TRAINING &PLACEMENT MANAGEMENT SYSTEM

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Abstract-

In contrast to the old approach, this system delivers a speedy placement management system in Institutions. Training and Placement is a critical component of any educational institution when the majority of work are performed manually. As a result, students and TPOs may encounter a variety of issues, such as a lack of specifics, a lack of security, difficulty with hard labour, and so on.The project will include minimal manual work and maximum optimization which will help students as well as the administration authority to carry out each and every activity regarding placements.

The system is an application that can be accessed and effectively used throughout the organization with proper authorization enabled. This system can be used by college placement officers to manage student information related to placements. Only approved members have access to information on pupils who have been placed. Every student has access to our system, which is interactive and responds to their questions.

The project's main goal is to eliminate the need for a single point of contact with placement coordinators and to automate the current method. Our project facilitates the speedy completion of procedures in placement-related operations.

I. INTRODUCTION

The use of servers and databases has made it possible to provide data from any location. It allows students and TPOs to keep track of their placement information. Human intervention is required for manual training and placement, which increases the risk of error. For different categories of users, such as administrators and students, the system will have multiple types of accounts. The system will filter the student's data based on the eligibility criteria requested by the individual companies, and a list of suitable candidates will be generated, and students will be able to choose whether or not they want to attend the particular drive or test.

The information on the pupils who have been placed is kept in a separate database with appropriate authorization. This makes information available to us quickly and easily. It is possible to obtain information on training and forthcoming drives. Interaction with pupils who have been assigned, as well as the resolution of questions and doubts.

II. LITERATURE SURVEY

TPO of the college present an overview of the current system, which is based on manual processes. All records should be referred to the administrator for result analysis. There are numerous limits to the current system; all of the work done at VNITSW necessitates human intervention, which carries the highest risk of errors.

TPO, TNP employees, and departmental staff are among the three types of users available to administrators. Each user had their own set of features and security. TPO can also perform a search for qualified students based on company criteria and create a report. Through Open Forum, TPO can communicate with the student.

III. EXISTING SYSTEM

In the existing system every task which holds the activity to be performed with databases required more manual attention. It's a time expensive procedure which in worst case if not the information transferred leads to the loss of opportunities for students.

In VNITSW (Vignan's Nirula Institute of Technology and Science for Women) the problems of existing system are as follows,

Problems in Existing System

- Maximum Human Intervention: Every task related to placements requires human attention.
- Error Prone: Due to maximum human intervention there is a maximum chance of errors.
- Time Consuming and Tedious: Every task is tedious and time consuming.
- Less alertness: If not the students are provided with placement information in time there is a chance of loss of opportunities. Requires more attention to the task.
- Updating Data: Due to manual system and no centralized database the updation was an ambiguous task.
- Poor Communication: It is tedious for placement officers to interact with every student.

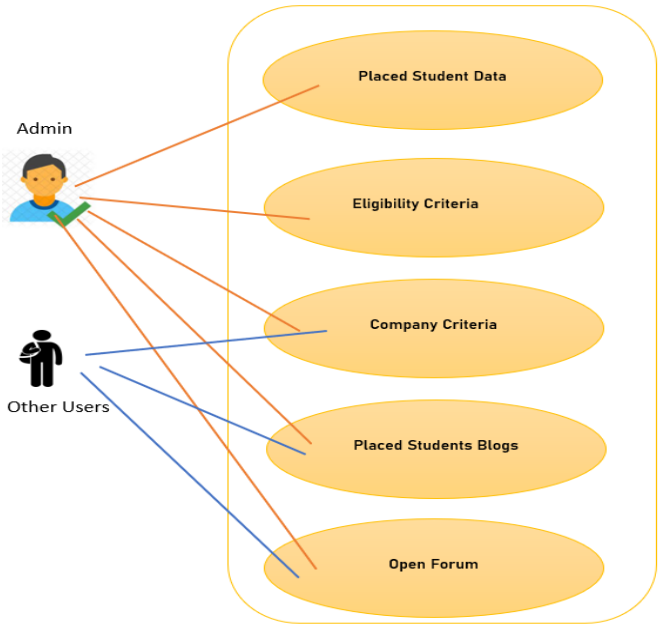
IV. PROPOSED SYSTEM

All duties are currently performed manually in the present system. To obtain information, the administrator must sort through all of the records that have been kept for many years. This is really time consuming and difficult.

