**Campus Placement Automation**

Submitted in partial fulfillment for the award of Degree

Bachelor of Technology

In

Computer Science & Engineering



Estd:1823

Under guidance of

Er. Prateek Saxena

Submitted by:

Rishab Bhatnagar (1500210087) Shivam Sharma (1500210102)

Sumesh Dutt Sharma (1500210107) Yogita Jain (1500210119)

Faculty of Engineering & Technology

Agra College, Agra

Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

(SESSION 2015-2019)

Faculty of Engineering & Technology

Agra College, Agra

Department of Computer Science & Engineering



**CERTIFICATE**

This is to certify that the project report entitled

**"CAMPUS PLACEMENT AUTOMATION"**

**has been successfully completed by**

**Rishab Bhatnagar Shivam Sharma Sumesh Dutt Sharma Yogita Jain**

**(1500210087) (1500210102) (1500210107) (1500210119)**

The student of 8th semester B. Tech (Computer Science & Engineering) under my supervision and guidance has to submitted in partial fulfillment of the requirement for award of degree of Bachelor of Technology in Computer Science & Engg. of Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY during the Academic year 2018-19.

H.O.D Under Guidance of

Dr. Anurag Sharma Er. Prateek Saxena Assistant Professor

**Declaration**

This is to certify that the project entitled "Campus Placement Automation" done by all members. This project is a bona-fide work carried at "Faculty of Engineering & Technology Agra College(Agra)". We hereby declare that this submission is your own work and that to the better of our knowledge and belief it contains no material previously published or written by another person nor material which to substantial extent has been accepted for the award of any other diploma of university or other institute of higher learning except where acknowledge has been made in text.

Rishab Bhatnagar (1500210087) Shivam Sharma (1500210102) Sumesh Dutt Sharma (1500210107) Yogita Jain (15000210119**)**

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**Introduction**

**Introduction to CPA**

**What is CPA**

Campus Placements Automation are organized in nearly all colleges by companies from various sectors for recruiting eligible applicants. Organization of placement drives stand in need of particular information of the applicants. This process is exercised manually which is chaotic for both students and the TPO(Training Placement Officer).

This project is to facilitate students in college to register the CPA’s website and after the registration, those Students can apply for jobs and study to one or more training like:- Java, PHP, Html/Css or preparation for MNC Exam( Aptitude/Reasoning and Interview). The students can access this system easily. In the main page there are options for a new register, a registered student to directly login using username and password. In the registration form, the student need to submit required details related educational qualifications, professional skills and upload photo and resume.

The College Placement faculty can register themselves by entering their details like employee id, subject and Position.

The Companies register with their company name, Job title, No. of vacancy, Job profile, Criteria.

The Admin of this system has the access to all the portal. He handles all login credentials. The admin can add, delete or edit information when need be. Communication between the College TPO, students, Company and Admin is made smooth through Read and Write Post option. Statistics of the previously placed students is provided to the students to acknowledge them about the companies approaching for campus placement.

The "Campus Placement Automation" has been developed to override the problems prevailing in the practicing manual system. this software is supported to eliminate and in some cases reduce the hardships faced by this existing system. moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

the application is reduced as much as possible to avoid errors while entering the data. it also provides error message while entering invalid data. no formal knowledge is needed for the user to use this system. thus by this all it proves it is user-friendly. campus recruitment system, as described above, can lead to error free, secure, reliable and fast management system. it can assist the user to concentrate on their other activities rather to concentrate on the record keeping. thus it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of company, college, student, placement, vacancy. every campus recruitment system has different college needs, therefore we design exclusive employee management system that are adapted to your managerial requirements. this is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. these systems will ultimately allow you to manage your workforce anytime, at all times.

**Need:**

The need of our project Campus Placement Automation are as:

* The main aim of developing this website was to reduce maximum chances of errors in manual work.
* Save time for the process.
* Also students get notified by the SMS instantly.
* Improve communication between students and teacher and companies.
* Provide prevention from fraud companies.
* Help student in finding study material.
* Provide secure environment for recruitment.

**Abstract of the project Campus Placement Automation:**

The purpose of campus placement automation is to automate the existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. the required software and hardware are easily available and easy to work with.

Campus placement automation, as describe above, can lead to error free, secure, reliable and fast management system. it can assist the user to concentrate on their other activities rather to concentrate on the record keeping. thus it will help organization in better utilization of resources. the organization can maintain computerized records in database without redundant entries. that means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual systems by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be store for longer period with easy accessing and manipulation of the same, basically the project describes how to manage for good performance and better services for the clients.

**Objective of Project on Campus Placement Automation:**

The main objective of the Project on Campus Placement Automation is to manage the details of college, Company, Job, Student, Vacancy. It manages all the information About College, Placement, Vacancy, College. The Project is totally built at administrative end and thus only the administrator is guaranteed the access, The purpose of the project Is to build an application program to reduce the manual work for managing the College, Company, Placement, Job. It tracks all the details about the job, Student training and provide better study material.

**Functionalities Provided by Campus Placement Automation are as follows:**

1. Provides the searching facilities based on various factors. Such as College, Job, Student, Vacancy
2. Campus Placement Automation also manage the Placement details online for Student details, Company details, College.
3. It track all the information of Company, Placement, Student etc.
4. Manage the information of Company.
5. Shows the information and description of the College, Job
6. To increase efficiency of managing the College, Company
7. It deals with monitoring the information and transactions of Student.
8. Manage the information of College
9. Editing, adding and updating of Records is improved which results in proper resource management of College data
10. Integration of all records of Vacancy.

**Scope of the project Campus Placement Automation:**

It may help collecting perfect management in details. In a very short time, the Collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Campus Placement Automation. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business Process automation. i.e. we have tried to computerize various processes of Campus Recruitment System.

* In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
* In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
* To assist the staff in capturing the effort spent on their respective working areas.
* To utilize resources in an efficient manner by increasing their productivity through automation
* The system generates types of information that can be used for various purpose.
* It satisfy the user requirement
* Be easy to understand by the user and operator
* Be easy to operate
* Have a good user interface
* Be expandable
* Delivered on schedule within the budget

**Reports of Campus Placement Automation:**

1. It generates the report on College, Placement, Student

2. Provide filter reports on Job, Student, Vacancy

3. You can easily export PDF for the College, Placement, Student

4. Application also provides excel export for Company, Job, Vacancy

5. You can also export the report into csv format for college, Company, Vacancy

**Modules of Campus Placement Automation:**

1. College Management Module: Used for managing the College details.

2. Vacancy Module:- Used for managing the details of Vacancy

3. Placement Module:- Used for managing the details of Placement

4. Company Management Module: Used for managing the information and details of the Company

5. Job Module:- Used for managing the Job details

6. Student Module:- Used for managing the Student informations

7. Login Module: Used for managing the login details

8. Users Module : Used for managing the users of the system

**Input Data and Validation of Project on Campus Placement Automation:**

* All the fields such as College, Job, Vacancy are validated and does not take invalid values
* Each form for College, Company, Placement can not accept blank value fields
* Avoiding errors in data
* Controlling amount of input
* Integration of all the modules/forms in the system
* Preparation of the MNC test module data..
* Recording of all the reproduced errors.
* Modifications done for the errors found during preparation.
* Functionality of the entire module/forms.
* Validations for user input.
* Checking of the Coding Standards Test data.
* Testing the module with all the possible test data.
* Testing of the functionality involving all type of calculations etc.
* Commenting standard in the source files.

**The software quality plan we will use the following SQA Strategy:**

* In the first step, we will select the test factors and rank them. The selected test factors such as reliability, maintainability, portability or etc, will be placed in the matrix according to their ranks.
* The second step is for identifying the phases of the development process. The phase should be recorded in the matrix.
* The third step is that identifying the business risks of the software deliverables.
* The risks will be ranked into three ranks such as high, medium and low.

**Features of the project Campus Placement Automation:**

* Product and Component based
* Creating & Charging Issues at ease
* Query Issue List to Any depth
* Reporting & Charting in more comprehensive way
* User Accounts to control the access and maintain security
* Simple Status & Resolutions
* Multi-level Priorities & Severities.
* Targets & Milestones for guiding the programmers
* Attachments & Additional Comments for more information
* Robust database back-end
* Various level of reports available with a lot of filter criteria’s
* It contain better storage capacity
* Accuracy in work.
* Easy & fast retrieval of information
* Well designed reports.
* Decrease the load of the person involve in existing manual system.
* Access of any information individually.
* 18. Work becomes very speedy.
* 19. Easy to update information

**Software Requirement Specification:**

The Software Requirements Specification is produced at the culmination of the analysis task. The function and performance allocated to software as part of system engineering are refined by establishing a complete information description, a detailed functional and behavioral description, an indication of performance requirements and design constraints, appropriate validation criteria, and other data pertinent to requirements.

**The proposed system has the following requirements:**

* System needs store information about new entry of College.
* System needs to help the internal staff to keep information of Company and find them as per various queries.
* System need to maintain quantity record.
* System need to keep the record of Job.
* System need to update and delete the record
* System also needs a search area.
* It also needs a security system to prevent data

**Identification of need:**

The old manual system was suffering from a series of drawbacks. Since whole of the system was to be maintained with hands the process of keeping, maintaining and retrieving the information was very tedious and lengthy. The records were never used to be in a systematic order. There used to be lost of difficulties in associating any particular transaction with a particular context. If any information was to be found it was required to go through the different registers, documents there would never exist anything like report generation .there would always be unnecessary consumption of time while entering recodes and retrieving records. One more problem was that it was very difficult to find error while entering records. Once the records were entered it was very difficult to update these records.

The reason behind it is that there is lot of information to be maintained and have to be kept in mind while running the business. For this reason we have provided features present system is partially automated, actually existing system is quite laborious as one has to enter same information at three different places.

**Following points should be well considered:**

* Documents and reports that must be provided by the near system: there can also be few reports, which can help management in decision making and cost controlling, but since these reports do not get required attention, such kind of reports and information were also identified and given required attention.
* Details of the information needed foe each document and report.
* The required frequency and distribution for each documents.
* Probable sources of information for each document and report.

**Feasibility Study:**

after doing the campus recruitment system, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. all projects are feasible-give unlimited resources and infinite time.

Feasibility study includes consideration of all the possible ways to provide a solution to the give problem. he purpose solution should satisfy all the user requirements and should be flexible enough so that future change can be easily done based on the future upcoming requirements.

1. **Economical Feasibility**

This is very important aspect to be considered while developing a project. we decided the technology based on minimum possible coast factor.

* All hardware and software cost has to be borne by the organization.
* Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial coast and the later on running coast for system.

1. **Technical Feasibility**

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. for this feasibility study, we studied complete functionality to be provided in the system, as described in the system requirement specification, and checked if everything was possible using different type of fronted and backend platforms.

1. **Operational Feasibility**

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. besides, a proper training has been conducted to let know the essence of the system to the user so that they feel comfortable with new system. as far our study is concerned the clients are comfortable and happy as the system has cut down their load and doing.

**System Design of Campus Placement Automation:**

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the clients requirements into a logically working system. normally, design is performed in the following in the following two steps:

1. **Primary Design Phase:**

In this phase, the system is designed at block level. the blocks are created on the basis of analysis done in the problem identification phase. different block are created for different functions emphasis is put on minimizing the information flow between blocks. thus all activities which require more interaction are kept in one block.

1. **Secondary Design Phase:**

In the secondary phase the detailed design of every block is performed.

**The general tasks involved in the design process are the following:**

1. Design various block for overall system processes.
2. Design smaller, compact and workable module in each block.
3. Design various database structure.
4. Specify details of programs to achieve desired functionality.
5. perform documentation of the design.
6. Design the form of input, and outputs of the system.
7. System reviews.

**User Interface Design:**

User Interface Design is concerned with the dialogue between a user and the computer. it is concerned with everything from starting the system or logging into the system to the eventually presentation of desired inputs and outputs. the overall flow of screens and messages is called a dialogue.

**The Following steps are various guidelines for user interface design:**

1. The system user should always be aware be aware of what to do next.
2. The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area.
3. Message, instructions or information should be displayed long enough to allow the system user to read them.
4. Use display attributes sparingly.
5. Default values for fields and answers to be entered to be the user should be specified.
6. A user should not be allowed to proceed without correcting an error.
7. The system user should never get an operating system message or fatal error.

**Preliminary product Description:**

The first step in the system development life cycle is the preliminary investigation to determine the feasibility of the system. The purpose of the preliminary investigation is to evaluate project requests. is is not a design study nor does it include the collection of details to describe the business system in all respect. rather it is the collecting of information that help committee members to evaluate the merits of the project request and make an informed judgment about the feasibility of the purposed project.

Analysts working on the preliminary investigation should accomplish the following objectives:

* Clarify and understand the project request.
* Determine the size of the project.
* Assess coast and benefits of alternatives approaches.
* Determine the technical and operational feasibility of alternative approaches.
* Report the findings to management, with recommendations outlining the acceptance or rejection of the proposal.

**Benefit to organization:**

The organization will obviously be able to gain benefits such as savings in operating coast, reduction in paperwork, better utilization of human resources and more presentable image increasing goodwill.

**The Initial Coast:**

The initial coast of setting up the system will include the coast of hardware software (os , add-on software, utilities) & labor (setup &maintenance). The same has to bear by the organization.

**Running Cost:**

Besides, the initial cost the long term cost will include the running cost for the system including the AMC, stationary charges, cost for human resources, cost for update/renewal of various related software.

**Need for Training:**

The user along with the administrator need to be trained at the time of implementation of the system for smooth running of the system. the client will provide the training site.

we talked to the management people who were managing a the financial issues of the center, the staff who were keeping the records in lots of registers and the reporting manager regarding their existing system, then we did the system study of the entire system based on their requirements and the additional features they wanted to incorporate in this system.

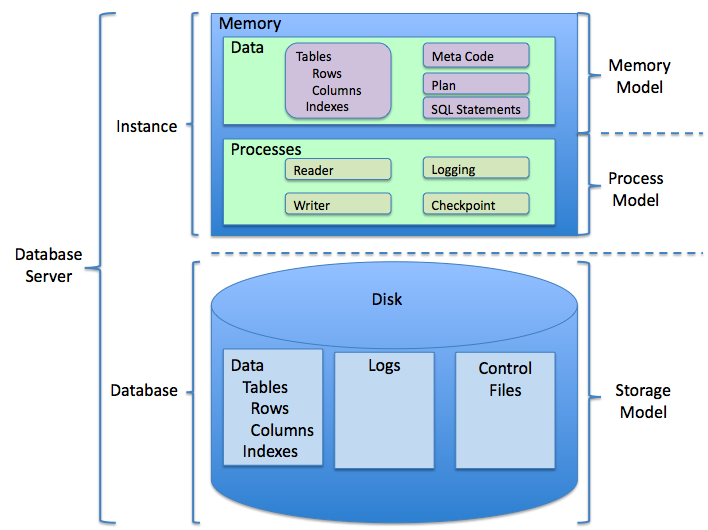
**Project Category:**

Relational Database management System: this is an RDBMS based project which is currently using MYSQL for all the transaction statements. MYSQL is an open source RDBMS system.

