



# **University of Lucknow**



The Study Hall College

Piparsand-Lucknow

College Code: 241

Major Project Report

On

## **“Student Placement Cell”**

**UNDER GUIDANCE OF**

**Dr. Neha Mahendra**

Department of Computer Application,  
The Study Hall College,  
Piparsand - Lucknow.

**SUBMITTED BY**

**Ankush Gupta**

182410625004

B.C.A. VI<sup>th</sup> Semester 2021



Digiflying



Date: 27th July 2021

**TO WHOM IT MAY CONCERN**

Subject: Internship Completion Certificate for Mr. Ankush Gupta  
Dear Sir/Madam,

This is an Internship Completion Certificate for Mr. Ankush Gupta, BCA 3 year ,  
6 Semester - Computer Application, The Study Hall College from 27/01/2021 to  
29/04/2021 under the guidance of Manish Mishra.

We state on record that **Mr. Ankush Gupta** has successfully completed his project in the role of Laravel Internship. He worked sincerely on his assignments and has been an asset to our organization during his tenure. He worked on a project titled "Student Placement System". The Technology he used for development included Laravel 5.0 PHP framework with MySql. During the internship, he demonstrated lots of promise and skill in his work and successfully met the objectives that were set for the project on time.

We wish him all the very best for all his future endeavors.

**Digiflying**  
**Manish Mishra**  
**Director**



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### **CERTIFICATE**

This is to certify that major project training entitled “Student Placement Cell” has been developed by the team comprising of **Ankush Gupta** under my supervision in for the partial fulfillment for the award of degree “**Bachelor of Computer Application (BCA)**” for the session 2021.

**Mr. Utpal Mishra,**  
Director,  
The Study Hall College,  
Piparsand - Lucknow.

**Dr. Neha Mahendra**  
Project Guide,  
Department of Computer Application,  
The Study Hall College,  
Piparsand - Lucknow.

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## **PREFACE**

There is a rapid growth in the field of information technology and this has severely influenced the whole world. Thus, applications are coming up very frequently these days to make the people relax with their complexities.

My project is “**STUDENT PLACEMENT CELL**”. This is an application which helps people, especially college/college students/companies to get information about student record, company record, and various job opportunity for college students. This is very useful for us that allow the administrator of any organization to edit and find out personal details of a student and allows the student to keep up to date his/her profile and companies to find out fresh candidates for their company. It’s also facilitate keeping all the records of students, such as their id, name, mailing address, phone-number, date-of-birth, c.v, photo, etc. and also records of companies like name, contact information, etc so all the information about student & company will be available in few seconds.

We have just tried to make potential to remove the frequent complications of modification, updating. In my project I tried to remove the complexity of finding student records, job vacancy, and its record keeping. The software has been designed keeping in mind the concepts of PHP and SQL Server, their usefulness has illustrated by means of the codes and help provided in the software. Hence tasks involved the usage of PHP with SQL Server that is open source.

Ankush Gupta  
182410625004  
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The Study Hall College, Piparsand –Lucknow (226008)

## **ACKNOWLEDGEMENT**

We express our deep sense of respect and gratitude to our director sir "**Mr. Utpal Mishra**" and Dean Academics "**Dr. Himanshu Singh**" for providing us the necessary facilities required in completing this project.

We are indebted to "**Dr. Neha Mahendra**" for his guidance, constant encouragement, valuable suggestions, fruitful advice and constructive criticism which made it possible for us to complete this work properly.

We are also deeply indebted to my Mentor "**Mr. Juan Carlos**" for providing us their valuable time to solve our conceptual as well as technical problem to achieve our goals.

Lastly, we would like to thank the almighty GOD and our parents for their moral support and friends with whom we shared our day-to-day experience and received lots of suggestions that improved our quality of work.

**Regards,**

Ankush Gupta (182410625004)

The Study Hall College,

Piparsand – Lucknow.

# **INTRODUCTION**

# **1 INTRODUCTION**

Student Placement Cell is a software which is helpful for students, College and Companies. In the current system all the activities are done manually. It is very time consuming and costly. Our Student Placement Cell deals with the various activities related to the students, college and company.

There are mainly 3 modules in this software

- Administrator Module
- Student Module
- Company Module

In the Software we can register as a company as well as a student for every student the authentication code and the roll no is provided by the college administration and for the registration of a company the Registration ID and the authentication code is provided by the administrator the institute.

In this project an admin can manage the company and student and take decision about the students and company like deletion of any student or company admin is authorized to create the token for the registration of the company and student.

## **1.1 ABOUT THE TOPIC**

I am providing major project Student Placement Cell which has been developed on PHP, HTML, CSS and MySQL. This project is to facilitate students in college and company to register and communicate with college authority. The user can access easily to this and data can be retrieved easily in no time. In the main page there are options for a new register, a registered student or company to directly login using username and password. In the student registration form, we can give personal details, educational details, professional details, and upload cv. In the company registration form, company can give name, location, email, mobile number, etc. The job details of placed student and new job notification are provided by the company to the students and college authority.

The main control of the system is in the hand of college authority.

Overall, it'll make Student Placement Cell an easier job for the administrator and the student and company of any organization.

The main purpose of this SPC document is to illustrate the requirements of the project **Student Placement Cell** and is intended to help any organization to maintain and manage its student's personal data.

## **1.2 STUDY OF EXISTING SYSTEM**

System Analysis is a detailed study of the various operations performed by a system and their relationships within and outside of the system. Here the key question is- what all problems exist in the present system? What must be done to solve the problem? Analysis begins when a user or manager begins a study of the program using existing system.

During analysis, data collected on the various files, decision points and transactions handled by the present system. The commonly used tools in the system are Data Flow Diagram, interviews, etc. Training, experience and common sense are required for collection of relevant information needed to develop the system. The success of the system depends largely on how clearly the problem is defined, thoroughly investigated and properly carried out through the choice of solution. A good analysis model should provide not only the mechanisms of problem understanding but also the frame work of the solution. Thus it should be studied thoroughly by collecting data about the system. Then the proposed system should be analyzed thoroughly in accordance with the needs.

System analysis can be categorized into four parts.

- System planning and initial investigation
- Information Gathering
- Applying analysis tools for structured analysis
- Feasibility study

In the current system we need to keep a number of records related to the student and want to enter the details of the student manually and student have to suffer to get the job.

Proposed System - Student Information System.

In our proposed system we have the provision for adding the details of the students by themselves. So, the overhead of the college authorities is become less. And both companies and students now get a online plate form to get jobs and employees. Another advantage of the system is that it is very easy to edit the details of the student and delete a student when it found unnecessary. Students or company now don't have to get suffer to get the best for them.

Our proposed system has several advantages

- User friendly interface
- Fast access to database
- Less error
- More Storage Capacity
- Search facility

➤ Look and Feel Environment

All the manual difficulties in managing the student details or getting jobs have been rectified by implementing computerization.

### **1.3 LIMITATIONS OF EXISTING SYSTEM**

- More man power.
- Time consuming.
- Consumes large volume of paper work.
- Needs manual calculations.
- No direct role for the higher officials.