The proposed 'Training and Placement Cell Automation' automates data management, allowed access, and information dissemination to students. Overcomes the limits of the existing system and ensures that services are available.:

- Automation of data entry and retrieval
- Deals with a single point of contact
- Data protection
- Makes the job of recruiters easier
- Ensures the accuracy of data
- Saves time and effort by reducing paper work.
- Information is easily communicated to students.
- Significantly reduced risk of missing out on opportunities
- Questions are answered on discussion forums.

USE CASE DIAGRAM:



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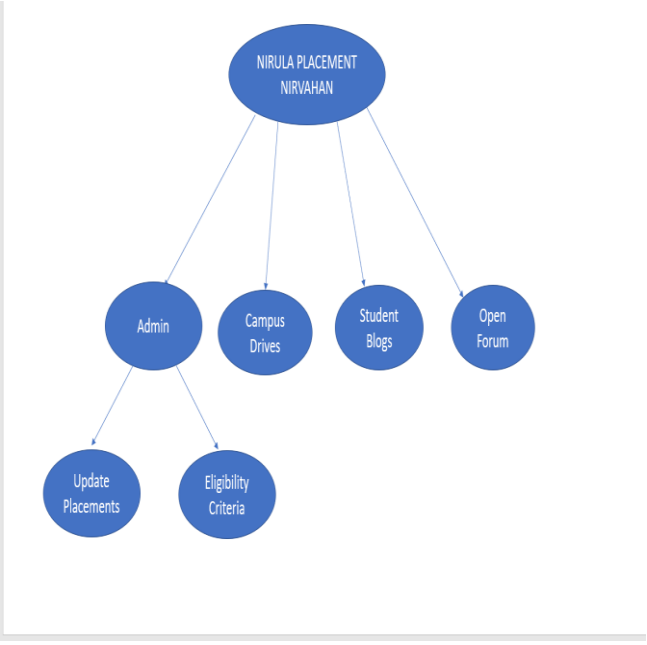

SAMPLE TABLES USED

#	Name	Type
1	SNo	int(11)
2	RegNo	varchar(10)
3	Name	varchar(35)
4	Branch	varchar(4)
5	MailId	varchar(35)
6	ContactNo	varchar(12)
7	Company	varchar(20)
8	Package	int(11)
9	Backlogs	int(11)
10	Batch	varchar(10)