**Brief Introduction about RDBSM:**

A relational database management system is a database management system that is based in the relational model as invented by E.F. coded, of IBM's san jose research laboratory. many popular database currently in use are based on the relational database model.

RDBMSs have become a predominant choice for the storage of information in new database used for financial records, manufacturing and logistical information, personnel data and much more since the 1980's. relational databases have often replaced legacy hierarchical databases and network database because they are easier to understand and use. however relational database have been challenged by object database, which were introduced in an attempt to address the object-relational impedance mismatch in relational database and XML databases.



**Implementation Methodology:**

Model view controller or MVC as it is popularly called, is a software design pattern for developing web app. A model view controller pattern is made up of the following thee parts:

* Model:- the lowest level of the pattern which is responsible for maintaining data.
* View:-this is responsible for displaying all or a portion of the data to the user.
* Controller:-Software code that controls the interaction between the model and view.

MVC is popular as it isolates the app logic from the user interface layer and support separation of concerns. here the controller receives all requests for the app and then work with the model to prepare any data needed by the view. the view then uses the data prepared by the controller to generate a final presentable response.

**Project planning:**

Software project plan can be viewed as the following:

**1. With the organization:**

How the project is to be implemented? What are various constraints? What is market strategy?

**2. With respect to the customer:**

Weekly or timely means with the customer with presentation on status reports customers feedback is also taken and further modification and developments are done. Project milestones and deliverables are solo presented to the customer.

**For a successful software project, the following steps can be followed:**

* Select a project

1. Identifying projects aims and objectives.
2. Understanding requirements and specification.
3. Methods of analysis, design and implemenatation.
4. Testing techniques.
5. Documentation.

* Project milestone and deliverables.
* Budget allocation.
* Project estimates.

1. Cost
2. Time
3. Size
4. Duration

* Resource allocation

1. Hardware
2. Software
3. Previous relevant project information
4. Digital library

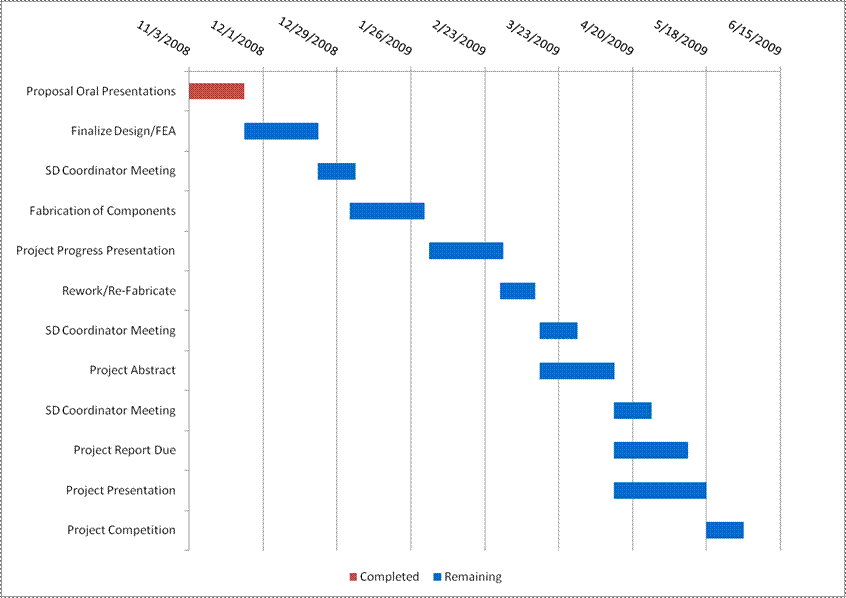
* Risk management

1. **Risk avoidance**
2. Risk detection

**Project Scheduling:**

An elementary Gantt chart or timeline chart for the development plan is given below.

The plan explains the tasks versus the time they will take to complete.



**Cost estimation of the project:**

Software cost comprises a small percentage of overall computer-based system cost. There are a number of factors, which are considered, that can affect the ultimate cost of the software such as-human, technical, hardware and software availability etc.

The main point that was considered during the cost estimation of project was its sizing. In spite of complete software sizing, function point and approximate lines of code were also used to size each element of the software and their costing.

The coast estimation done by me for project also depend upon the baseline metrics collected from past projects and these were used in conjunction with estimation variables to develop cost and effort projections.

We have basically estimated this project mainly on two bases-

**1. Effort Estimation-**

This refers to the total man-hours required for the development of the project. It even includes the time required for doing documentation and user manual.

**2. Hard Required Estimation-**

This includes the cost of the PCs and the hardware cost required for development of this project.

**Tools/platform, hardware and Software Requirement specification**

**Software Requirement:**

**Name of component Specification**

Operating System window 98, window XP, window7,linux

Language Java 2 Runtime Environment

Database MYSQL server

Browser Any of Mozilla, Opera, Chrome etc.

Web server tomcat 7

Software Development Kit Java JDK 1.7 or Above

Scripting Language Enable JSP (java server pages)

Database JDBC Driver MYSQL connector

**Project profile**

There has been continuous effort to develop tools, which can ease the process of software development. But, with the evolving trend of different programming paradigms today’s software developers are really challenged to deal with the changing technology. Among other issues, software re-engineering is being regarded as an important process in the software development industry. One of the major tasks here is to understand software that are already developed and to transform them to a different software environment. Generally, this require a lot of manual effort in going through a program that might have been developed by another programmer. This project makes a novel attempt to address the issued of program analysis and generation of diagrams, which can depict the structure of program in better way.

**Use cases:**

Elicit requirement from user in meaningful chunks. Construction planning is built around delivering some use cases n each interaction basis for system testing.

**Class diagrams:**

Shows static structure of concepts, type and class. Concepts how users think about the world type shows interface of software components; classes shows implementation of software components.

**Interaction diagram:**

Shows how several objects collaborate in single use case.

**Package diagrams:**

Show group of classes and dependencies among them.

**State diagram:**

Show how single object behaves across many use cases.

**Activity diagram:**

Show behavior with control structure. Can show objects over many uses, many object in single use case, or implementations methods encourage parallel behavior, etc.

The end product of this project is a comprehensive tool that can parse any vb.net program and extract most of the object oriented features inherent in the program such as polymorphism, inheritance, encapsulation and abstraction.

**What is UML ?**

UML stands for unified modeling language is the successor to the wave of object oriented and design(OOA&D) methods that appeared in the late 80’s. It most directly unifies the methods of booch, Rumbaugh and jacobson. The UML is called language , not a method. Most, method consist at least in principal of both a modeling language and a process. The modeling consist are least in principle, of both a modeling language is that notation that methods used design.

**Notation and Meta-models:**

The notation is the graphical stuff; it is the modeling language . for instance, class diagram notation defines how items are concepts such as class, association, and multiplicity is represented. These are:

**Class Diagram:**

The class diagram technique has become truly central within object oriented methods. Virtually every method has included some variation on this technique. Class diagram is also subject to the greatest range of modeling concept. Although the basic element are needed by everyone, advanced concepts are used less often. A class diagram describes the types of objects in the system and the various kinds of static relationship:

* Association
* Subtype

Class diagram also show the attributes and operations of a class and the constraints that apply to the way objects are connected.

**Association:**

Association represent between instances of class. From the conceptual perspective, association represents conceptual relations between classes. Each association has two roles. Each role is a direction on the association. A role also has multiplicity, which is a indication of how many objects may participate in the given relationship.

**Generalization:**

A typical example of generalization evolves the personal and corporate customer of a business. They have differences but also many similarity. The similarities can be placed in generalization with personal customer and corporate customer sub type.

**Aggregation:**

Aggregation is the part of relationship. It is like saying a car has engine and wheels as its parts, this sounds good, but difficult thing is considering what is the difference is aggregation and association.

**Interaction:**

Interaction diagrams are models that describes how groups of objects collaboration in some behavior.

Typically an interaction diagram captures the behavior a single use cases. The diagram shows a number of example objects and the massages that are passed between these in use cases. These are following approaches with simple use case that exhibits the following behavior.

Objects can send a massage to another. Each massage is checks with given stock item. There are two diagrams: Sequence and Collaboration diagram.

**Package Diagram:**

One of the oldest questions in software methods is : how do you break down a large system into smaller systems? It becomes difficult to understand and the changes we make to them.

Structured methods used functional decomposition in which the overall system was mapped as a function broken down into sub function, which is further broken down into sub function and so forth.

A dependency exists between two elements if changes to the definition of one element may cause to other. With classes dependencies exist for various reasons: one class sends a message to another; one class has another as part of its data; one class mentions another as a parameter to an operation. A dependency between two packages exists; and any dependencies exist between any two classes in the package.

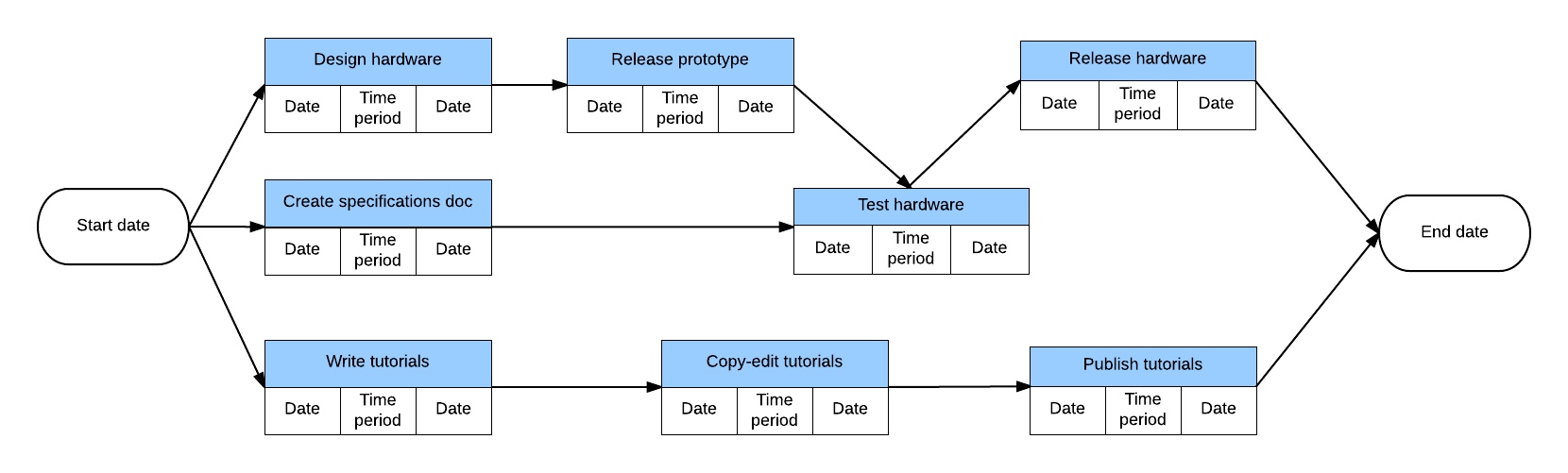
**State diagram:**

State diagram are a familiar technique to describe the behavior of a system. They describe all the possible states a particular object can get into and how the objects sate changes as a result of events that reach they objects. In most OO technique, state diagrams are drawn for a single class to show the lifetime behavior of a single object. There are many from of state diagram, each with slightly different semantics. The most popular one used in OO technique is based on David Harel’s state chart.

**PERT CHART (Program Evaluation Review Technique)**

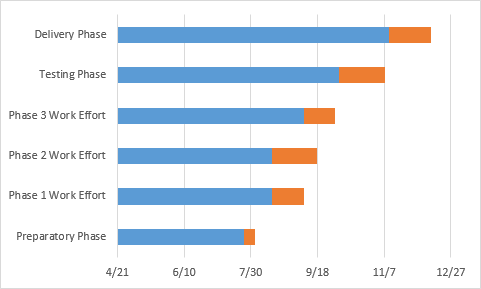
PERT chart is organized for events, activities or tasks. It is a scheduling device that shows graphic

Ally the order of the task to be performed. It enables the calculation of the critical path. The time and cost associated along a path is calculated and the path requires the greatest amount of elapsed time in critical path.



**GANTT CHART**

It is also know as Bar chart is used exclusively for scheduling purpose. It is a project controlling technique. It is used for scheduling. Budgeting and resourcing planning. A Gantt is bar chart with each bar representing activity. The bars are drawn against a time line. The length of time planned for the activity. The Gantt chart in the figure shows the gray part is slack time that is the latest by which a task has been finished.



**Use Case Model of the Project:**

The use case model for any system consists of “use cases”. Use cases represent different ways in which the system can be used by the user. A simple way to find all the use case of a system is to ask the question “What the user can do using the system” The use cases petition the system behavior into transactions such that each transaction performs some useful action from the users point of view.

The purpose of the use case to define a piece of coherent behavior without reveling the internal structure of the system. An use case typically represents a sequence of interaction between the user and the system. There interactions consists of one main line sequence is represent the normal interaction between the user and the system. The use case model is an important analysis and design artifact. Use cases can be represented by drawing a use case diagram and writing an accompany text elaborating the drawing.

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In the use case diagram each use case is represented by an ellipse with the name of use case written inside the ellipse. All the ellipse of the system are enclosed with in a rectangle which represents the system boundary. The name of the system being modeled appears inside the rectangle. The different users of the system are represented by using stick person icon. The stick icon is normally referred to as an actor. The line connecting the actor and the use cases is called the communication relationship. When a stick person icon represents an external system it is annotated by the stereo type<<external system>>.

**Dataflow Diagram:**

Data flow diagram is the starting point of the design phase that functionally decomposes the requirement the specification. A DFD consists of a series of bubbles joined by lines. The bubbles represent data transformation and the lines represent data flows in the system. A DFD describes what data flow rather than how they are processed, so it does not hardware, software and data structure.

A data flow diagram is a graphical representation of the “flow” of data through an information system. DFDs can also be used for the visualization of data processing. A data flow diagram is a significant modeling technique for analyzing and constructing information processes. DFD literally means an illustration that explains the course or movement of information in a process. DFD illustrates this flow of information in a process based on the inputs and outputs. A DFD can be referred to as a process model.

The data flow diagram is a graphical description of a system data and how to process transform the data is know as data flow diagram.

Unlike details flow chart, DFDs don’t supply detail descriptions of modules that graphically describe a system data and how the data interact with the system. Data flow diagram number of symbols and the following symbols are of by Demarco.

**There are seven rules for construct a data flow diagram.**

1. Arrows should not cross each other.
2. Squares, circles and files must wears names.
3. Decomposed data flows must be balanced.
4. No two data flows, squares or circles can be the same names.
5. Draw all data flows around the outsides of the diagram.
6. Choose meaningful names for data flows, processes & data stores.
7. Control information such as record units, password and validation requirements are not penitent to a data flow diagram.