To avoid all these limitations and make the working more accurately the system needs to be computerized in a better way.

# **OBJECTIVE AND ADVANTAGE**

## **2 OBJECTIVE AND ADVANTAGE**

### **2.1 Objective of proposed system**

Computers and information technology has a major influence on the society and the society is becoming more and more dependent on technology. Going on is an era of simplifying almost all complicated works using computers. The last few years have witnessed a tremendous increase in the capabilities and use of computers. Manual processing makes the process slow and other problems such as inconsistency and ambiguity on operations. The proposed system intends user-friendly operations which may resolve ambiguity. By considering all this factors, the applications produced, which performs the social service simply and effectively. The project objectives are:

To create student placement cell with the following features:

- Addition of student's record
- Deletion of student's record
- Modification of student's record
- To provide job and college notifications to student.
- To easily add new student's information to the database
- To easily retrieve information about a particular student
- To provide interactive user interface
- To provide details information with much effort
- To provide security against unauthorized access of database
- To allow the archiving of hard copy materials
- To automate the process of manual handling of student's record
- And many more..

### **2.2 Advantages of proposed system**

- Hassle free recruitment/Enrollment processes
- Managing student & company information
- Student portal
- Company portal
- To faster efficiency
- Redundant human errors

- Parental portal
- No more data breaches
- Effortless communication
- Builds Alumni

**TOOLS  
&  
CONFIGURATION**

## **3 SOFTWARE AND HARDWARE REQUIREMENT**

### **3.1 Software Requirement**

<b>Programmer</b>	<b>Client</b>
<ul style="list-style-type: none"><li>• MySQL Server (Apache) (For Back end)</li><li>• VS code (For Front end)</li><li>• Xampp server</li></ul>	Windows 10, Windows 7

### **3.2 Hardware Requirement**

<b>Programmer</b>	<b>Client</b>
<ul style="list-style-type: none"><li>• Intel core 2 duo and 1.5 ghz or higher processor</li><li>• 2 GB RAM</li><li>• 10 GB HDD Space</li></ul>	<ul style="list-style-type: none"><li>• Intel core 2 duo and 1.5 ghz or higher processor</li><li>• 1 GB RAM</li><li>• 1 GB HDD Space</li></ul>

# **TECHNOLOGY USED**

## **4 TECHNOLOGY USED**

### **4.1 Editor**

The technology selected for implementing Student Placement Cell is PHP/MYSQL. Apache is used as the HTTP server. The development was done in a ‘windows’ environment using visual studio code.

### **VS CODE**

Visual Studio Code (known as VS Code) is a free open source text editor by Microsoft. VS Code is available for Windows, Linux, and macOS. Although the editor is relatively lightweight, it includes some powerful features that have made VS Code one of the most popular development environment tools in recent times.

VS Code supports a wide array of programming languages from Java, C++, and Python to CSS, Go, and Docker file. Moreover, VS Code allows you to add on and even creating new extensions including code linters, debuggers, and cloud and web development support. The VS Code user interface allows for a lot of interaction compared to other text editors.

### **4.2 Working technologies**



PHP is a general-purpose scripting language that is especially suited to server-side web development where PHP generally runs on a web server. PHP code is embedded into the HTML source document. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content. It can also be used for command-line scripting and client-side GUI applications. PHP can be deployed on many web servers and operating systems, and can be used with many relational database management systems (RDBMS). It is available free of charge, and the PHP Group provides the complete source code for users to build, customize and extend for their own use.



### **MySQL**

MySQL is a relational database management system (RDBMS) that runs as a server providing multi-user access to a number of databases. MySQL is a popular choice of database for use in web applications and is an open source product. The process of setting

up a MySQL database varies from host to host, however we will end up with a database name, a user name and a password. Before using our database, we must create a table. A table is a section of the database for storing related information. In a table we will set up the different fields which will be used in that table. Creating a table in phpMyAdmin is simple, we just type the name, select the number of fields and click the ‘go’ button. we will then be taken to a setup screen where you must create the fields for the database. Another way of creating databases and tables in phpMyAdmin is by executing simple SQL statements. We have used this method in order to create our database and tables



Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

CSS information can be provided from various sources. These sources can be the web browser, the user and the author. The information from the author can be further classified into inline, media type, importance, selector specificity, rule order, inheritance and property definition. CSS style information can be in a separate document or it can be embedded into an HTML document. Multiple style sheets can be imported. Different styles can be applied depending on the output device being used; for example, the screen version can be quite different from the printed version, so that authors can tailor the presentation appropriately for each medium. The style sheet with the highest priority controls the content display. Declarations not set in the highest priority source are passed on to a source of lower priority, such as the user agent style. The process is called cascading.

One of the goals of CSS is to allow users greater control over presentation. Someone who finds red italic headings difficult to read may apply a different style sheet. Depending on the browser and the web site, a user may choose from various style sheets provided by the designers, or may remove all added styles and view the site using the browser's default styling, or may override just the red italic heading style without altering other attributes.



Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets. Tags such as `<img />` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.

HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

## Apache

The Apache HTTP Server is a web server software notable for playing a key role in the initial growth of the World Wide Web. In 2009 it became the first web server software to surpass the 100 million web site milestone. Apache is developed and maintained by an open community of developers under the auspices of the Apache Software Foundation. Since April 1996 Apache has been the most popular HTTP server software in use. As of November 2010 Apache served over 59.36% of all websites and over 66.56% of the first one million busiest websites.

## XAMPP

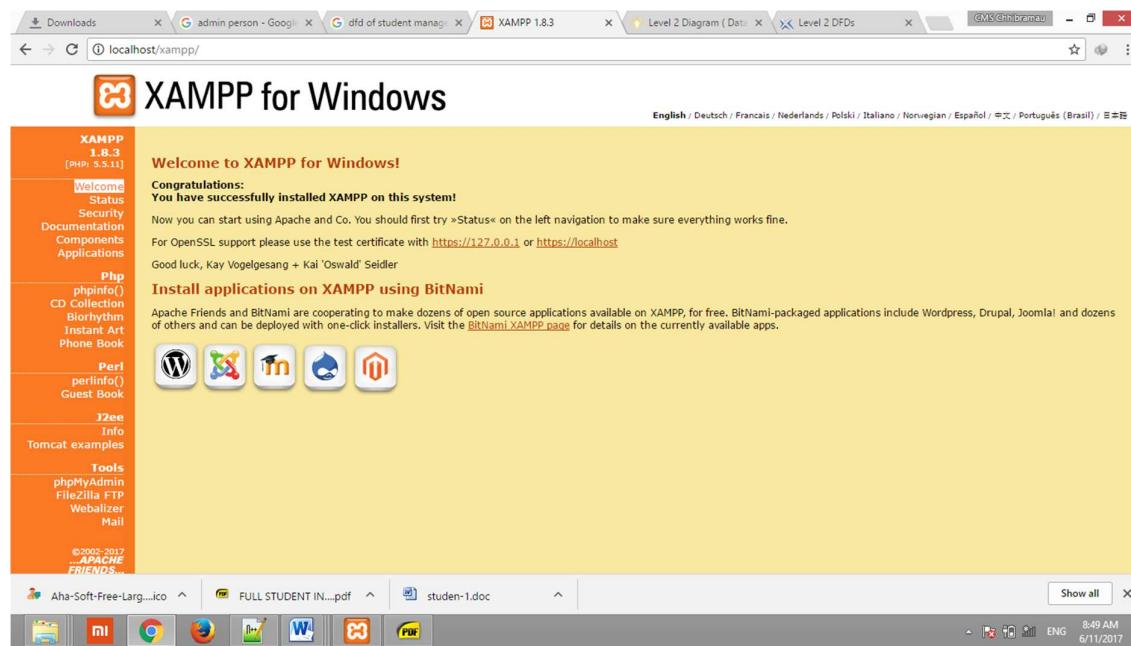
XAMPP is a small and light Apache distribution containing the most common web development technologies in a single package. Its contents, small size, and portability make it the ideal tool for students developing and testing applications in PHP and MySQL. XAMPP is available as a free download in two specific packages: full and lite. While the full package download provides a wide array of development tools, XAMPP Lite contains the necessary

