Vol. 7 (2), 760-763, 2016.

[9] Rupali Komatwar, Swapnil Kamble, Mihir Khedekar, Kishor Walzade, "Placement Support System International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue 1, January 2016 Vol. 5, Issue 1, January 2016.

[10] Prof. Sagar Tete, Mrunali Mehar, Simran Dhoke, Aparna Chahande, Mrunal Lambat “Campus Recriymnt Management (Online) System” (IJARIE) Vol-7 ISSUE-3 2021