**About ER Diagram:**

**Entity Relationship Diagram**

E-R Model is a popular high level conceptual data model. This model and its variations are frequently used for the conceptual design of database application and many database design tools employ its concept.

A database that confirms to an E-R diagram can be represented by a collecton of tables in the relational system .The mapping of E-R diagram to the entities are:

* Attributes
* Relations
* Many-to many
* Many-to one
* One-to many
* One-to –one
* Weak entities
* Sub-type and super type

The entities and their relationships between them are shown using following conventions.

* An entity is shown in rectangle.
* A diamond represent the relationship among number of entities.
* The attributes shown as ovals are connected to the entities or relationship by lines.
* Diamond, oval and relationships are labeled.
* Model is an abstraction process that hides super details while highlighting details relation to application at end.
* A data model is a mechanism that provide this abstraction for database application.
* Data modeling is used for representing entities and their relationship in the database.
* Entities are the basic units used in modeling database entities can have concrete existence or constitute ideas or concepts.
* Entity type or entity set is a group of similar objects concern to an organization for which it maintain data.
* Properties are characteristics of an entity also called as attributes.
* A key is a single attribute or combination of 2 or more attributes of an entity set is used to identify one or more instances of the set.
* In relational model we represent the entity by a relation and use tuples to represent an instance of the entity.
* Relationship is used in data modeling to represent in association between an entity set.
* An association between two attributes indicates that the values of the associated attributes are independent.

**Security Testing of the project:**

Testing is vital for the success of any software. No system design is ever perfect. Testing is also carried in two phases. First phase is during the software engineering that is during the module creation. Second phase is after the completion of software. This is system testing which verifies that the whole set of programs hanged together.

**White Box Testing:**

In this technique, the close examination of the logical parts through the software are tested by cases that exercise species sets of conditions or loops. All logical parts of the software checked once. error that can be executed once may be getting executed more than once and error resulting by using wrong control and loops. When the box testing tests all the independent part within a module a logical decisions on their true and false side are exercised all loops and bounds within their operational bounds were exercised and internal data structure to ensure their validity were exercised once.

**Black Box Testing:**

**This method enables the software engineer to device sets of input** techniques that fully exercise all functional requirement for a program. Black box testing tests the input, the output and the external data. It checks whether the input data is correct and whether we are getting the desired output.

**Alpha Testing:**

Acceptance testing is also sometimes called alpha testing. Be spoke systems are developed for a single customer. The alpha testing proceeds until the system developed and the customer agree that the provided system is an acceptable implementation of the system requirements.

**Beta Testing:**

On the other hand, when a system is to be marked as a software product, another process called beta testing conducted. During vita testing, a system is delivered among a number of potential users who agree to use it.

**Unit Testing:**

Each module is considered independently. It focuses on each unit of software as implemented in the source code. It is white box testing.

**Integration Testing:**

Integration Testing aims at constructing the program structure while at the same constructing tests to uncover errors associated with interfacing the modules. Modules are integrated by using the top down approach.

**Validation Testing:**

Validation testing was performed to ensure that all the functional and performance requirements are met.

**System Testing:**

It is executing program to check logical changes mode in it with intention of finding errors. A system is tested for online response, volume of transaction, recovery from failure etc. System testing is done to ensure that the system satisfies all the user requirements.

**Detailed Design of Implementation:**

This phase of the systems development life cycle refines hardware and software specifications,

Establishes programming plans, trains users and implements extensive testing procedures, to evaluate design and operating specifications and/or provide the basis for further modification

**Technical Design**

This activity builds upon specifications produced during new system design, adding detailed

Technical specifications and documentation.

**Test Specifications and Planning**

This activity prepares detailed test specifications for individual modules and programs, job

Stream, subsystems, and for the system as a whole.

**Programming and testing**

This activity encompasses actual development, writing, and testing of program units or modules.

**User Training**

This activity encompasses writing user procedure manuals, preparation of user training

Materials, conducting training programs, and testing procedures.

**Acceptance Test**

A final procedural review to demonstrate a system and secure approval before a system

Becomes operational.

**Installation Phase**

In this phase the new Computerized system id installed, the conversion to new procedures is

Fully implemented, and the potential of the new system is explored.

**System Installation**

The Process of starting the actual use of a system and training user personnel in its operation.

**Review Phase**

This Phase evaluates the successes and failures during a systems development project, and to

Measure the results of a new Computerized Transystem in terms of benefits and savings

Projected at the start of the project.

**Development Recap**

A review of a project immediately after completion to find successes and potential problems in future work.

**Post-Implementation Review**

A review, conducted after a new system has been in operation for some time, to evaluate actual system performance against original expectations and projections for cost-benefit improvements. Also identifies maintenance projects to enhance or improve the system.

**THE STEPS IN THE SOFTWARE TESTING:**

The steps involved during Unit testing are as follows:

a. Preparation of the test cases.

b. Preparation of the possible test data with all the validations check.

c. Complete code review of the module.

d. Actual testing done manually.

e. Modifications done for the errors found during testing.

**The unit testing done included the testing of the following itmes:**

* Functionality of the entire module/forms.
* Validations for user input.
* Checking of the Coding standards to be maintained during coding.
* Testing the module with all the possible test data.
* Testing of the functionality involving all type of calculations etc.
* Commenting standard in the source files.
* After completing the Unit testing of all the modules, the whole system is integrated the modules on by one and tested the system at each step. This helped in reduction of errors at the time of the system testing.

**The steps involved during System testing are as follows:**

1. Integration of all the modules/forms in the system.

2. Preparation of the possible test data with all the validation checks.

3. Actual testing done manually.

4. Recording of all the reproduced errors.

5. Modifications done for the errors found during testing.

6. Prepared the test result scripts after rectification of the errors.

**The System Testing done included the testing of the following items:**

1. Functionality of the entire system as a whole.

2. User Interface of the system.

3. Testing the dependent modules together with all the possible test data scripts.

4. Verification and Validation testing.

5. Testing the reports with all its functionality.

After the completion of system testing, the next following phase was the Acceptance Testing. Clients at their phase of the project delivery.

**There are other six tests, which fall under special category, They are described below:**

Peak Load Test: It determines whether the system will handle the volume of activities that occur when the system is at the peak of its processing demand. For example, test the system by activating all terminals at the same time

**Project Report of Campus Placement Automation:**

1. Storage Testing: It determines the capacity of the system to store transaction data on a disk or in other files.

2. Performance Time Testing: it determines the length of time system used by the system to process transaction data. This test is conducted prior to implementation to determine how long it takes to get a response to an inquiry, make a backup copy of a file, or send a transmission and get a response.

3. Recovery Testing: This testing determines the ability of user to recover data or re-start system after failure. For example, load backup copy of data and resume processing without data or integrity loss.

4. Procedure Testing: It determines the clarity of documentation on operation and uses of system by having users do exactly what manuals request. For example, powering down system at the end of week or responding to paper out light on printer.

**System Analysis:**

System analysis is a process of gathering and interpreting facts, diagnosing problems and the information about the campus recruitment system to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system. The outputs from the organizations are traced to the various processes. A detailed study of the process must be made by various techniques like interviews, questionnaires etc. the data collected by these source must be scrutinized to arrive to a conclusion. The conclusion is an understanding of how the system functions. This system is called the existing system. Now the existing system is subjected to close study and problem areas are identified. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system .the outputs from the organizations are traced to the various processes. This is loop that ends as soon as the user is satisfied with proposal. Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. Preliminary study is problem solving activities that require intensive communication between the system user and system developers. It does various feasibility studies. In these studies a rough figure of the system activities can be obtained from which the decision about the strategies to be followed for effective system study and analysis can be taken

**Existing System of Campus Placement Automation:**

In the existing system the exam are done only manually but in proposed system we have to computerize the exam using this application

* lack of security
* more man power
* time consuming
* consumes large volume of pare work
* Needs manual calculations.
* No direct role for the higher officials.

**Proposed system of campus placement automation:**

The aim of proposed system is to develop a system of improve facilities. The proposed system can overcome all the limitations of the existing system. the system provides proper security and reduces the manual work.

* security of data

* ensure data accuracy's
* Proper control of the higher officials.
* minimize manual data entry
* Minimum time needed for the various processing.
* greater efficiency
* better service
* user friendliness and interactive
* minimum time requirement

**Data Dictionary:**

This is normally represented as the data about data. it is also termed as metadata some times which gives the data stored in the database. it defines each data term encountered during the analysis and design of a new system. Data elements can describe files or the processes.

Following are some major symbols used in the data dictionary

* =equivalent to
* +and
* [ ] either/or
* ( ) optional entry

**following are some rules, which defines the construction of data dictionary entries:**

1. Words should be defined to understand for what they need and not the variable need by which they may be described in the program.

2. Each word must be unique. We cannot have two definition of the same client.

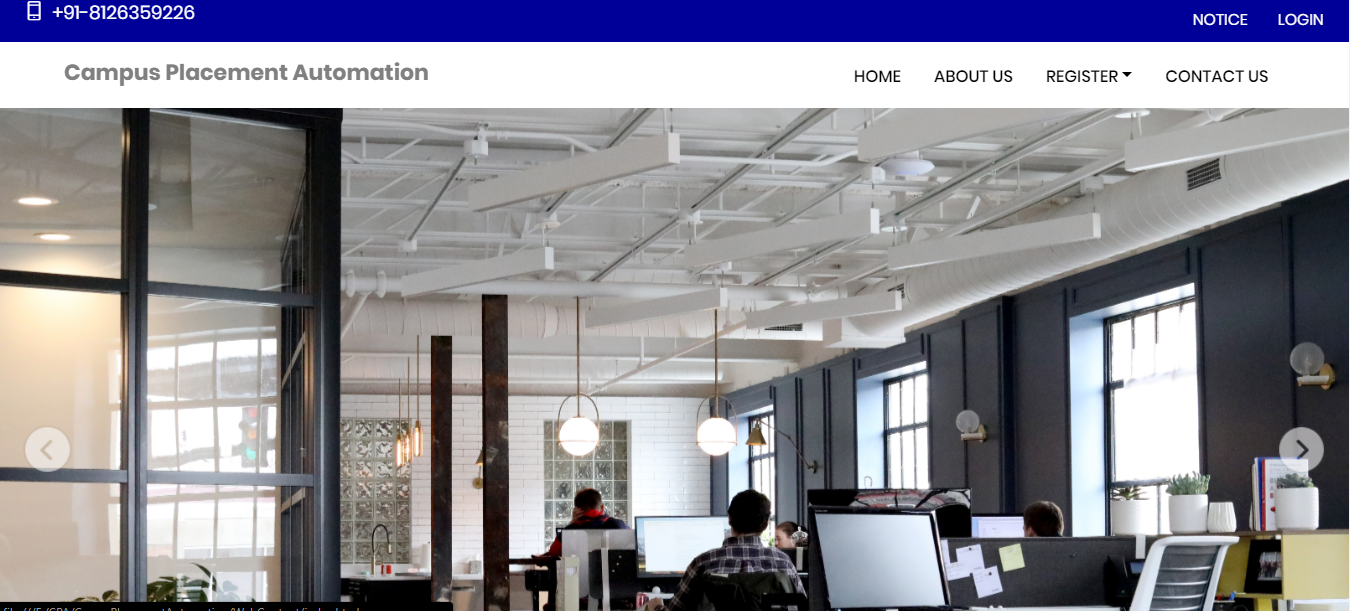
3. Aliases or synonyms are allowed when two or two enters shows the same meaning. For example a vendor number may also be called as customer number.

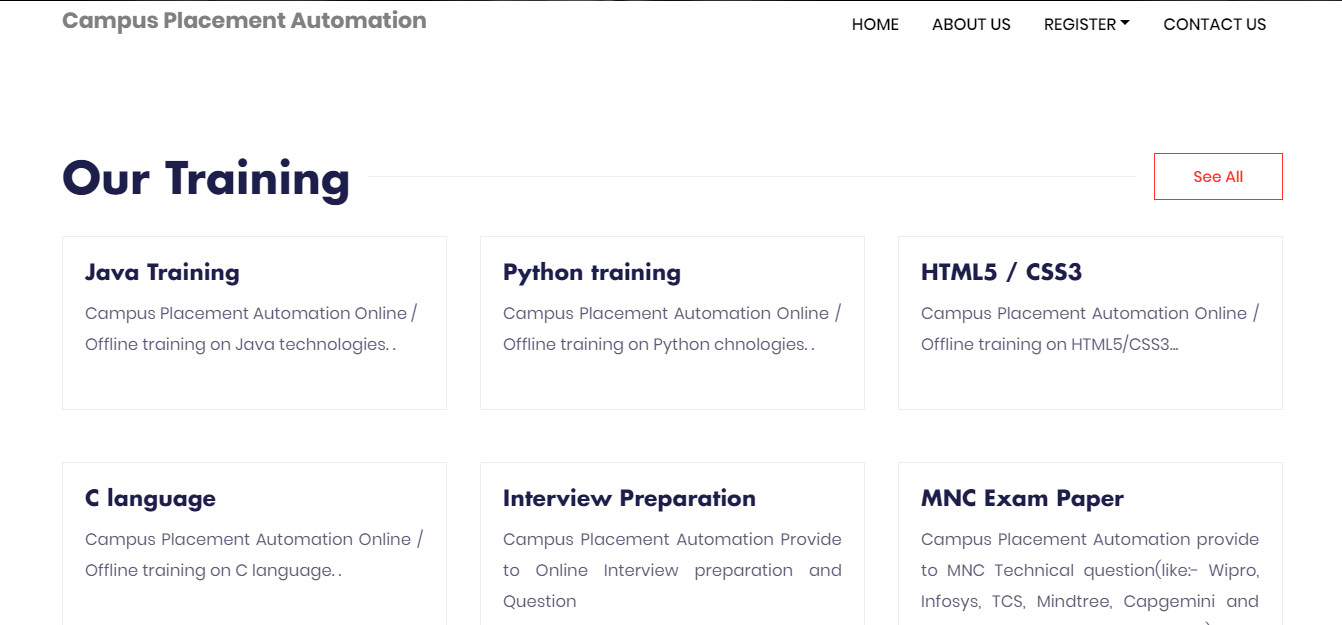
4. A self defining world should not be decomposed. it means that the reduction of any information in to subpart should be done only if it is really required that is it not easy to understand directly.

Data dictionary includes information such as the number of records in file the frequency a process will run, security factor like pass word which user must enter to get excess to the information.