technologies that meet the Ontario Skills Competition standards. The light version is a small package containing Apache HTTP Server, PHP, MySQL, phpMyAdmin, OpenSSL, and SQLite.

## Obtaining and Installing XAMPP

As previously mentioned, XAMPP is a free package available for download and use for various web development tasks. All XAMPP packages and add-ons are distributed through the Apache Friends website at the address: <http://www.apachefriends.org/>. Once on the website, navigate and find the Windows version of XAMPP and download the self-extracting ZIP archive. After downloading the archive, run and extract its contents into the root path of a hard disk or USB drive. For example, the extract path for a local Windows installation would simply be C:\. If extracted properly we will notice a new xampp directory in the root of your installation disk. In order to test that everything has been installed correctly, first start the Apache HTTP Server by navigating to the xampp directory and clicking on the apache\_start.bat batch file.

Next, we will test if the server is running correctly by opening an internet browser and typing <http://localhost/> into the address bar.



In order to stop all Apache processes we do not close the running terminal application, but instead run another batch file in the xampp lite directory called apache\_stop.bat.

## **Creating a Database and Inserting Data**

Now that we have run and tested Apache and PHP, the next step is running MySQL and creating a database and table which will hold information to be used by our website. In order to start MySQL, navigate to the xampp directory and run the mysql\_start.bat batch file. The XAMPP package contains an application called phpMyAdmin which allows developers to administer and maintain MySQL databases. We will be using phpMyAdmin to create a database and table, and enter test data. Before testing phpMyAdmin, make sure that both Apache and MySQL are running by opening their respective batch files: apache\_start.bat and mysql\_start.bat. Along with Apache and MySQL running in the background, we type <http://localhost/phpMyAdmin/> into our web browser. If successful we will be presented with a phpMyAdmin start page similar to the one shown below.

The first step with phpMyAdmin running is creating a new database. We create a new database by directly executing SQL statements as shown below. The successful execution of the sql query creates a database ‘sims’ with tables in it. The table are admin login and student info. We also inserted values in the admin table. The screenshot below shows the successful execution of the query thus creation of a database named student.

## **4.3 LIBRARIES USED**

I used several libraries in my project. I used several packages (classes and their methods) in my project according to my need.

### **Java script**

JavaScript is a scripting language that is one of the three core languages used to develop websites. Whereas HTML and CSS give a website structure and style, JavaScript lets you add functionality and behaviors to your website, allowing your website’s visitors to interact with content in many imaginative ways. JavaScript is primarily a client-side language, meaning it runs on your computer within your browser. However, more recently the introduction of Node.js has allowed JavaScript to also execute code on servers. Since its release, JavaScript has surpassed Java, Flash, and other languages because it is relatively easy to learn, has a free and open community, and, most importantly, is incredibly useful, allowing developers to quickly create apps with audiences in the millions.

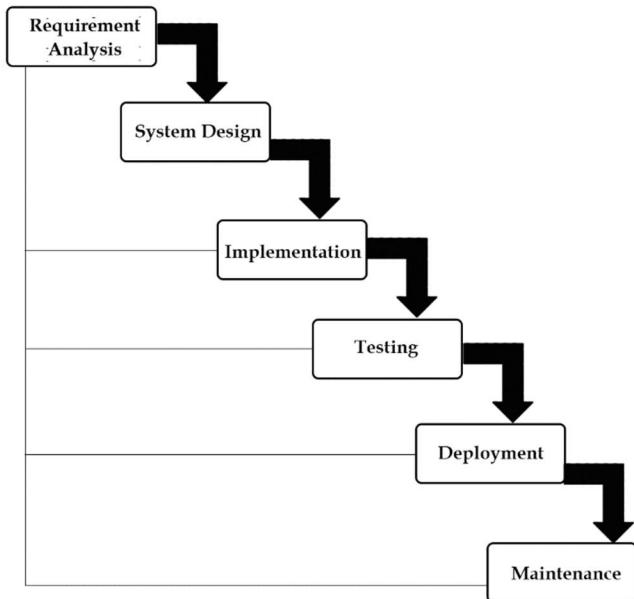
**SOFTWARE  
ENGINEERING MODEL  
USED**

## 5 SOFTWARE ENGINEERING LIFE CYCLE MODEL USED

### 5.1 WATERFALL MODEL

The waterfall model was selected as the SDLC model due to the following reasons:

- Requirements were very well documented, clear and fixed.
- Technology was adequately understood.
- Simple and easy to understand and use.
- There were no ambiguous requirements.
- Easy to manage due to the rigidity of the model. Each phase has specific deliverables and a review process.
- Clearly defined stages.
- Well understood milestones. Easy to arrange tasks.



# **SYSTEM ANALYSIS**

## **6 SYSTEM ANALYSIS**

### **6.1 Preliminary Investigation-**

The first step in the system development life cycle is the preliminary investigation to determine the feasibility of the system. The purpose of this phase is to determine the system requirements in current time. Previous system for student placement process was manual. It can be possible to computerized these processes so that it can be faster and more efficient to manage. Working of this system described as-

New student registration, new registration for company, login for student or admin or company, admin controls and manage according to selected student, displaying details to the student, company upload job notification.

### **6.2 Requirement Analysis-**

Requirement analysis is the most important phase in system development life cycle. In this phase all the requirements for the software are determined and document them in a software requirement specification document. This information is being then used to plan the basic project approach and conduct feasibility study in economical, technical, operational areas.