#	Name	Type
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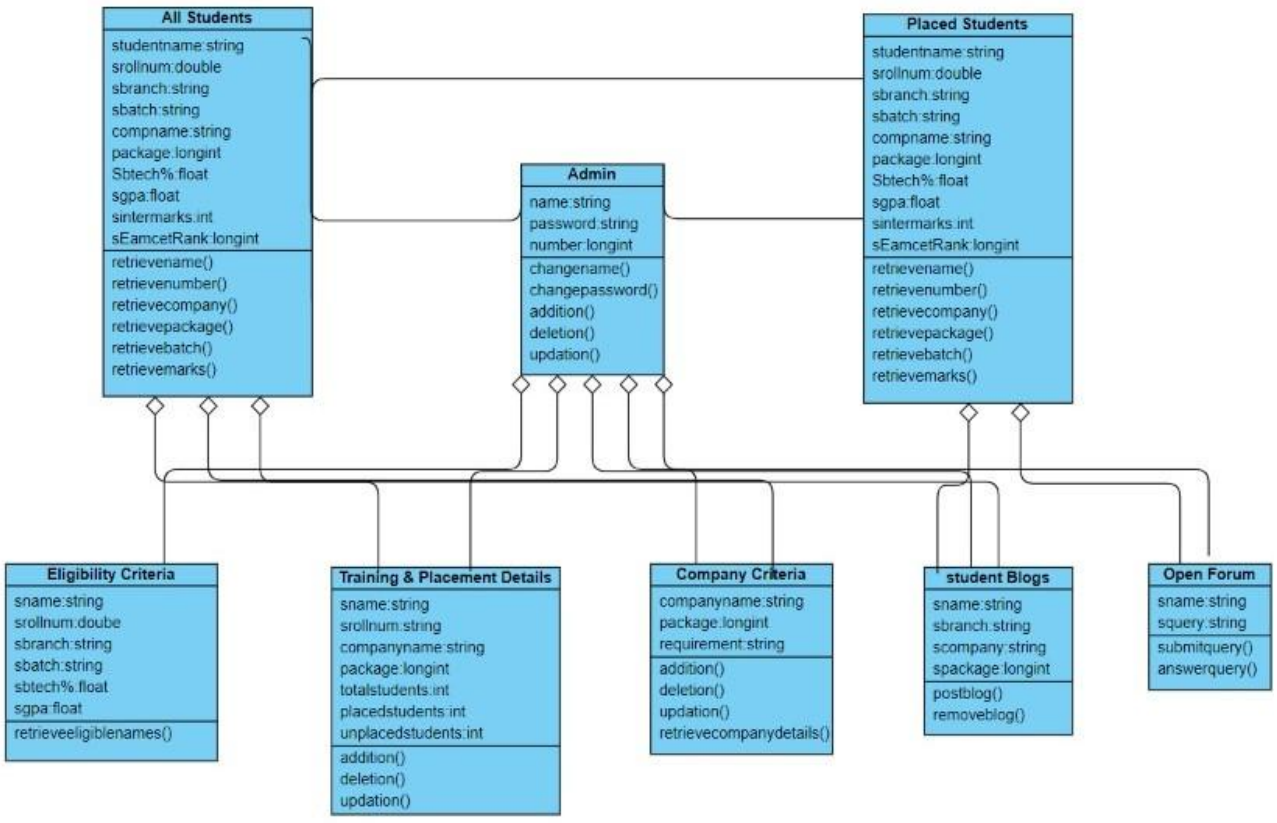
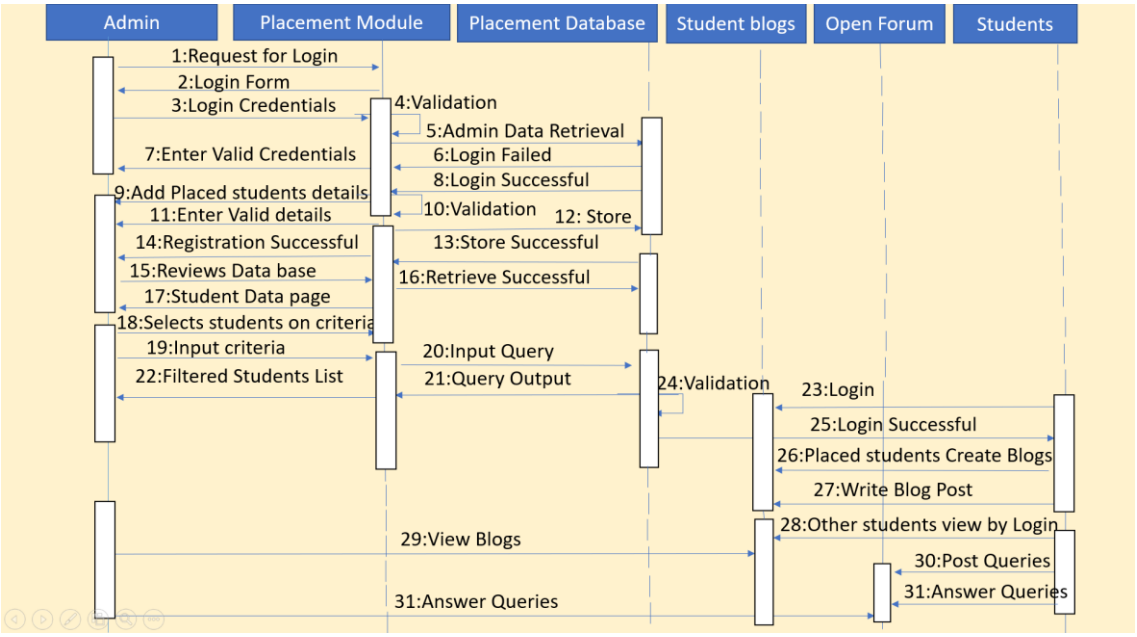
2	company	varchar(200)