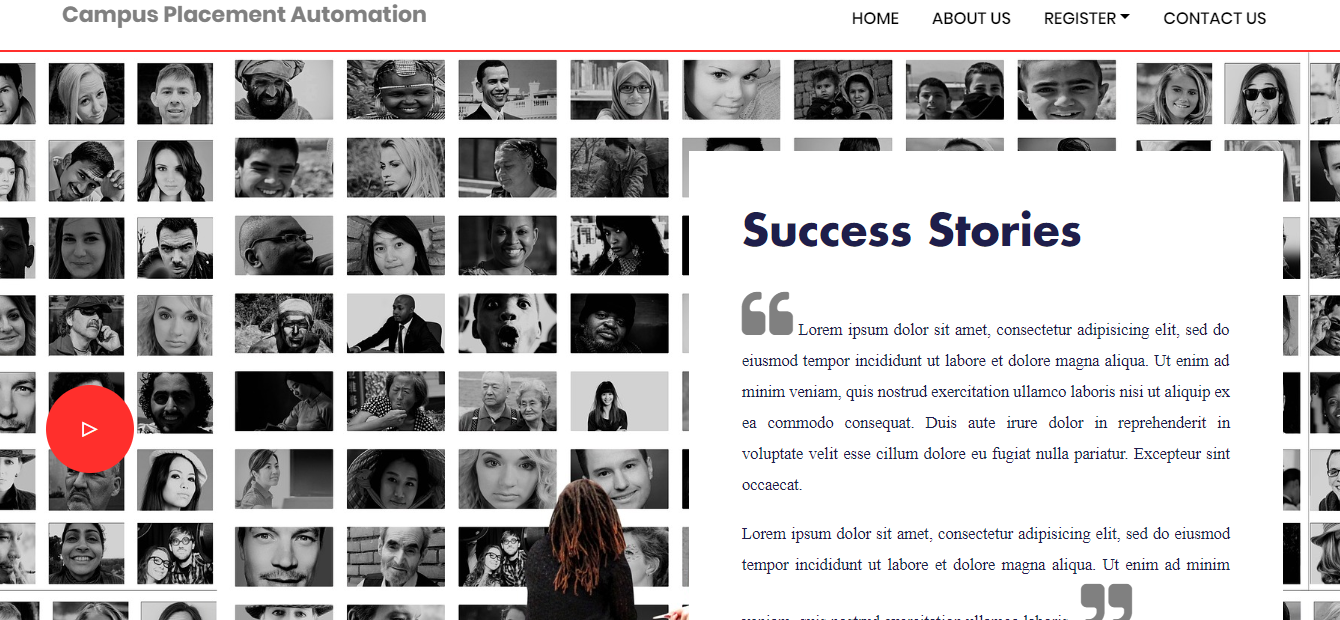
**ScreenShot of the Campus Placement Automation**