In this phase both customer and developer play an important role in requirement analysis and specification. Customer mention all his requirements from the system and the developer acts as an interrogator and problem solver

The whole process of developing the software is categorized in following phases-

1. Planning and requirement analysis
2. Defining requirements
3. Designing product architecture
4. Coding
5. Testing
6. Maintenance

Initially the requirement gathering and documentation performed after then plan has to be made upon them. Each requirement is mentioned in SPC document so that it can be verified by the customers. Once all the requirements stated in SPC are approved by the client the next phase starts in which the architecture of system is developed in terms of Entity relationship diagram and data flow diagram. Once the architecture is developed the next phase is start where in which the actual work of coding is started. After coding of each module unit testing is performed by the developer. Once all modules are coded the all are integrated and integration and system testing is performed. As all types of testing is done and system fulfil the requirements of customer then it

is ready to deploy. At last maintenance phase is continuously occur until the software is exist in the market.

# **FEASIBILITY STUDY**

## **7 FEASIBILITY STUDY**

Whatever we think need not be feasible. It is wise to think about the feasibility of any problem we undertake. Feasibility is the study of impact, which happens in the organization by the development of a system. The impact can be either positive or negative. When the positives nominate the negatives, then the system is considered feasible. Here the feasibility study can be performed in two ways such as technical feasibility and Economical Feasibility. There are 3 parts in feasibility study.

- Technical Feasibility
- Economical Feasibility
- Operational Feasibility

### **7.1 Technical Feasibility**

We can strongly say that it is technically feasible, since there will not be much difficulty in getting required resources for the development and maintaining the system as well. All the resources needed for the development of the software as well as the maintenance of the same is available in the organization here we are utilizing the resources which are available already.

### **7.2 Economical Feasibility**

Development of this application is highly economically feasible. The organization needed not spend much money for the development of the system already available. The only thing is to be done is making an environment for the development with an effective supervision. If we are doing so, we can attain the maximum usability of the corresponding resources. Even after the development, the organization will not be in condition to invest more in the organization. Therefore, the system is economically feasible.

### **7.3 Operational Feasibility**

Operational feasibility covers two aspects. One is a technical performance aspects and the other is acceptance within the organization. Technical performance includes issues such as a provides the right information for the organization's personals, and whether the system can be organized so that it always delivers this information at the right place on the time. Acceptance revolves around the current system and its personal determining whether the system can.

# **CONCEPTUAL MODEL**

## 8 CONCEPTUAL MODEL

### 8.1 DATA FLOW DIAGRAM

#### Introduction of DFD

A DFD, in simple words, is a hierarchical graphical model of a system that shows the different processing activities or functions that the system performs and the data interchange among these functions. In the DFD terminology, it is useful to consider each function as a process that consumes some input data and produces some output data.

The DFD (also known as the bubble chart) is a simple graphical formalism that can be used to represent a system in terms of the input data to the system, various processing carried out on these data, and the output data generated by the system. The main reason why the DFD technique is so popular is probably because of the fact that DFD is a very simple formalism- it is simple to understand and use. A DFD model uses a very limited number of primitive symbols to represent the functions performed by a system and the data flow among these functions. Starting with a set of high-level functions that a system performs, a DFD model hierarchically represents various sub functions. In fact, any hierarchical model is simple to understand. Human mind is such that it can easily understand any hierarchical model of a system-because in a hierarchical model, starting with a very simple and abstract model of a system; different details of the system can be slowly introduced through different hierarchies.

#### Types of DFD

Data Flow Diagrams are either Logical or Physical.

- **Logical DFD** - This type of DFD concentrates on the system process, and flow of data in the system. For example in a Banking software system, how data is moved between different entities.
- **Physical DFD** - This type of DFD shows how the data flow is actually implemented in the system. It is more specific and close to the implementation.

#### DFD Components

DFD can represent Source, destination, storage and flow of data using the following set of components –



- **Entities** - Entities are source and destination of information data. Entities are represented by a rectangle with their respective names.

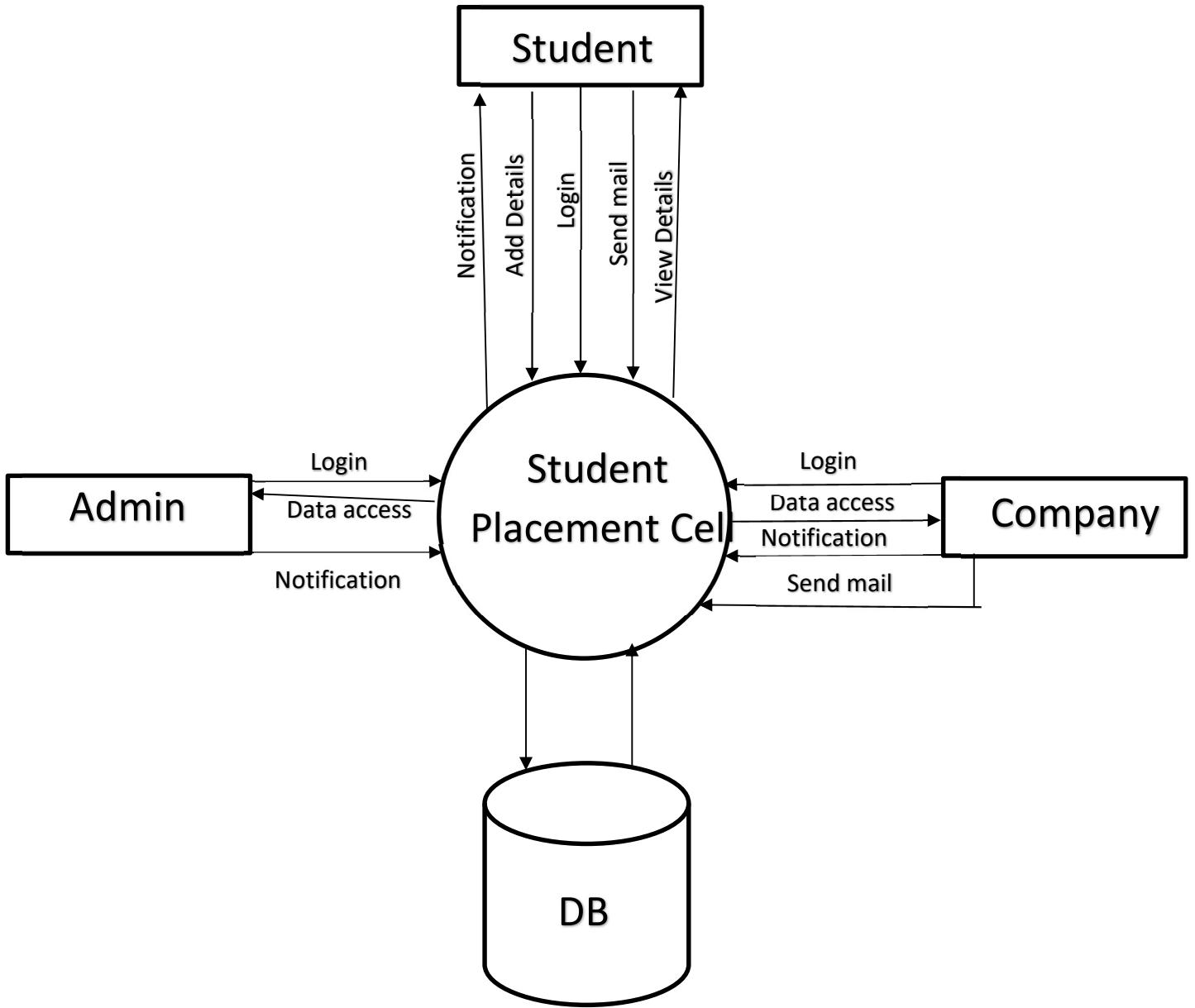
- **Process** - Activities and action taken on the data are represented by Circle or Round-edged rectangles.
- **Data Storage** - There are two variants of data storage - it can either be represented as a rectangle with absence of both smaller sides or as an open-sided rectangle with only one side missing.
- **Data Flow** - Movement of data is shown by pointed arrows. Data movement is shown from the base of arrow as its source towards head of the arrow as destination.