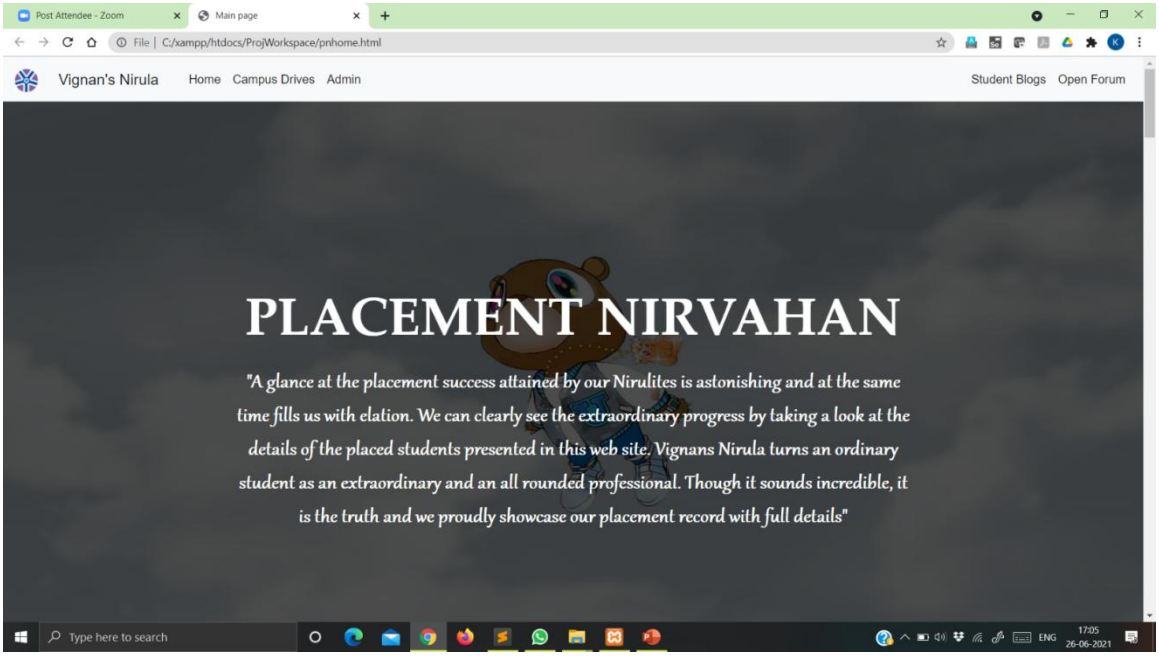


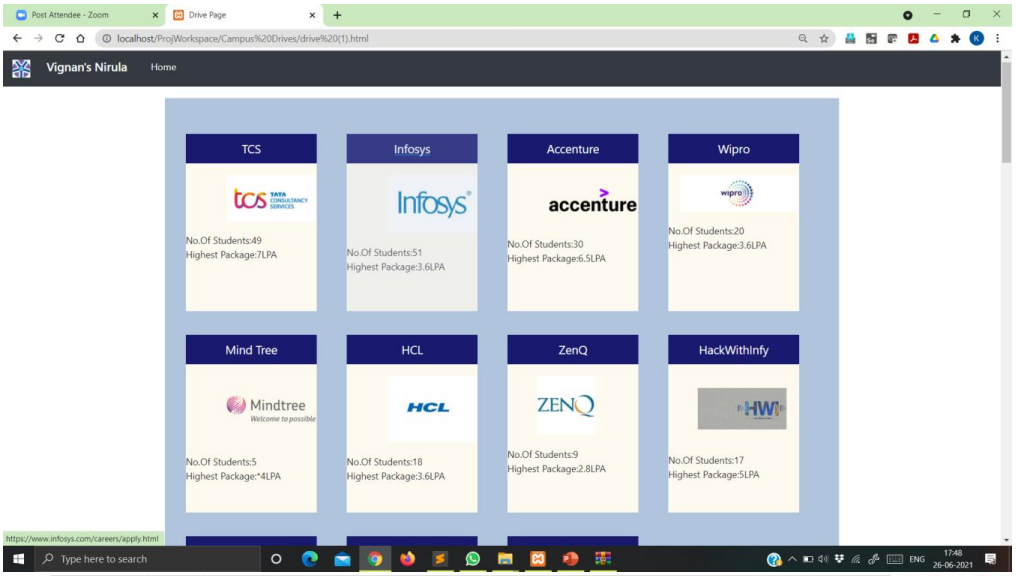
Class Diagram

Sequence Diagram



MAIN WINDOW





47	17NN1A0890	Navya Charitha	CSE	navya@omail.com	2147483647	ISRO	9749574	0
48	17NN1A05A8	Hasina	CSE	hasina@jmail.com	2147483647	IIT	893740	0
49	17NN1A0580	SHAMMI	CSE	shammi@smail.com	2147483647	TCS	490573	0
50	17NN1A0564	Priyanka	CSE	priyanka@pmail.com	2147483647	Google	908763	0
51	17NN1A0590	Vyshali	CSE	vyshali@vmail.com	9047589635	HCL	90947836	0
52	17NN1A0761	Gayathri	CSE	gayathri@lmail.com	8976543267	TCS(Digital)	7000000	0
55	17NN1A05A3	Anila	CSE	anila@amail.com	8937957395	IBM	9749769	0
56	17NN1A0761	Gayathri	CSE	gayathri@lmail.com	8976543267	TCS(Digital)	7000000	0
59	17NN1A0761	Gayathri	CSE	gayathri@lmail.com	8976543267	TCS(Digital)	7000000	0
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67	17NN1A0583	Navya Charitha Kommuri	CSE	navyacharita19@gmail.com	9390250272	Vignan Nirula Instit	456789	0
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Total Number of Selections is:40

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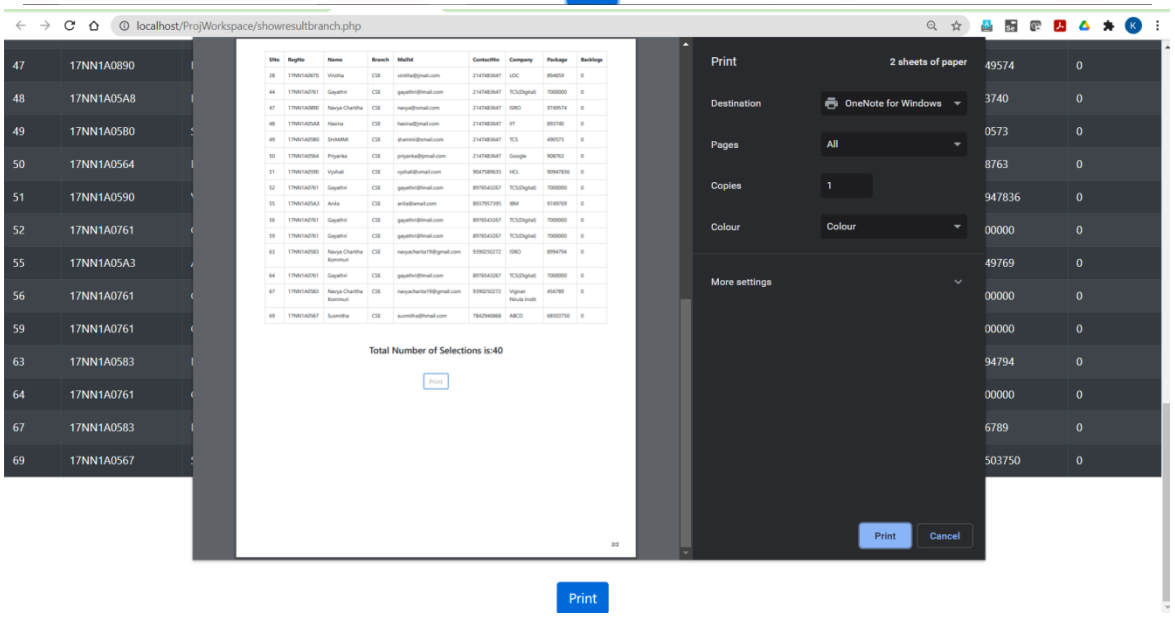

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V. CONCLUSION

Most of the work in the existing system involves human attention and intervention, and it is an error-prone

system. The main issue is finding and updating student data, as well as making placement and training information available to all students.Also data breaching is addressed as everything is authorized and automized.

REFERENCES

1. Talaba, D., Moja, A, Zirra, E., Guidelines towards a European standard for quality assurance of student placement, available in login space on www.q-planet.org.
2. Zirra E., March F., Building University - Enterprise Cooperation for the Benefit of Students, Enterprises and Companies. EUI-Net workshop, Athens 28 September (2006).http://www.eui-net.org/Project_documents/.
3. Tynjδlδ, P., Perspective into learning at the workplace,Educational Research Review, 3,2008,pp.130-154.
4. Training and Placement Department of Rajiv Gandhi Institute ofTechnology
5. Talaba D., University-Industry cooperation in the Knowledge based society. Proceedings of the 2nd International EUI-Net Conference on: Teaching and Research Synergy", 4-6 May, Tallinn, pp.7-13.(2006).
6. Fraser, S., Storey, D.J., Westhead, P., Student work placements in small firm: do they pay-off or shift tastes? Small Business Economics, 26, 2006,pp.125-144.