**HOME PAGE**

****

****

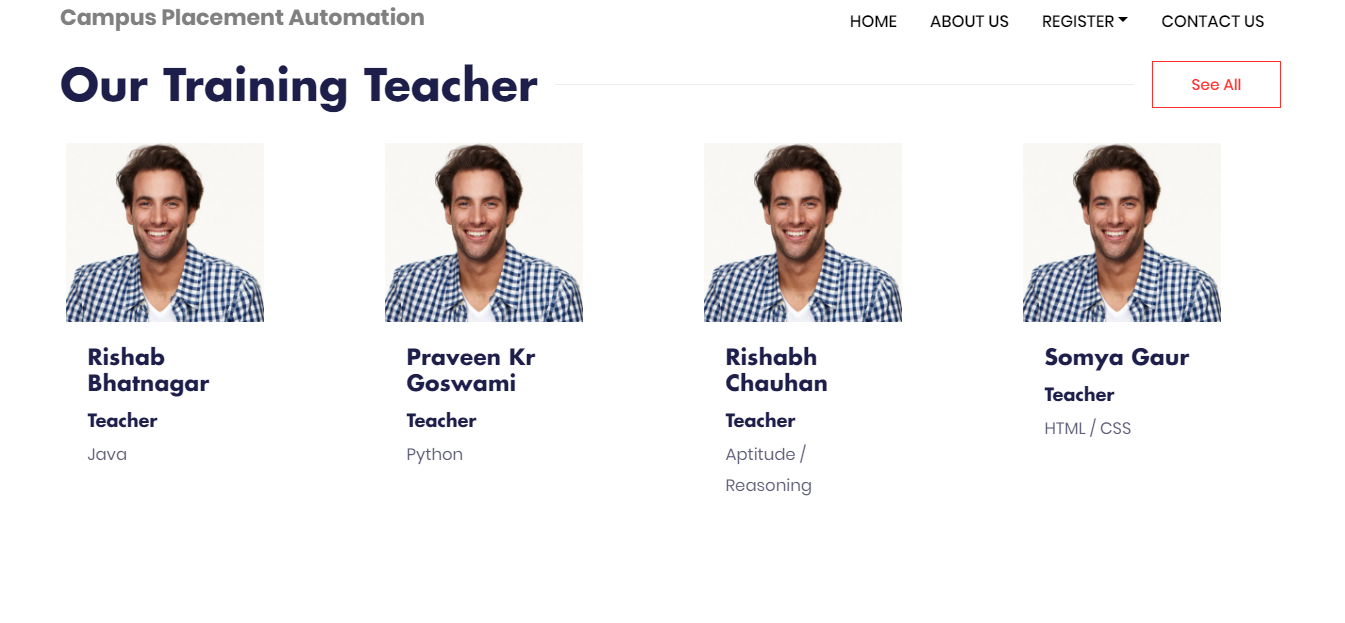
**HOME PAGE- SUCCESS STORY**

****

**HOME PAGE- ABOUT CPA**

****

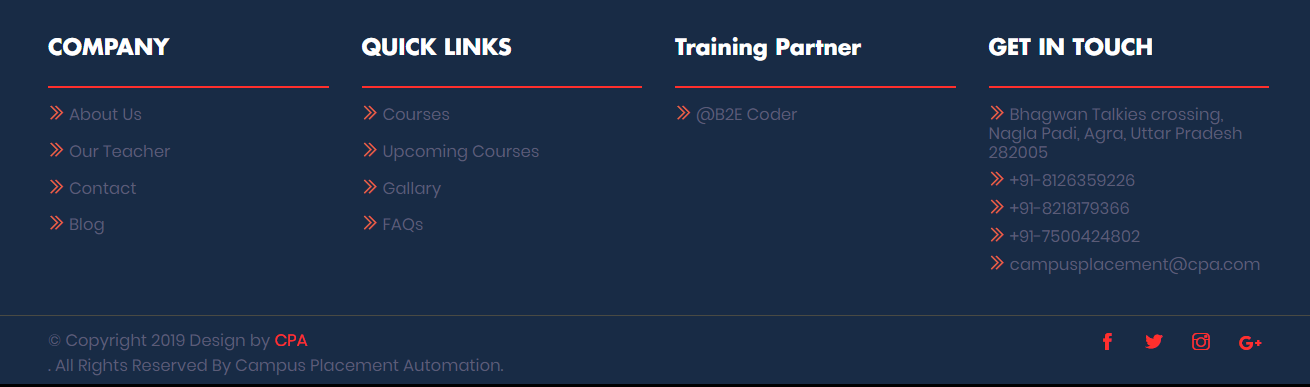
**HOME PAGE- OUR TRAINING**

****

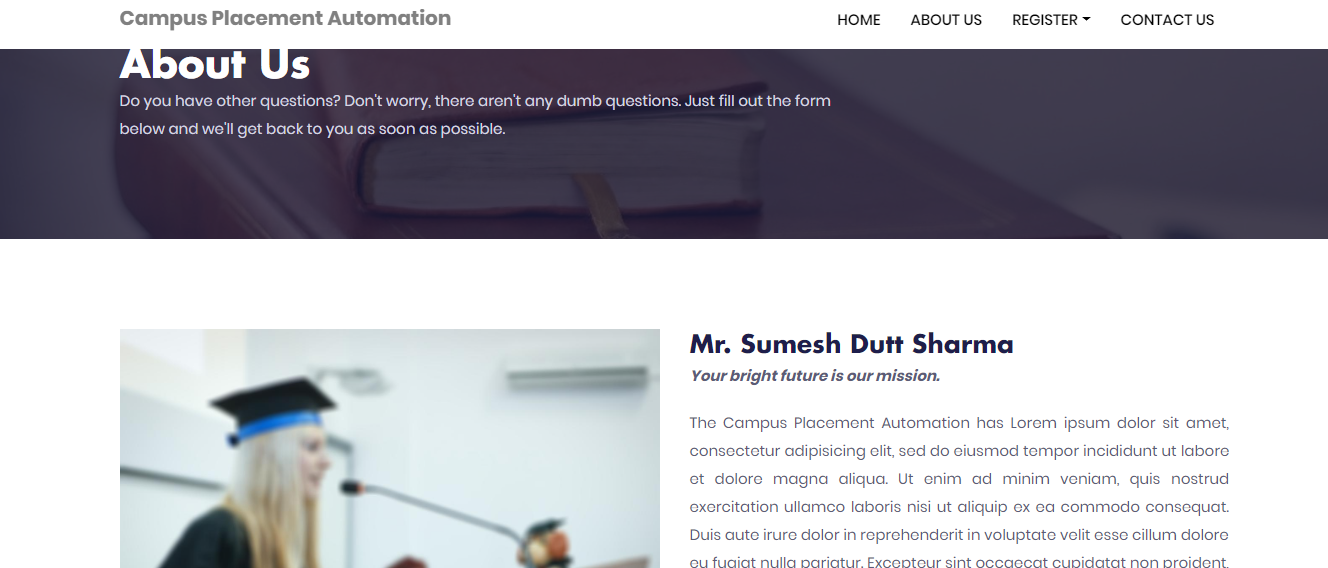
**HOME PAGE- ADMIN**

****

**Footer**

****

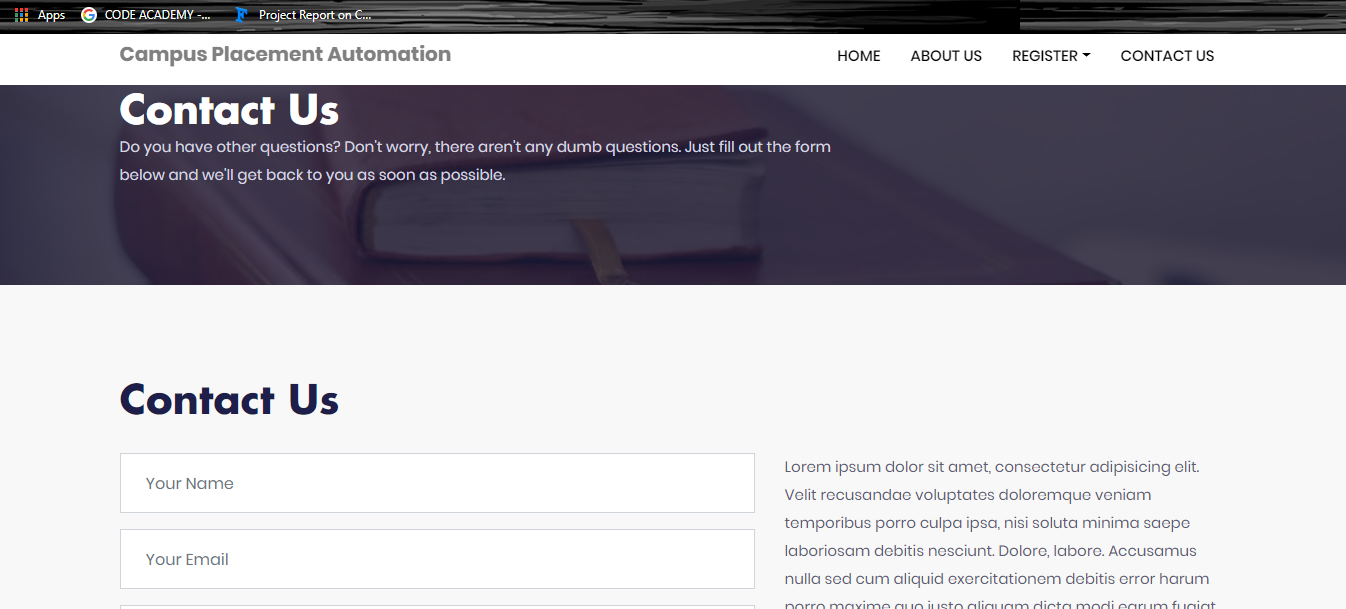
**ABOUT-US PAGE**

****

**ABOUT-US – ABOUT CPA PAGE**

****

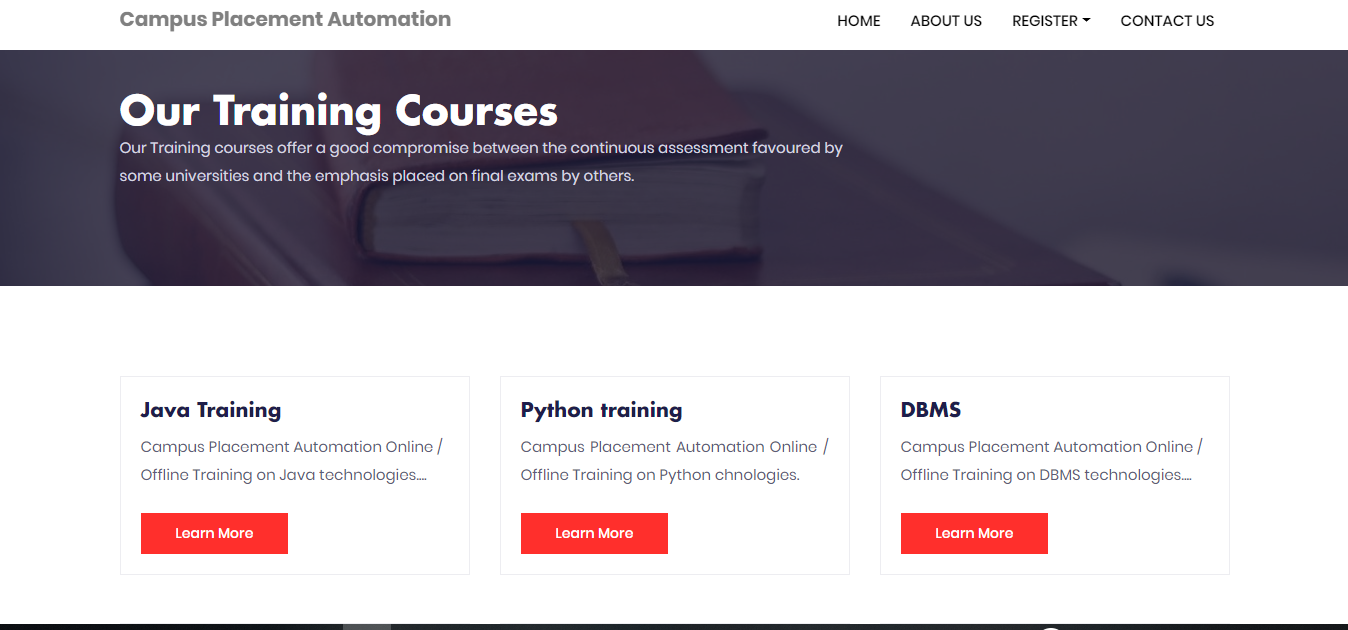
**CONTACT-US PAGE**

****

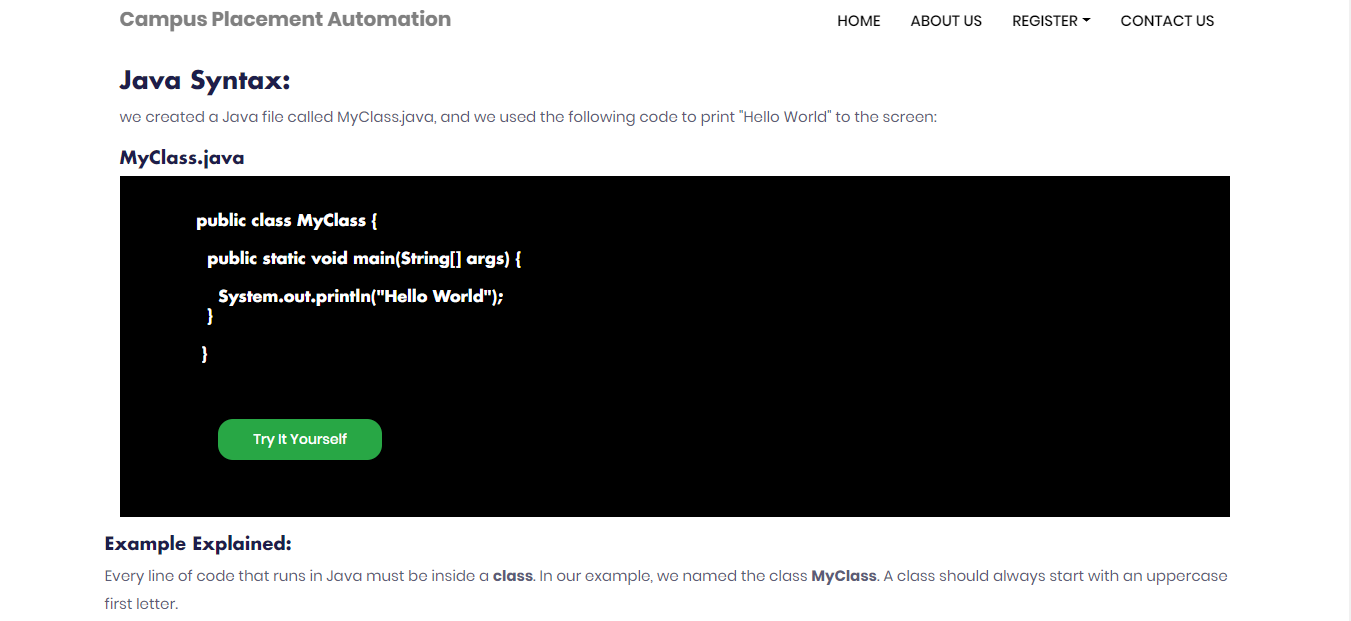
**CONTACT-US GOOGLE MAP**

****

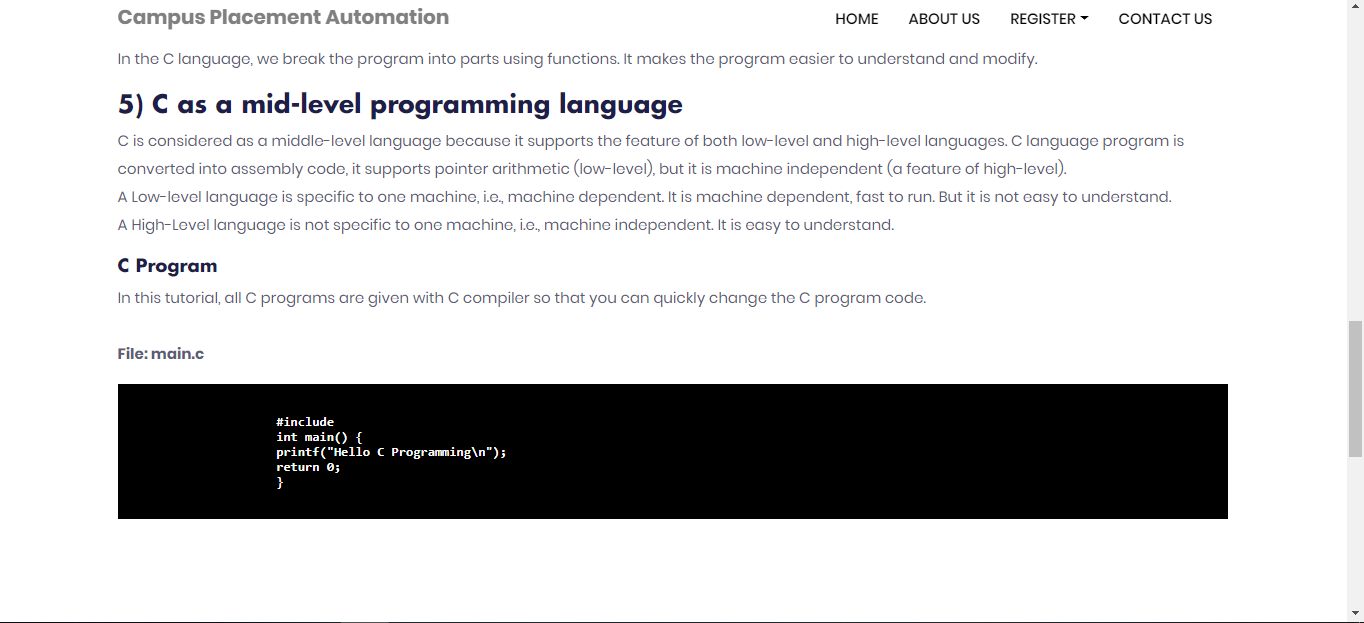
**OUR TRAINING PAGE**

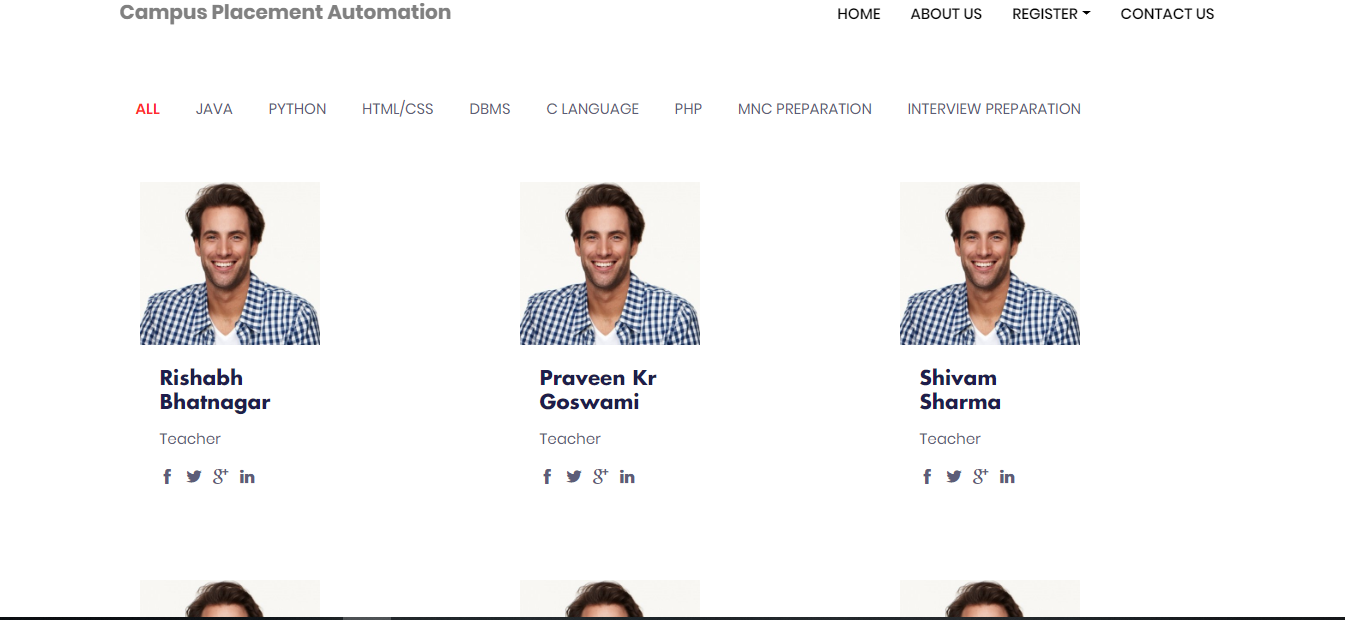
****

**JAVA TRAINING-PAGE**

****

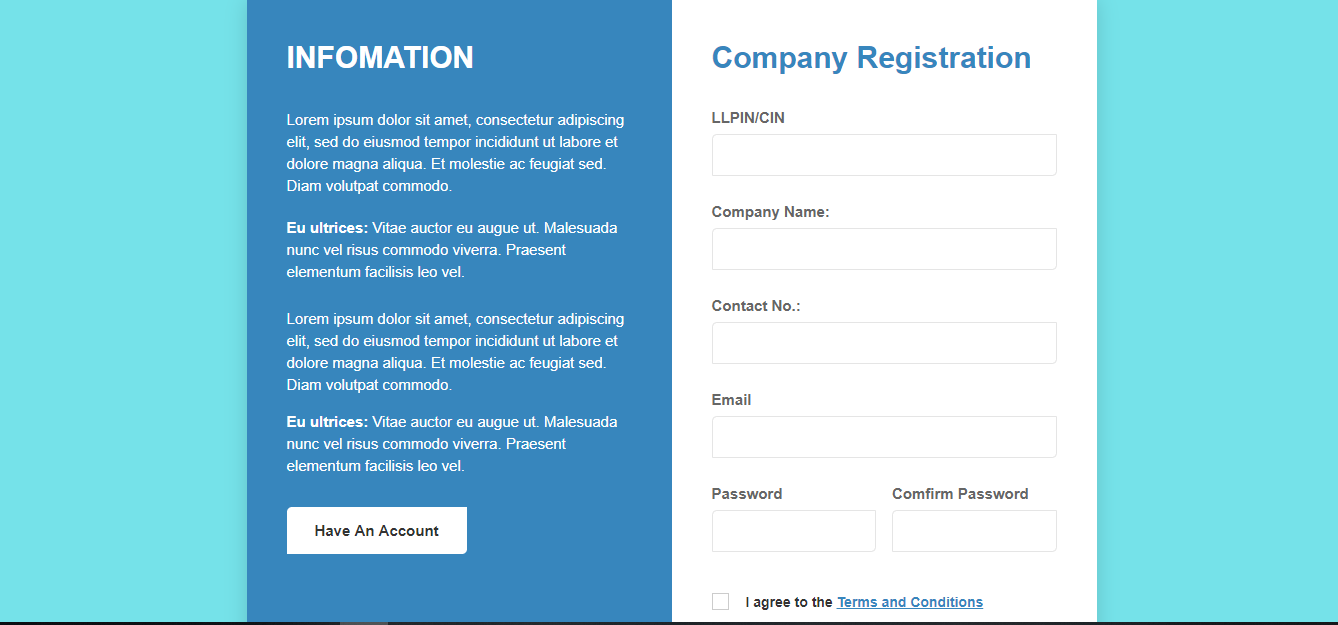
**C LANGUAGE- PAGE**

****

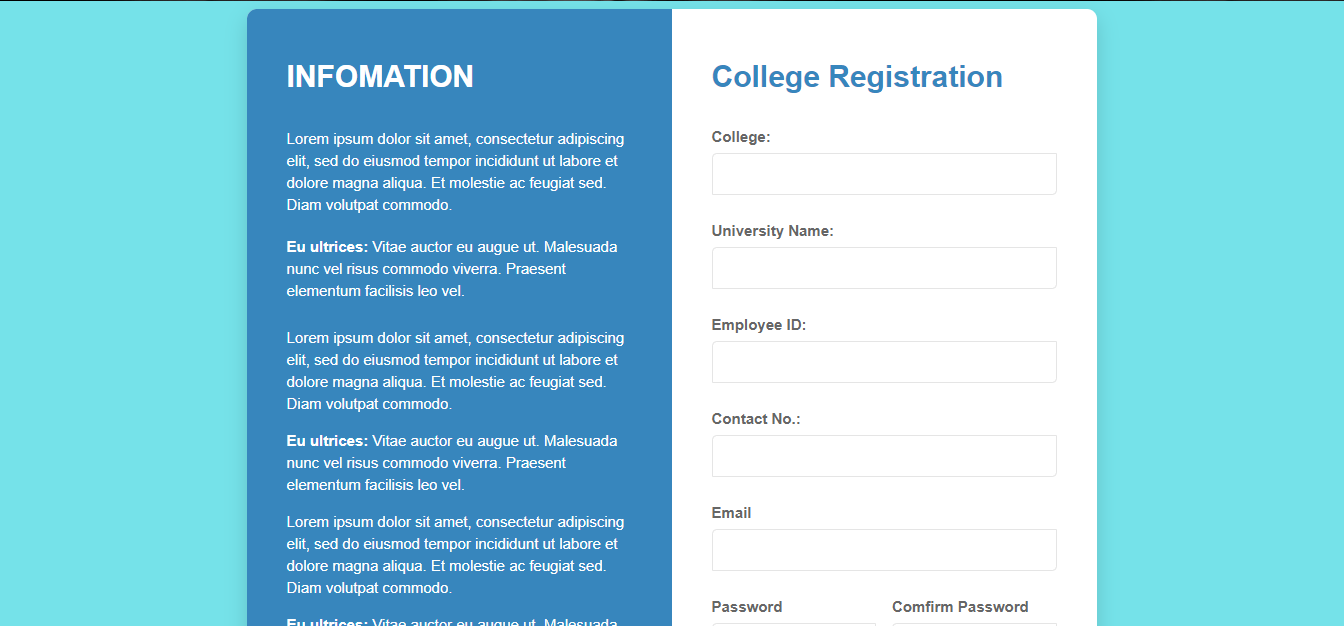
****

**REGISTRATION PAGE**

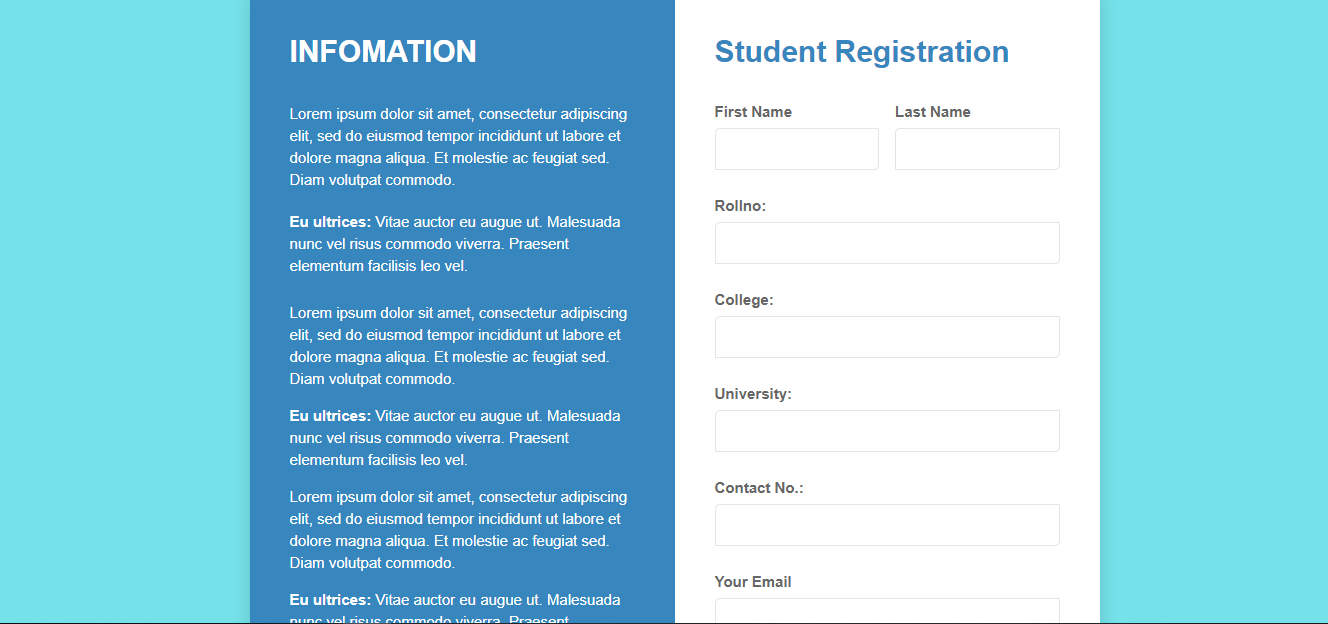
**COMPANY REGISTRATION PAGE**

****

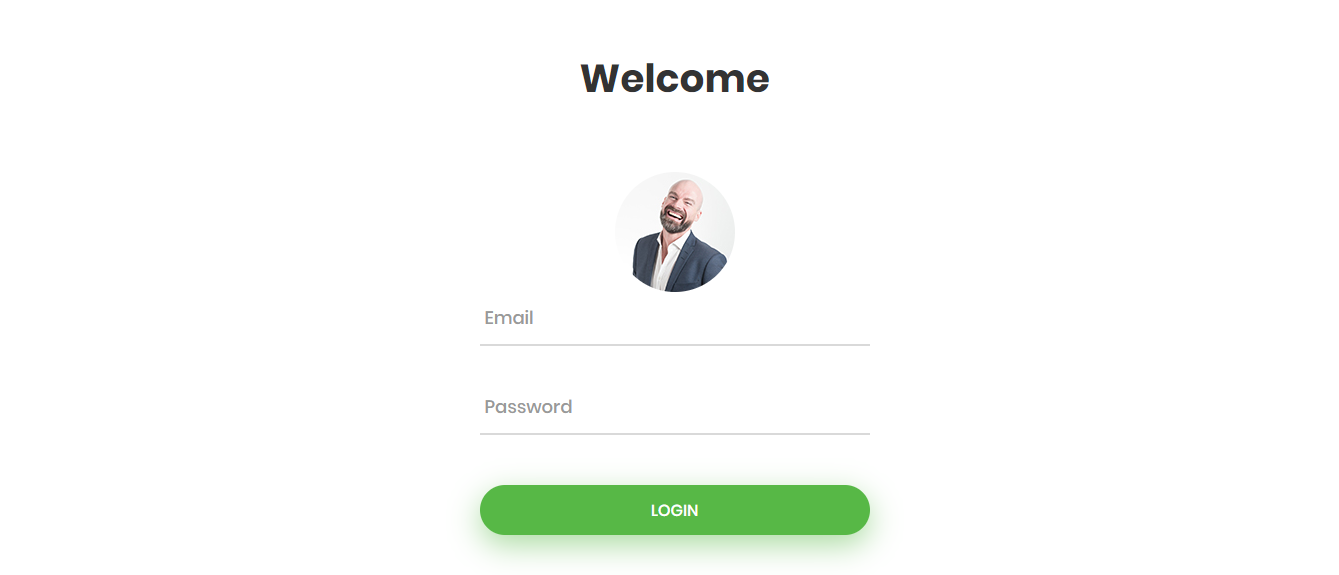
**COLLEGE REGISTRATION PAGE**

****

**STUDENT REGISTRATION PAGE**

****

**LOGIN PAGE**

****

**CODING**

**Admin Login:-**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%@page import="java.sql.\*,java.util.\*"%>

<%

String ad\_username=request.getParameter("ad\_username");

String ad\_pass=request.getParameter("ad\_pass");

Class.forName("com.mysql.jdbc.Driver");

java.sql.Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cpa","root","root");

Statement st= con.createStatement();

ResultSet rs=st.executeQuery("select \* from admin1 where ad\_username='"+ad\_username+"' and ad\_pass='"+ad\_pass+"'");

try{

rs.next();

if(rs.getString("ad\_pass").equals(ad\_pass)&&rs.getString("ad\_username").equals(ad\_username))

{

response.sendRedirect("admin-dash.html");

}

else{

out.println("Invalid password or username.");

}

}

catch (Exception e) {

e.printStackTrace();

}

%>

</body>

</html>

**College Login:-**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%@page import="java.sql.\*,java.util.\*"%>

<%

String coll\_email=request.getParameter("coll\_email");

String coll\_pass=request.getParameter("coll\_pass");

Class.forName("com.mysql.jdbc.Driver");

java.sql.Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cpa","root","root");

Statement st= con.createStatement();

ResultSet rs=st.executeQuery("select \* from college1 where coll\_email='"+coll\_email+"' and coll\_pass='"+coll\_pass+"'");

try{

rs.next();

if(rs.getString("coll\_pass").equals(coll\_pass)&&rs.getString("coll\_email").equals(coll\_email))

{

response.sendRedirect("college-dash.html");

}

else{

out.println("Invalid password or username.");

}

}

catch (Exception e) {

e.printStackTrace();

}

%>

</body>

</html>

**College Registration:-**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%@page import="java.sql.\*,java.util.\*"%>

<%

String college=request.getParameter("college");

String uni\_code=request.getParameter("uni\_code");

String E\_id=request.getParameter("E\_id");

String ph=request.getParameter("ph");

String your\_email=request.getParameter("your\_email");

String password=request.getParameter("password");

try

{

Class.forName("com.mysql.jdbc.Driver");

Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/cpa", "root", "root");

Statement st=conn.createStatement();

int i=st.executeUpdate("insert into college1(coll\_name,coll\_uni,coll\_eid,coll\_contact,coll\_email,coll\_pass)values('"+college+"','"+uni\_code+"','"+E\_id+"','"+ph+"','"+your\_email+"','"+password+"')");

response.sendRedirect("index.html");

}

catch(Exception e)

{

System.out.print(e);

e.printStackTrace();

}

%>

</body>

</html>

**Company Login:-**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%@page import="java.sql.\*,java.util.\*"%>

<%

String com\_email=request.getParameter("com\_email");

String com\_pass=request.getParameter("com\_pass");

Class.forName("com.mysql.jdbc.Driver");

java.sql.Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cpa","root","root");

Statement st= con.createStatement();

ResultSet rs=st.executeQuery("select \* from company1 where com\_email='"+com\_email+"' and com\_pass='"+com\_pass+"'");

try{

rs.next();

if(rs.getString("com\_pass").equals(com\_pass)&&rs.getString("com\_email").equals(com\_email))

{

response.sendRedirect("company-dash.html");

}

else{

out.println("Invalid password or username.");

}

}

catch (Exception e) {

e.printStackTrace();

}

%>

</body>

</html>

**Company Registration**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%@page import="java.sql.\*,java.util.\*"%>

<%

String com\_reg=request.getParameter("com\_reg");

String company=request.getParameter("company");

String ph=request.getParameter("ph");

String your\_email=request.getParameter("your\_email");

String password=request.getParameter("password");

try

{

Class.forName("com.mysql.jdbc.Driver");

Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/cpa", "root", "root");

Statement st=conn.createStatement();

int i=st.executeUpdate("insert into company1(com\_reg,com\_name,com\_contact,com\_email,com\_pass)values('"+com\_reg+"','"+company+"','"+ph+"','"+your\_email+"','"+password+"')");

response.sendRedirect("index.html");

}

catch(Exception e)

{

System.out.print(e);

e.printStackTrace();

}

%>

</body>

</html>

**STUDENT LOGIN:-**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%@page import="java.sql.\*,java.util.\*"%>

<%

String stu\_rollno=request.getParameter("stu\_rollno");

String stu\_pass=request.getParameter("stu\_pass");

Class.forName("com.mysql.jdbc.Driver");

java.sql.Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/cpa","root","root");

Statement st= con.createStatement();

ResultSet rs=st.executeQuery("select \* from student1 where stu\_rollno='"+stu\_rollno+"' and stu\_pass='"+stu\_pass+"'");

try{

rs.next();

if(rs.getString("stu\_pass").equals(stu\_pass)&&rs.getString("stu\_rollno").equals(stu\_rollno))