## **DFD levels**

A data flow diagram can dive into progressively more detail by using levels and layers, zeroing in on a particular piece. DFD levels are numbered 0, 1 or 2, and occasionally go to even Level 3 or beyond. The necessary level of detail depends on the scope of what you are trying to accomplish.

### **DFD 0.0 level**

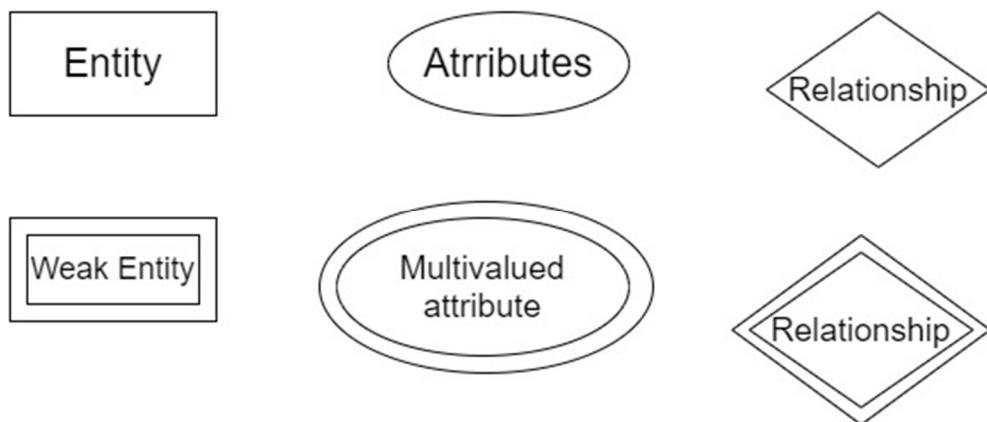
DFD Level 0 is also called a Context Diagram. It's a basic overview of the whole system or process being analyzed or modeled. It's designed to be an at-a-glance view, showing the system as a single high-level process, with its relationship to external entities. It should be easily understood by a wide audience, including stakeholders, business analysts, data analysts and developers.



Zero Level DFD

## 8.2 INTRODUCTION TO E-R DIAGRAM

The entity-relationship data model is based on a perception of a real world that consists of a collection of basic objects called entities and of relationships among these objects. An entity is an “object” in the real world that is distinguishable from other objects. For e.g. each customer is an entity and rooms can be considered to be entities. Entities are described by a set of attributes. For e.g. the attributes Room no. and Room type describes a particular Room in a hotel. The set of all entities of the same type and the set of all relationships of the same type are termed as an entity set and relationship set respectively. The logical structure of a database can be expressed graphically by an E-R diagram consists of the following major components:



### Entity

An entity is an “object” in the real world that is distinguishable from all other objects. An entity set is a set of entities of the same type that share the same attributes.

### Weak Entity

A weak entity is an entity that depends on the existence of another entity. In more technical terms it can be defined as an entity that cannot be identified by its own attributes. It uses a foreign key combined with its attributes to form the primary key. An entity like order item is a good example for this. The order item will be meaningless without an order so it depends on the existence of the order.

### Attribute

An attribute is the characteristic property of an existing entity. The difference between attribute type and attribute instance has to be understood.

## Multivalued Attribute

If an attribute can have more than one value it is called a multi valued attribute. It is important to note that this is different to an attribute having its own attributes. For example, a teacher entity can have multiple subject values.



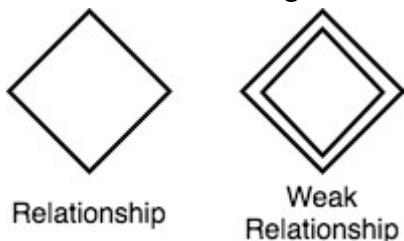
## Derived Attribute

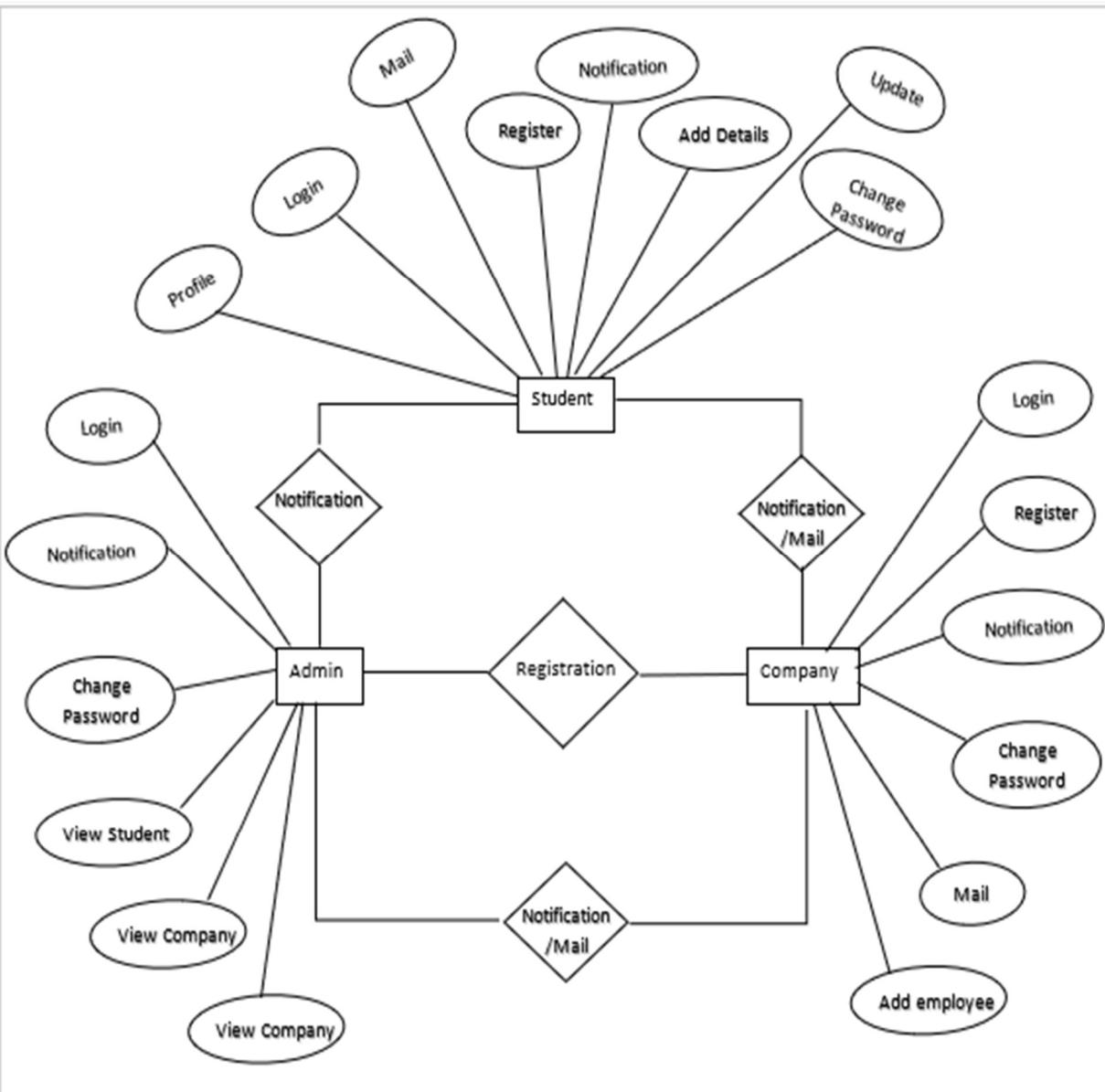
An attribute based on another attribute. This is found rarely in ER diagrams. For example, for a circle, the area can be derived from the radius.