{

response.sendRedirect("student-dash.html");

}

else{

out.println("Invalid password or username.");

}

}

catch (Exception e) {

e.printStackTrace();

}

%>

</body>

</html>

**STUDENT REGISTRATION:-**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%@page import="java.sql.\*,java.util.\*"%>

<%

String first\_name=request.getParameter("first\_name");

String last\_name=request.getParameter("last\_name");

String rollno=request.getParameter("rollno");

String college=request.getParameter("college");

String uni=request.getParameter("uni");

String ph=request.getParameter("ph");

String your\_email=request.getParameter("your\_email");

String password=request.getParameter("password");

try

{

Class.forName("com.mysql.jdbc.Driver");

Connection conn = DriverManager.getConnection("jdbc:mysql://localhost:3306/cpa", "root", "root");

Statement st=conn.createStatement();

int i=st.executeUpdate("insert into student1(stu\_fname,stu\_lname,stu\_rollno,stu\_college,stu\_university,stu\_contact,stu\_email,stu\_pass)values('"+first\_name+"','"+last\_name+"','"+rollno+"','"+college+"','"+uni+"','"+your\_email+"','"+ph+"','"+password+"')");

response.sendRedirect("index.html");

}

catch(Exception e)

{

System.out.print(e);

e.printStackTrace();

}

%>

</body>

</html>

**LOGOUT PAGE:-**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

<%

session.invalidate();

response.sendRedirect("index.html");

%>

</body>

</html>

**INDEX PAGE:-**

<!DOCTYPE html>

<head>

<meta charset="utf-8">

<title>Campus Placement Automation | @ CPA'S first design Website</title>

<!-- mobile responsive meta -->

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1">

<!-- \*\* Plugins Needed for the Project \*\* -->

<!-- Bootstrap -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

<!-- Font Awesome -->

<link href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet">

<!-- slick slider -->

<link rel="stylesheet" href="plugins/slick/slick.css">

<!-- themefy-icon -->

<link rel="stylesheet" href="plugins/themify-icons/themify-icons.css">

<!-- animation css -->

<link rel="stylesheet" href="plugins/animate/animate.css">

<!-- aos -->

<link rel="stylesheet" href="plugins/aos/aos.css">

<!-- venobox popup -->

<link rel="stylesheet" href="plugins/venobox/venobox.css">

<!-- Main Stylesheet -->

<link href="css/style.css" rel="stylesheet">

<!-- Start WOWSlider.com HEAD section -->

<link rel="stylesheet" type="text/css" href="engine1/style.css" />

<!-- End WOWSlider.com HEAD section -->

<!--Favicon-->

<!-- Title me image ke -->

<link rel="shortcut icon" href="images/kbc.png" type="image/png">

</head>

<body>

<!-- header -->

<header id="header" class="header fixed-top">

<!-- TOP HEADER -->

<div class="top-header py-1">

<div class="container-fluid">

<div class="row no-gutters">

<div class="col-lg-4 text-center text-lg-left">

<a href="#" class="text-color mr-3 p-2 " style=""><i class="ti-mobile"></i> &nbsp;+91-8126359226</a>

</div>

<div class="col-lg-8 text-center text-lg-right">

<ul class="list-inline">

<li class="list-inline-item"><a class="text-uppercase text-color p-sm-2 py-2 px-0 d-inline-block" href="notice.html">Notice</a></li>

<!-- <li class="list-inline-item"><a class="text-uppercase text-color p-sm-2 py-2 px-0 d-inline-block" href="#"> </a></li> -->

<li class="list-inline-item"><a class="text-uppercase text-color p-sm-2 py-2 px-0 d-inline-block" href="#" data-toggle="dropdown" >Login</a>

<div class="dropdown-menu">

<a class="dropdown-item text-dark" href="company\_login.html" >Company Login</a>

<a class="dropdown-item text-dark" href="college\_login.html">College Login</a>

<a class="dropdown-item text-dark" href="student\_login.html">Student Login</a>

<a class="dropdown-item text-dark" href="admin\_login.html" >Admin Login</a>

</div>

</li>

</ul>

</div>

</div>

</div>

</div>

<!-- NAVBAR STARTS -->

<div class="navigation w-100">

<div class="container">

<nav class="navbar navbar-expand-lg navbar-light p-0">

<a href="index.html" class="navbar-brand" style="color:gray !important; "><strong>Campus Placement Automation</strong></a>

<button class="navbar-toggler rounded-0" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-label="Toggle navigation"><span class="navbar-toggler-icon"></span></button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav ml-auto text-center">

<li class="nav-item "><a href="index.html" class="nav-link">Home</a></li>

<li class="nav-item"><a href="about-us.html" class="nav-link" id="navbarDropdown" role="button" data-toggle="" aria-haspopup="true" aria-expanded="false">About us</a>

<!-- <div class="dropdown-menu" aria-labelledby="navbarDropdown">

<a class="dropdown-item" href="about-us.html">Campus placement Automation</a>

<a class="dropdown-item" href="about-us.html"><i class="fa fa-user-secret fa-2x"></i> -Admin's Profile</a>

</div> -->

</li>

<li class="nav-item dropdown view"><a href="" class="nav-link dropdown-toggle" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">Register</a>

<div class="dropdown-menu" aria-labelledby="navbarDropdown">

<a class="dropdown-item" href="company\_reg.html">Company Registration</a>

<a class="dropdown-item" href="college\_reg.html">College Registration</a>

<a class="dropdown-item" href="student\_reg.html">Student Registration</a>

</div>

</li>

<li class="nav-item "><a href="contact.html" class="nav-link">Contact Us</a></li>

</ul>

</div>

</nav>

</div>

</div>

</header>

<!-- /header -->

<!-- Modal -->

<div class="modal fade" id="loginModal" tabindex="-1" role="dialog" aria-hidden="true">

<div class="modal-dialog modal-md" role="document">

<div class="modal-content rounded-0 border-0 p-4">

<div class="modal-header border-0">

<h2 style="padding-left: 40%; color: gray;">Login</h2>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<div class="modal-body">

<div class="row"><!--

<div class="col-4" style="background: #E50E16;">

<img src="" alt="" style="margin-top: 50px; width: 100%;">

</div> -->

<div class="col-12">

<form action="login.jsp" class="row">

<div class="col-12"><i class="fa fa-user fa-2x"></i> <label class="font-weight-bold">&nbsp;Username:</label><br>

<input type="text" class="form-control mb-3" id="loginid" name="loginid" placeholder=" Enter UserName/ Email">

</div>

<div class="col-12"><i class="fa fa-lock fa-2x"></i><label class="font-weight-bold">&nbsp; Password:</label><br>

<input type="password" class="form-control mb-3" id="loginPassword" name="loginPassword" placeholder=" Enter Password">

</div>

<div class="col-12">

<div class="row">

<div class="col-8">

<button type="submit" class="btn btn-primary">LOGIN</button>

</div>

<div class="col-4" style="margin-top: 30px;">

<a href="#" title="" data-toggle="modal" data-target="#forgetPassword">Forget Password</a>

</div>

</div>

</div>

</form>

</div>

</div>

</div>

</div>

</div>

</div>

<!-- /modal -->

<!-- Modal -->

<div class="modal fade" id="forgetPassword" tabindex="-1" role="dialog" aria-hidden="true">

<div class="modal-dialog modal-md" role="document">

<div class="modal-content rounded-0 border-0 p-4">

<div class="modal-header border-0">

<h2 style="padding-left: 0%;">Reset Password</h2>

<button type="button" class="close" data-dismiss="modal" aria-label="Close">

<span aria-hidden="true">&times;</span>

</button>

</div>

<div class="modal-body">

<div class="row">

<div class="col-12">

<form action="#" class="row">

<div class="col-12"><i class="fa fa-envelope-o fa-2x"></i> <label class="font-weight-bold">&nbsp;Email:</label><br>

<input type="text" class="form-control mb-3" id="loginPhone" name="loginPhone" placeholder=" Enter Email">

</div>

<div class="col-12"><i class="fa fa-phone fa-2x"></i><label class="font-weight-bold">&nbsp; Phone No.:</label><br>

<input type="password" class="form-control mb-3" id="loginPassword" name="loginPassword" placeholder=" Enter Phone No.">

</div>

<div class="col-12">

<div class="row">

<div class="col-8">

<button type="button" class="btn btn-primary">Send Email</button>

</div>

</div>

</div>

</form>

</div>

</div>

</div>

</div>

</div>

</div>

<!-- /modal -->

<!-- Pop-Up modal -->

<!-- pop-Up modal -->

<!-- slider -->

<div id="wowslider-container1" style="margin-top: 3rem;">

<div class="ws\_images"><ul>

<li><img src="data1/images/slider2.jpg" alt="Campus placement Automation" title="Campus placement Automation" id="wows1\_0"/></li>

<li><a href=""><img src="data1/images/slider3.jpg" alt="jquery carousel slider" title="Campus placement Automation" id="wows1\_1"/></a></li>

<li><img src="data1/images/slider5.jpg" alt="Campus placement Automation" title="Campus placement Automation" id="wows1\_2"/></li>

<li><img src="data1/images/slider6.jpg" alt="Campus Placement Automation" title="Campus placement Automation" id="wows1\_0"/></li>

</ul></div>

<div class="ws\_bullets"><div>

<a href="#" title="Campus placement automation"><span><!-- <img src="data1/tooltips/slider2.jpg" --> alt="Campus placement automation"/>1</span></a>

<a href="#" title="Campus placement automation"><span><!-- <img src="data1/tooltips/slider3.jpg" --> alt="Campus placement automation"/>2</span></a>

<a href="#" title="Campus placement automation"><span><!-- <img src="data1/tooltips/slider5.jpg" --> alt="Campus placement automation"/>3</span></a>

<a href="#" title="Campus placement automation"><span><!-- <img src="data1/tooltips/slider6.jpg" --> alt="Campus placement automation"/>4</span></a>

</div></div><div class="ws\_script" style="position:absolute;left:-99%"><a href="#"></a> </div>

<div class="ws\_shadow"></div>

</div>

<!-- /slider -->

<!-- courses -->

<section class="section-sm" style="margin-top: 100px;">

<div class="container">

<div class="row">

<div class="col-12">

<div class="d-flex align-items-center section-title justify-content-between">

<h2 class="mb-0 text-nowrap mr-3" data-aos="fade-left">Our Training</h2>

<div class="border-top w-100 border-primary d-none d-sm-block" data-aos="fade-left"></div>

<div>

<a href="courses.html" class="btn btn-sm btn-primary-outline ml-sm-3 d-none d-sm-block" data-aos="fade-left">see all</a>

</div>

</div>

</div>

</div>

<!-- course list -->

<div class="row justify-content-center">

<!-- course item 1 -->

<div class="col-lg-4 col-sm-6 mb-5">

<div class="card p-0 border-primary rounded-0 hover-shadow">

<div class="card-body" data-aos="flip-left">

<a href="#.html">

<h4 class="card-title" >Java Training</h4>

</a>

<p class="card-text mb-4">Campus Placement Automation Online / Offline training on Java technologies. .</p>

</div>

</div>

</div>

<!-- course item 2-->

<div class="col-lg-4 col-sm-6 mb-5">

<div class="card p-0 border-primary rounded-0 hover-shadow">

<div class="card-body" data-aos="flip-left">

<a href="#.html">

<h4 class="card-title" >Python training</h4>

</a>

<p class="card-text mb-4 text-justify" > Campus Placement Automation Online / Offline training on Python chnologies. .</p>

</div>

</div>

</div>

<!-- course item 3-->

<div class="col-lg-4 col-sm-6 mb-5">

<div class="card p-0 border-primary rounded-0 hover-shadow">

<div class="card-body" data-aos="flip-left">

<a href="#.html">

<h4 class="card-title"> HTML5 / CSS3</h4>

</a>

<p class="card-text mb-4 text-justify" >Campus Placement Automation Online / Offline training on HTML5/CSS3...</p>

</div>

</div>

</div>

<!-- course item 4-->

<div class="col-lg-4 col-sm-6 mb-5">

<div class="card p-0 border-primary rounded-0 hover-shadow">

<div class="card-body" data-aos="flip-left">

<a href="#.html">

<h4 class="card-title">C language </h4>

</a>

<p class="card-text mb-4 text-justify">Campus Placement Automation Online / Offline training on C language. .</p>

</div>

</div>

</div>

<!-- course item 5-->

<div class="col-lg-4 col-sm-6 mb-5">

<div class="card p-0 border-primary rounded-0 hover-shadow">

<div class="card-body" data-aos="flip-left">

<a href="#.html">

<h4 class="card-title">Interview Preparation</h4>

</a>

<p class="card-text mb-4 text-justify">Campus Placement Automation Provide to Online Interview preparation and Question

</p>

</div>

</div>

</div>

<!-- course item 6-->

<div class="col-lg-4 col-sm-6 mb-5">

<div class="card p-0 border-primary rounded-0 hover-shadow">

<div class="card-body" data-aos="flip-left">

<a href="#.html">

<h4 class="card-title">MNC Exam Paper</h4>

</a>

<p class="card-text mb-4 text-justify">Campus Placement Automation provide to MNC Technical question(like:- Wipro, Infosys, TCS, Mindtree, Capgemini and many more MNC type exam paper) </p>

</div>

</div>

</div>

</div>

<!-- /course list -->

<!-- mobile see all button -->

<div class="row">

<div class="col-12 text-center">

<a href="courses.html" class="btn btn-sm btn-primary-outline d-sm-none d-inline-block">sell all</a>

</div>

</div>

</div>

</section>

<!-- /courses -->

<!-- banner-feature -->

<section class="bg-gray">

<div class="container-fluid p-0">

<div class="row no-gutters">

<div class="col-xl-4 col-lg-5 align-self-end">

<img class="img-fluid w-100" data-aos="fade-right" src="images/banner/banner-feature.png" alt="banner-feature">

</div>

<div class="col-xl-8 col-lg-7">

<div class="row feature-blocks bg-gray justify-content-between">

<div class="col-sm-6 col-xl-5 mb-xl-5 mb-lg-3 mb-4 text-center text-sm-left">

<i class="ti-book mb-xl-4 mb-lg-3 mb-4 feature-icon" data-aos="fade-left"></i>

<h3 class="mb-xl-4 mb-lg-3 mb-4" data-aos="fade-left">CPA News</h3>

<hr>

<p class="text-justify" data-aos="fade-left">Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore

et dolore magna aliqua. Ut enim ad</p>

</div>

<div class="col-sm-6 col-xl-5 mb-xl-5 mb-lg-3 mb-4 text-center text-sm-left">

<i class="ti-blackboard mb-xl-4 mb-lg-3 mb-4 feature-icon" data-aos="fade-left"></i>

<h3 class="mb-xl-4 mb-lg-3 mb-4" data-aos="fade-left">Our Notice Board</h3>

<hr>

<p class="text-justify text-dark" data-aos="fade-left">Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore

et dolore magna aliqua. Ut enim ad</p>

</div>

<div class="col-sm-6 col-xl-5 mb-xl-5 mb-lg-3 mb-4 text-center text-sm-left">

<i class="ti-agenda mb-xl-4 mb-lg-3 mb-4 feature-icon" data-aos="fade-left"></i>

<h3 class="mb-xl-4 mb-lg-3 mb-4" data-aos="fade-left">Our Achievements</h3>

<hr>

<p class="text-justify text-dark" data-aos="fade-left">Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore

et dolore magna aliqua. Ut enim ad</p>

</div>

<div class="col-sm-6 col-xl-5 mb-xl-5 mb-lg-3 mb-4 text-center text-sm-left">

<!-- <i class="ti-write mb-xl-4 mb-lg-3 mb-4 feature-icon" data-aos="fade-left"></i> -->

<i class=" fa fa-user-o mb-xl-4 mb-lg-3 mb-4 feature-icon" data-aos="fade-left"></i>

<h3 class="mb-xl-4 mb-lg-3 mb-4" data-aos="fade-left">CPA's Student</h3>

<hr>

<p class="text-justify text-dark" data-aos="fade-left">Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore

et dolore magna aliqua. Ut enim ad</p>

</div>

</div>

</div>

</div>

</div>

</section>

<!-- /banner-feature -->

<!-- about us -->

<section class="section">

<div class="container about\_us">

<div class="row align-items-center">

<div class="col-md-6 order-2 col-sm-12 order-md-1" style="">

<h2 class="section-title" data-aos="zoom-in-up">About Campus Placement Automation</h2>

<hr>

<p class="text-justify" data-aos="zoom-in-up" style="font-family: Times New Roman;">Campus Placement Automation platform for campus placement process which connects companies, colleges and candidates online with each other for campus recruitment automation.

This platform provides companies the opportunity to post internships and fresher job requirements online. A recruiter/company can conduct the entire process of recruitment sitting at his desk with multiple candidates connected to the system from different locations.

College students can view fresher job openings on the portal itself. These openings are monitored by the college training and placement officer and he/she can contact the company at the click of a button and invite them for online Campus Placements.

Talentick comes inbuilt with student search features, smart aptitude testing modules, configurable video conferencing solutions, intelligent scheduling and much more. This makes Talentick a cost effective and an efficient solution for Campus Placements and Campus Automation </p>

<a href="about-us.html" class="btn btn-primary-outline" data-aos="zoom-in-up">Learn more</a>

</div>

<div class="col-md-6 order-1 col-sm-12 order-md-2 mb-4 mb-md-0">

<img class="img-fluid " src="images/about/about-cpa.jpg" style="" alt="about image" data-aos="zoom-in-up">

</div>

</div>

</div>

</section>

<!-- /about us -->

<!-- Download section -->

<section class="section bg-primary">

<div class="container">

<div class="row">

<div class="col-12 text-center" data-aos="zoom-in">

<h6 class="text-white font-secondary mb-0" >Click here to download the MNC apptitute paper</h6>

<h2 class="section-title text-white">Notes for MNC Exam</h2>

<a href="contact.html" class="btn btn-secondary">Download Now</a>

</div>

</div>

</div>

</section>

<!-- /download section -->

<!-- success story -->

<section class="section bg-cover" data-background="images/backgrounds/success-story.jpg">

<div class="container">

<div class="row">

<div class="col-lg-6 col-sm-4 position-relative success-video">

<a class="play-btn venobox" href="https://www.youtube.com/watch?v=KNfJg1xJzA0" data-vbtype="video">

<i class="ti-control-play"></i>

</a>

</div>

<div class="col-lg-6 col-sm-8">

<div class="bg-white p-5">

<h2 class="section-title">Success Stories</h2>

<p class="text-justify text-dark" style="font-family: 'sans-serif',Times New Roman;"><i class="fa fa-quote-left " style="font-size: 50px; color: /\*#FF2F2C\*/ gray; "></i> Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat.</p>

<p class="text-justify text-dark" style="font-family: 'sans-serif',Times New Roman;">Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris <i class="fa fa-quote-right mx-2" style="font-size: 50px; color: /\*#FF2F2C\*/ gray;"></i> </p>

</div>

</div>

</div>

</div>

</section>

<!-- /success story -->

<!-- Testimonial and selected student -->

<section class="section testimonials" id="testimonial">

<div class="container-fluid">

<div class="row">

<!-- Testimonial -->

<div class="col-lg-6 col-xl-6 col-md-12">

<h2 class="text-center" >Testimonials</h2>

<hr>

<br>

<div class="carousel slide" id="carousel-testimonials" data-ride="carousel" data-interval="3000">

<ol class="carousel-indicators" >

<li data-target="#carousel-testimonials" data-slide-to="0" class="active"></li>

<li data-target="#carousel-testimonials" data-slide-to="1" ></li>

<li data-target="#carousel-testimonials" data-slide-to="2" ></li>

</ol>

<div class="carousel-inner">

<!-- Testimonial 1 -->

<div class="carousel-item active text-center">

<img src="images/testimonial/profile 3.jpg" alt="testimonial 1" class="center-block">

<h5>Rishab Bhatnagar</h5>

<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

tempor incididunt ut labore et dolore magna aliqua.</p>

</div>

<!-- TEstimonial 2 -->

<div class="carousel-item text-center">

<img src="images/testimonial/profile 1.jpg" alt="testimonial 1" class="center-block">

<h5>Shivam Sharma</h5>

<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

tempor incididunt ut labore et dolore magna aliqua.</p>

</div>

<!-- Testimonial 3 -->

<div class="carousel-item text-center">

<img src="images/testimonial/profile2.jpg" alt="testimonial 1" class="center-block">

<h5>Sumesh Dutt Sharma</h5>

<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

tempor incididunt ut labore et dolore magna aliqua.</p>

</div>

<!-- Testimonial 4 -->

<div class="carousel-item text-center">

<img src="images/testimonial/profile 4.jpg" alt="testimonial 1" class="center-block">