## Relationships between Entities - Weak and Strong

The association among entities is called a relationship.





# E-R Diagram

## 8.3 DATABASE

### admin

Column	Type	Null	Default	Links to	Comments	Media type
s_number (Primary)	int(10)	No				
email	varchar(255)	No				
password	varchar(255)	No				

### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	s_number	0	A	No	

### college\_notice

Column	Type	Null	Default	Links to	Comments	Media type
s_number (Primary)	int(10)	No				
subject	varchar(255)	No				
date	varchar(255)	No				
email	varchar(255)	No				
notice	varchar(255)	No				

### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	s_number	0	A	No	

### company

Column	Type	Null	Default	Links to	Comments	Media type
s_number (Primary)	int(10)	No				

name	varchar(255)	No					
mobile	varchar(255)	No					
address	varchar(255)	No					
email	varchar(255)	No					
password	varchar(255)	No					
message	varchar(255)	No					

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	s_number	1	A	No	

### mail

Column	Type	Null	Default	Links to	Comments	Media type
s_number (Primary)	int(10)	No				
user_mail	varchar(255)	No				
email	varchar(255)	No				
subject	varchar(255)	No				
date_time	varchar(255)	No				
message	text	No				
cv	varchar(255)	No				

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	s_number	2	A	No	

**notification**

Column	Type	Null	Default	Links to	Comments	Media type
s_number (Primary)	int(10)	No				
company	varchar(255)	No				
post	varchar(255)	No				
date	varchar(255)	No				
email	varchar(255)	No				
notice	varchar(255)	No				

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	s_number	2	A	No	

**registration**

Column	Type	Null	Default	Links to	Comments	Media type
s_number (Primary)	int(10)	No				
name	char(100)	No				
email	varchar(255)	No				
password	varchar(255)	No				

## Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	s_number	3	A	No	

**selected**

Column	Type	Null	Default	Links to	Comments	Media type

s_number (Primary)	int(10)	No					
name	varchar(255)	No					
post	varchar(255)	No					
stream	varchar(255)	No					
pyear	int(10)	No					
companynamne	varchar(255)	No					

#### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	s_number	5	A	No	

#### student

Column	Type	Null	Default	Links to	Comments	Media type
s_number (Primary)	int(10)	No				
fname	varchar(255)	No				
lname	varchar(255)	No				
dob	varchar(255)	No				
gender	varchar(255)	No				
mobile	varchar(255)	No				
email	varchar(255)	No				
father	varchar(255)	No				
mother	varchar(255)	No				
nation	varchar(255)	No				

state	varchar(255)	No					
city	varchar(255)	No					
address	varchar(255)	No					
photo	varchar(255)	No					
ginstitute	varchar(255)	No					
gstream	varchar(255)	No					
gyear	varchar(255)	No					
ggrade	varchar(255)	No					
iinstitute	varchar(255)	No					
istream	varchar(255)	No					
iyear	varchar(255)	No					
igrade	varchar(255)	No					
hinstitute	varchar(255)	No					
hstream	varbinary(255)	No					
hyear	varchar(255)	No					
hgrade	varchar(255)	No					
cv	varchar(255)	No					
bio	text	No					

#### Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	s_number	0	A	No	

# **SYSTEM MODULES**

## **9 SYSTEM MODULES**

Our project includes following modules.

- **Login module**
- **Registration module**
- **Edit module**
- **Record Keeping**
- **Notification**

**9.1 Login module:** -This module takes the login id of the student which is generated after the successful registration and takes the password of the student. Through the login id and password, the student will able to open his/her profile

**9.2 Registration module:** - This module has taken all the basic information about the student which are necessary like name, contact number, course, mobile number, email address etc. for the stored it in a database.

**9.3 Edit module:-** Through this module, student and teacher can edit her/his profile according to their need. Student and teacher can make some changes in their database.

**9.4 Record Keeping:-** In this module admin keeps records of student and teacher. Admin can view details of students and teachers.

**9.5 Notification:-** In this module college and company upload their notifications . Students and college can see job notifications of company.

# CODING & SNAPSHOT

# 10 CODING AND SNAPSHOTS

## Home Page

The screenshot shows a web browser window titled "SPC" with the URL "localhost/spc/index.php". The page has a dark header with "Home", "About", and "Contact" links, and a "Home Page" title. The main content features a large blue banner with the text "||Student Placement Cell||" and the logo "shef The Study Hall College" with the address "Pipersand Lucknow-226008". Below the banner are three images: one of a person holding a diploma labeled "COLLEGE", one of a student using a laptop labeled "STUDENT", and one of a company representative labeled "COMPANY". A section titled "Who Are We ?" contains a brief description of the software's purpose. The taskbar at the bottom shows various application icons.

This screenshot shows the same web browser window as above, but the "Who Are We ?" section is expanded. It contains a detailed description of the software's functionality, mentioning enrollment, job notifications, and CV submission. The "Student Placement Cell" logo and contact information are also present on the page. The taskbar at the bottom is identical to the first screenshot.

## HOME PAGE

```
<?php
include('connection.php');
session_start(); ?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SPC</title>
</head>
<style>
    *{margin:0px;
     padding:0px; }

body{ background-image: url("bgimg.jpg");
      background-size: cover; }

.nav ul { list-style-type: none;
           margin: 0;
           padding: 0;
           overflow: hidden;
           background-color: #333; }

.nav li { float: left; }

.nav li a { display: block;
            color: white;
            text-align: center;
            padding: 14px 16px;
            text-decoration: none; }

.nav li a:hover:not(.active) { background-color: #111; }

.heading{ width:100%;
          display:inline;
          justify-content: center;
          align-items: center; }
```

```
.h{ margin-top: 20px;  
    height: 100px;  
    width:100%;  
    display:flex;  
    justify-content: center;  
    align-items: center;  
    font-size:40px;  
    font-weight:bold;  
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;      }  
  
.h2{ font-size: 30px;  
     display:flex;  
     width:100%;  
     height: 40px;  
     justify-content: center;  
     align-items: center;  
     font-weight:bold;  }  
  
img{  
    height:80px;  
    margin-right:10px;  }  
  
.address{  
    font-size:20px;  
    display: flex;  
    width: 100%;  
    height: 40px;  
    justify-content: center;  
    align-items: center;  
}  
.sp{  
    color: rgb(31,120,160) ;  
    margin:2px;  
}  
  
.links{  
    display:flex;  
    justify-content:space-between;  
    width:100%;  
    height:200px;
```

```
    align-items: center;
    margin-top:50px;
}
.csc{
    width:30%;
    justify-content: center;
    display:flex;
    font-size: 30px;
    height:100%;
    align-items:center;
    font-weight:bold;
    margin:30px;
}
.csc a{
    text-decoration: none;
    height:50%;
    background-color:rgba(16, 124, 234, 0.5);
    color:white;
    width:100%;
    display:flex;
    justify-content:center;
    align-items:center;
    transition: 0.4s;
}
.link1{
    background-image: url("coll.jpg");
    background-size: cover;
}
.link2{
    background-image: url("std.jpg");
    background-size: cover;
}
.link3{
    background-image: url("com.jpg");
    background-size: cover;
}
.csc a:hover{
    height:100%;
    align-items:center;
}
```

```
.about{
    padding-top: 50px;
    padding-bottom: 50px;
    width: 100%;
    display: flex;
    flex-direction: column;
    font-family: 'Segoe UI';
    align-items: center;
    justify-content: center;
    font-size:16px;
}
.about_container{
    margin: 30px;
    background-color: white;
    line-height: 30px;
    display: inline;
    display: flex;
    padding: 20px;
}
#soft{
    font-size: 20px;
    color: gray;
}

.footer{
    padding-bottom: 30px;
    padding-top: 30px;
    background-color: #353535;
    display: flex;
    justify-content: center;
}
.footer_child{
    width: 25%;
    height: 170px;
    font-family: Segoe UI;
    display: flex;
    justify-content: center;
    margin-right: 60px;
}
```

```
.footer_child_1{
    align-items: center;
    color: white;
    font-size: 20px;
}
ul{
    margin-top: 5px;
}
li{
    list-style-type: none;
    margin-top: 10px;
    color: white;
}
.first{
    font-size: 22px;
}

.container{
    width: 90%;
    display: flex;
}

.footer_child_4{
    display: flex;
    justify-content: center;
    align-items: center;
}

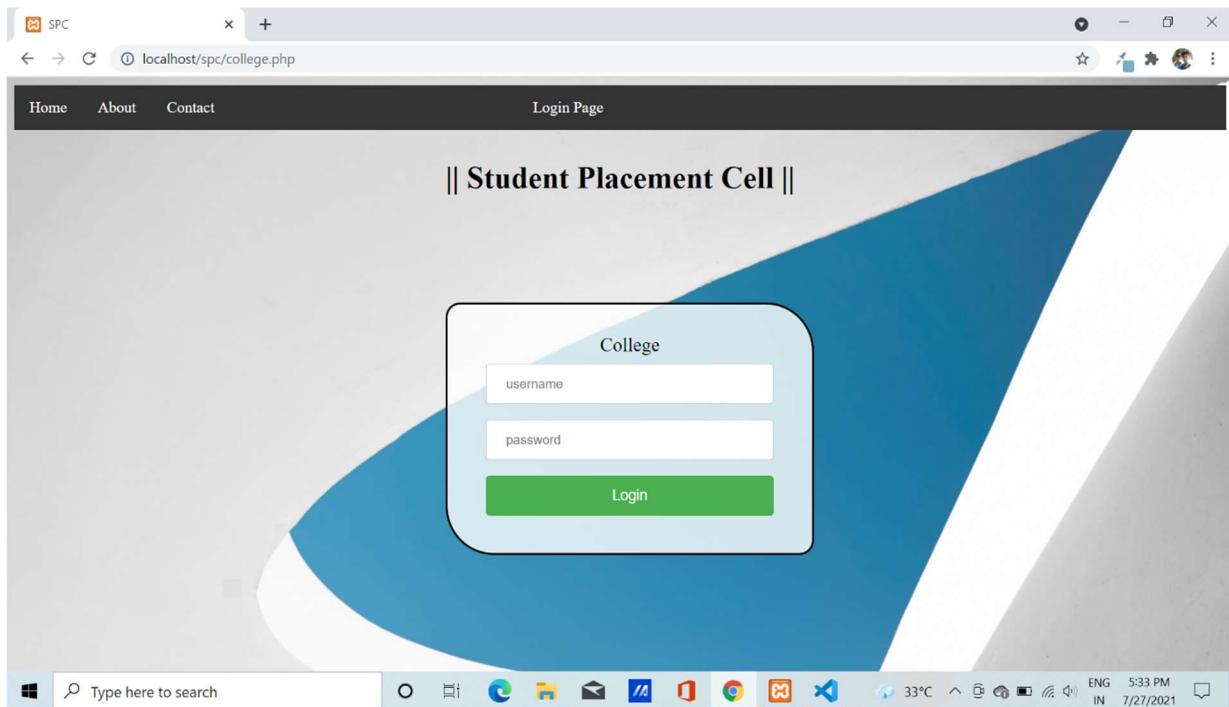
}
.social_container{
    justify-content: space-between;
}
.social{
    height: 50px;
    width: 50px;
    background-size: cover;
}
.si1{
    background-image: url(./images/facebook.png);
}
```

```
.si2{  
background-image: url(./images/google.png);  
}  
.si3{  
background-image: url(./images/insta.png);  
}  
.si4{  
background-image: url(./images/gmail.png);  
}  
}  
</style>  
<body >  
<div class="nav">  
    <ul>  
        <li><a href="index.php">Home</a></li>  
        <li><a href="index.php">About</a></li>  
        <li><a href="index.php">Contact</a></li>  
        <li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 300px; font-size: 18 px;">  
            >Home Page</li>  
    </ul>  
</div>  
<div class="heading">  
    <div class="h">  
        ||<span class="sp"> Student Placement Cell</span> ||  
    </div>  
    <div class="college">  
        <div class="h2">  
              
            The <span class="sp"> Study</span> Hall College  
        </div>  
        <div class="address"> Pipersand Lucknow-226008</div>  
    </div>  
</div>  
<div class="links">  
    <div class="csc link1 link1e" >  
        <a href="college.php">COLLEGE</a>  
    </div>
```

```
<div class="csc link2">
    <a href="student.php">STUDENT </a>
</div>
<div class="csc link3">
    <a href="company.php">COMPANY</a>
</div>
</div>
<div class="about">
<h1>Who Are We ?</h1>
<div class="container about_container">
<p>This is <span id="soft">Student Placement Cell</span> Software for students of The <span class="sp"> Study </span> Hall College.
In this software students have to enroll theirself . They have to add their all details.
Details can be seen by either student who register himself/herself or college authority.
In this software companies who want to hire students of The <span class="sp">Study</span> Hall College have to register theirself.
They have to upload job notifications on the software portal. Whoever want to apply for that job have to send their CV through mail to company.
This is perfect plateform for students, college and company.
</p>
</div>
</div>
<div class="footer">
    <div class="container footer_container ">
        <div class="footer_child footer_child_1">
            <h1 class="footer_logo">Student Placement Cell</h1>
        </div>
        <div class="footer_child">
            <ul>
                <li class="first">Contact</li>
                <li>
                    The Study Hall College, <br>
                    Pipersand Lucknow-226008.
                </li>
                <li>
                    +91 8881104454 , 9555221713.
                </li>
                <li>www.studyhallcollege.org</li>
            </ul>
        </div>
    </div>
</div>
```

```
<div class="footer_child footer_child_4">
  <div class="container social_container">
    <div class="social si1">
    </div>
    <div class="social si2">
    </div>
    <div class="social si3">
    </div>
    <div class="social si4">
    </div>
    </div>
  </div>
</div>
</form>
</body>
</html>
```