<h5>Yogita Jain</h5>

<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

tempor incididunt ut labore et dolore magna aliqua.</p>

</div>

</div>

</div>

</div>

<!-- Our Selection -->

<div class="col-lg-6 col-xl-6 col-md-12">

<div class="selected">

<div class="row text-center">

<div class="col-12 ">

<h2 class="">Selected Student</h2>

</div>

<hr>

<div class="row mb-4">

<div class="col-lg-3 col-xs-6 col-sm-6 mb-5 mb-lg-0">

<div class="card" style="width: 8rem; height: 10rem;">

<img class="card-img-top" src="images/selected/student.jpg" alt="Card image cap">

<div class="card-body">

<b class="card-title text-left">Robert</b>

<p class="text-muted">AIR 100</p>

</div>

</div>

</div>

<div class="col-lg-3 col-xs-6 col-sm-6 mb-5 mb-lg-0">

<div class="card" style="width: 8rem; height: 10rem;">

<img class="card-img-top" src="images/selected/student.jpg" alt="Card image cap">

<div class="card-body">

<b class="card-title text-left">Chris Evans </b>

<p class="text-muted">AIR 100</p>

</div>

</div>

</div>

<div class="col-lg-3 col-xs-6 col-sm-6 mb-5 mb-lg-0">

<div class="card" style="width: 8rem; height: 10rem;">

<img class="card-img-top" src="images/selected/student.jpg" alt="Card image cap">

<div class="card-body">

<b class="card-title text-left"> Mark </b>

<p class="text-muted">AIR 100</p>

</div>

</div>

</div>

<div class="col-lg-3 col-xs-6 col-sm-6 mb-5 mb-lg-0">

<div class="card" style="width: 8rem; height: 10rem;">

<img class="card-img-top" src="images/selected/student.jpg" alt="Card image cap">

<div class="card-body">

<b class="card-title text-left"> Chris</b>

<p class="text-muted">AIR 100</p>

</div>

</div>

</div>

</div>

<br><br><br>

<div class="row mb-4">

<div class="col-lg-3 col-xs-6 col-sm-6 mb-5 mb-lg-0">

<div class="card" style="width: 8rem; height: 10rem;">

<img class="card-img-top" src="images/selected/student.jpg" alt="Card image cap">

<div class="card-body">

<b class="card-title text-left"> Scartlett </b>

<p class="text-muted">AIR 100</p>

</div>

</div>

</div>

<div class="col-lg-3 col-xs-6 col-sm-6 mb-5 mb-lg-0">

<div class="card" style="width: 8rem; height: 10rem;">

<img class="card-img-top" src="images/selected/student.jpg" alt="Card image cap">

<div class="card-body">

<b class="card-title text-left">Jeremy </b>

<p class="text-muted">AIR 100</p>

</div>

</div>

</div>

<div class="col-lg-3 col-xs-6 col-sm-6 mb-5 mb-lg-0">

<div class="card" style="width: 8rem; height: 10rem;">

<img class="card-img-top" src="images/selected/student.jpg" alt="Card image cap">

<div class="card-body">

<b class="card-title text-left"> Paul Rudd</b>

<p class="text-muted">AIR 100</p>

</div>

</div>

</div>

<div class="col-lg-3 col-xs-6 col-sm-6 mb-5 mb-lg-0">

<div class="card" style="width: 8rem; height: 10rem;">

<img class="card-img-top" src="images/selected/student.jpg" alt="Card image cap">

<div class="card-body">

<b class="card-title text-left"> Brie Larson </b>

<p class="text-muted">AIR 100</p>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</section>

<!-- Testimonial and selected student -->

<!-- teachers -->

<section class="section teacher-section">

<div class="container">

<div class="row ">

<div class="col-12">

<div class="d-flex align-items-center section-title justify-content-between">

<h2 class="mb-0 text-nowrap mr-3" data-aos="fade-left">Our Training Teacher </h2>

<div class="border-top w-100 border-primary d-none d-sm-block" data-aos="fade-left"></div>

<div>

<a href="teachers.html" class="btn btn-sm btn-primary-outline ml-sm-3 d-none d-sm-block" data-aos="fade-left">see all</a>

</div>

</div>

</div>

<div class="row justify-content-center">

<!-- teacher -->

<div class="col-lg-3 col-sm-6 mb-5 mb-lg-0">

<div class="card border-0 rounded-0 hover-shadow teacher" data-aos="fade-up">

<img class="card-img-top rounded-0" src="images/testimonial/profile2.jpg" alt="teacher">

<div class="card-body">

<a href="teacher-single.html">

<h4 class="card-title">Rishab Bhatnagar</h4>

</a>

<h6>Teacher</h6>

<p>Java</p>

</div>

</div>

</div>

<!-- teacher -->

<div class="col-lg-3 col-sm-6 mb-5 mb-lg-0">

<div class="card border-0 rounded-0 hover-shadow teacher" data-aos="fade-up">

<img class="card-img-top rounded-0" src="images/testimonial/profile2.jpg" alt="teacher">

<div class="card-body">

<a href="teacher-single.html">

<h4 class="card-title">Praveen Kr Goswami</h4>

</a>

<h6>Teacher</h6>

<p>Python</p>

</div>

</div>

</div>

<!-- teacher -->

<div class="col-lg-3 col-sm-6 mb-5 mb-lg-0">

<div class="card border-0 rounded-0 hover-shadow teacher" data-aos="fade-up">

<img class="card-img-top rounded-0" src="images/testimonial/profile2.jpg" alt="teacher">

<div class="card-body">

<a href="teacher-single.html">

<h4 class="card-title">Rishabh Chauhan</h4>

</a>

<h6>Teacher</h6>

<p>Aptitude / Reasoning</p>

</div>

</div>

</div>

<!-- teacher -->

<div class="col-lg-3 col-sm-6 mb-5 mb-lg-0">

<div class="card border-0 rounded-0 hover-shadow teacher" data-aos="fade-up">

<img class="card-img-top rounded-0" src="images/testimonial/profile2.jpg" alt="teacher">

<div class="card-body">

<a href="teacher-single.html">

<h4 class="card-title">Somya Gaur</h4>

</a>

<h6>Teacher</h6>

<p>HTML / CSS</p>

</div>

</div>

</div>

</div>

</div>

</section>

<!-- /teachers -->

<!-- Admin's-->

<section class="section teacher-section">

<div class="container">

<div class="row ">

<div class="col-12">

<div class="d-flex align-items-center section-title justify-content-between">

<h2 class="mb-0 text-nowrap mr-3" data-aos="fade-left">Admin's</h2>

<div class="border-top w-100 border-primary d-none d-sm-block" data-aos="fade-left"></div>

<div>

<!-- <a href="teachers.html" class="btn btn-sm btn-primary-outline ml-sm-3 d-none d-sm-block" data-aos="fade-left">see all</a>

--> </div>

</div>

</div>

<div class="row justify-content-center">

<!-- Admin -->

<div class="col-lg-3 col-sm-6 col-12 mb-5 mb-lg-0">

<div class="card border-0 rounded-0 hover-shadow teacher" data-aos="fade-up">

<img class="card-img-top rounded-0" src="images/testimonial/profile 1.jpg" style="width: ; height: 200px;" alt="teacher">

<div class="card-body">

<a href="teacher-single.html">

<h4 class="card-title">Shivam Sharma</h4>

</a>

<p>Admin 1</p>

<ul class="list-inline">

<li class="list-inline-item"><a class="text-color" href="https://www.facebook.com/profile.php?id=100004594923591"><i class="ti-facebook"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-twitter-alt"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-google"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-linkedin"></i></a></li>

</ul>

</div>

</div>

</div>

<!-- Admin -->

<div class="col-lg-3 col-sm-6 col-12 mb-5 mb-lg-0">

<div class="card border-0 rounded-0 hover-shadow teacher" data-aos="fade-up">

<img class="card-img-top rounded-0" src="images/testimonial/profile 3.jpg" alt="teacher">

<div class="card-body">

<a href="teacher-single.html">

<h4 class="card-title">Rishab Bhatnagar</h4>

</a>

<p> Admin 2</p>

<ul class="list-inline">

<li class="list-inline-item"><a class="text-color" href="https://www.facebook.com/profile.php?id=100011209080699&epa=SEARCH\_BOX"><i class="ti-facebook"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-twitter-alt"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-google"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-linkedin"></i></a></li>

</ul>

</div>

</div>

</div>

<!-- Admin -->

<div class="col-lg-3 col-sm-6 mb-5 mb-lg-0">

<div class="card border-0 rounded-0 hover-shadow teacher" data-aos="fade-up">

<img class="card-img-top rounded-0" src="images/testimonial/profile2.jpg" alt="teacher">

<div class="card-body">

<a href="teacher-single.html">

<h4 class="card-title">Sumesh Dutt Sharma</h4>

</a>

<p>Admin 3</p>

<ul class="list-inline">

<li class="list-inline-item"><a class="text-color" href="https://www.facebook.com/sumsiddhartha.sharma"><i class="ti-facebook"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-twitter-alt"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-google"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-linkedin"></i></a></li>

</ul>

</div>

</div>

</div>

<!-- Admin -->

<div class="col-lg-3 col-sm-6 mb-5 mb-lg-0">

<div class="card border-0 rounded-0 hover-shadow teacher" data-aos="fade-up">

<img class="card-img-top rounded-0" src="images/testimonial/profile 4.jpg" style="width: ; height: 220px;" alt="teacher">

<div class="card-body">

<a href="teacher-single.html">

<h4 class="card-title">Yogita Jain</h4>

</a>

<p>Admin 4</p>

<ul class="list-inline">

<li class="list-inline-item"><a class="text-color" href="https://www.facebook.com/yogita.jain.3154"><i class="ti-facebook"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-twitter-alt"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-google"></i></a></li>

<li class="list-inline-item"><a class="text-color" href="#"><i class="ti-linkedin"></i></a></li>

</ul>

</div>

</div>

</div>

</div>

</div>

</section>

<!-- /Admin's -->

<!-- footer -->

<footer>

<!-- footer content -->

<div class="footer bg-footer section border-bottom">

<div class="container">

<div class="row">

<!-- company -->

<div class="col-lg-3 col-md-3 col-sm-4 col-6 mb-5 mb-md-0">

<h4 class="text-white mb-5 mr-1">COMPANY</h4>

<hr>

<ul class="list-unstyled">

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="about-us.html">About Us</a></li>

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="teachers.html">Our Teacher</a></li>

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="contact.html">Contact</a></li>

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="blog.html">Blog</a></li>

</ul>

</div>

<!-- links -->

<div class="col-lg-3 col-md-3 col-sm-4 col-6 mb-5 mb-md-0">

<h4 class="text-white mb-5 mr-1">QUICK LINKS</h4>

<hr>

<ul class="list-unstyled">

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="courses.html">Courses</a></li>

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="event.html">Upcoming Courses</a></li>

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="gallary.html">Gallary</a></li>

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="faqs.html">FAQs</a></li>

</ul>

</div>

<!-- support -->

<div class="col-lg-3 col-md-3 col-sm-4 col-6 mb-5 mb-md-0">

<h4 class="text-white mb-5 mr-1">Training Partner</h4>

<hr>

<ul class="list-unstyled">

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="#">@B2E Coder</a></li>

<!-- <li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="#">Online Test</a></li>

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="#">Video Classes</a></li>

<li class="mb-3"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="#">Result</a></li>

--> </ul>

</div>

<!-- GET IN TOUCH -->

<div class="col-lg-3 col-sm-8 mb-5 mb-lg-0">

<h4 class="text-white mb-5 mr-1">GET IN TOUCH</h4>

<hr>

<ul class="list-unstyled">

<li class="mb-2"><i class="ti-angle-double-right mr-1 arrow"></i><a href="#" class="text-color" title="">Bhagwan Talkies crossing, Nagla Padi, Agra, Uttar Pradesh 282005</a></li>

<li class="mb-2"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="#">+91-8126359226</a></li>

<li class="mb-2"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="#">+91-8218179366</a></li>

<li class="mb-2"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="#">+91-7500424802</a></li>

<li class="mb-2"><i class="ti-angle-double-right mr-1 arrow"></i><a class="text-color" href="#">campusplacement@cpa.com</a></li>

</ul>

</div>

</div>

</div>

</div>

<!-- copyright -->

<div class="copyright py-2 bg-footer">

<div class="container">

<div class="row">

<div class="col-sm-7 text-sm-left text-center">

<p class="mb-0">© Copyright

<script>

var CurrentYear = new Date().getFullYear()

document.write(CurrentYear)

</script>

Design by <a href="https://themefisher.com">CPA</a></p> . All Rights Reserved By Campus Placement Automation.

</div>

<div class="col-sm-5 text-sm-right text-center">

<ul class="list-inline">

<li class="list-inline-item"><a class="d-inline-block p-2" href="https://www.facebook.com/"><i class="ti-facebook text-primary"></i></a></li>

<li class="list-inline-item"><a class="d-inline-block p-2" href="https://twitter.com/login"><i class="ti-twitter-alt text-primary"></i></a></li>

<li class="list-inline-item"><a class="d-inline-block p-2" href="https://www.instagram.com/"><i class="ti-instagram text-primary"></i></a></li>

<li class="list-inline-item"><a class="d-inline-block p-2" href="#"><i class="fa fa-google-plus"></i></a></li>

</ul>

</div>

</div>

</div>

</div>

</footer>

<!-- /footer -->

<!-- first jquery,proper.js,bottstrap -->

<script src="plugins/jQuery/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>

<!-- slick slider -->

<script src="plugins/slick/slick.min.js"></script>

<!-- aos -->

<script src="plugins/aos/aos.js"></script>

<!-- venobox popup -->

<script src="plugins/venobox/venobox.min.js"></script>

<!-- mixitup filter -->

<script src="plugins/mixitup/mixitup.min.js"></script>

<!-- google map -->

<script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyCcABaamniA6OL5YvYSpB3pFMNrXwXnLwU&libraries=places"></script>

<script src="plugins/google-map/gmap.js"></script>

<!-- slider -->

<script type="text/javascript" src="engine1/wowslider.js"></script>

<script type="text/javascript" src="engine1/script.js"></script>

<!-- Main Script -->

<script src="js/script.js"></script>

<!-- scroll effect -->

<script>

AOS.init({

duration: 1500,

});

</script>

</body>

</html>

**FUTURE SCOPE:-**

Future Scope for extension in this project include IOS and Android. As this system already

consist of many features but still there can be some errors which can overcome in future

release. We also try to add personal chatting between user.

The project is easily extensible and can be improved by further incremental releases of the same.

New modules can be easily added as it requires only an addition of a new package. Forum can be

upgraded with new features. Communication between company, College, admin and student can

be increased by live chat options.

**CONCLUSION**

We can draw following conclusions from the system implementation for CPA:

* Students can fill out registration forms at their ease from their respective desktop computer
* systems and Smart phones which relieves them from standing in long queues for submitting the forms.

* Retrieving student data from database is easier than passing queries and formatting data in excel sheets.
* Communication between the College TPO, Students , Company and Admin is made smooth through Read and Write Post option.

* Online mock tests give students better understanding of the actual test to be conducted by the companies.

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