## ADMIN LOGIN



## ADMIN LOGIN

```
<?php
include('connection.php');
session_start(); ?>

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>SPC</title>
</head>
<style>
body{
background-image: url("bgimg.jpg");
background-size: cover;
}
ul {
list-style-type: none;
margin: 0;
padding: 0;
overflow: hidden;
background-color: #333;
}
li {
float: left;
}
li a {
display: block;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;
}
li a:hover:not(.active) {
background-color: #111;
}
.grid-container {
display: grid;
```

```
height: 100%;  
align-content: start;  
grid-template-columns: auto auto auto;  
grid-gap: 10px;  
margin-top: 100px;  
padding: 10px;  
padding-left: 440px;  
}  
.grid-container > div {  
    border-radius: 15px 50px;  
    border-style: solid;  
    width: 380px;  
    background-color: rgba(255, 255, 255, 0.8);  
    text-align: center;  
    padding: 30px 0;  
    margin-left: 10px;  
    font-size: 20px;  
}  
div a{  
font-size:14px;  
text-decoration: none;  
color: #111; }  
input {  
width: 300px;  
padding: 12px 20px;  
margin: 8px 0;  
display: inline-block;  
border: 1px solid #ccc;  
border-radius: 4px;  
box-sizing: border-box;  
}
```

```
.h { background-color: #4CAF50;  
color: white;  
border: none;  
font-size: 15px;  
}  
h1{  
text-align: center;  
margin-top: 30px;
```

```

}

</style>
<body >
<ul>
<li><a href="index.php">Home</a></li>
<li><a href="index.php">About</a></li>
<li><a href="index.php">Contact</a></li>
<li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 300px; font-size: 18 px;">
    Login Page</li>
</ul>
<form action="" method="POST">
<div>
<h1>|| Student Placement Cell ||</h1>
<div class="grid-container">
<div > College <br>
    <input type="text" name="email" id="" placeholder="username"> <br>
    <input type="password" name="password" id="" placeholder="password"> <br>
    <input type="submit" value="Login" name="sub" class="h"><br>
</div>
</div>
</div>
</form>
</body>
</html>
<?php
include('connection.php');
if(isset($_POST['sub']))
{
    $email = $_POST["email"];
    $password = $_POST["password"];
    $get_data = "SELECT * FROM admin WHERE email = '$email'";
    $result = mysqli_query($db,$get_data);
    if(mysqli_num_rows($result)){
        $un = mysqli_fetch_array($result);
        if($un['password'] == $password){
            $_SESSION["reg_id"] = $un['s_number'];
            $_SESSION["name"] = $un['name'];
            $_SESSION["email"] = $un['email'];
            header("Location: collegeportal.php");
        }
    }
}

```

```
        }else{
            echo "<script> alert('Wrong User') </script>";
        }
    }
}
?>
```

## ADMIN PORTAL

The screenshot shows a web application titled "College Portal" running on a local host. The main header includes "College Portal", a search bar, and navigation icons. The top navigation bar has tabs for "SPC" and "ADMIN", with a "Logout" button on the right. The "ADMIN" tab is active.

The main content area displays a table of student information:

S.No	Name	Course	Email	Mobile	view	Delete
1	Ankush	BCA	akgupta.02001@gmail.com	08881104454	<a href="#">view more</a>	<a href="#">Delete</a>
8	Ravi	BBA	ravi@gmail.com	976057243	<a href="#">view more</a>	<a href="#">Delete</a>
9	Savita	B.Com	savita@gmail.com	680869064	<a href="#">view more</a>	<a href="#">Delete</a>

To the left, a sidebar lists administrative functions:

- View Students
- College Notifications
- Company Notifications
- View Comapny List
- View Job Holder Students
- Change Password

The taskbar at the bottom shows the Windows logo, a search bar with "Type here to search", and various system icons including a file explorer, mail, and browser. The system tray indicates the date as 7/27/2021, the time as 5:35 PM, and the temperature as 33°C.

College Portal x +

localhost/spc/collegeportal.php

SPC ADMIN Logout

**Notification**

Subject: Fee submission Date: 27/07/2021

Email: admin@gmail.com

Notice:

Dear Students,  
This is to inform you that you have to submit your examination fee upto 28/10/2021, after per week 100 rupees will be charge as a late fee

Edit

Type here to search

33°C ENG 5:35 PM IN 7/27/2021

College Portal x +

localhost/spc/collegeportal.php

SPC ADMIN Logout

**Notification**

7.)

Company Name: life infotech Post Name: Web Developer

Email: life@gmail.com Last date to apply: 10/08/2021

Notice:

Dear candidates, This is to inform you that our company life infotech providing you a opportunity to work with us . Any students who would like . Any students who want to work as web developer can be apply . Candidates have to send their via an email

8.)

Company Name: sms corporate Post Name: HR manager intern

Type here to search

33°C ENG 5:35 PM IN 7/27/2021

College Portal x +

localhost/spc/collegeportal.php

Logout

SPC ADMIN Logout

S.No	Company Name	Mobile Number	Email	Address	Message	Delete
6	life infotech	9779989856	life@gmail.com	sarojini nagar lucknow	This is life info tech which deals with all types of web developing and designing matter.	<a href="#">Delete</a>
7	sms corporate	878568943	sms@gmail.com	Sn/370 JK complex Sitapur road	This is a corporate company who deals with all types of corporate services	<a href="#">Delete</a>
8	Tata motors	983692643	tata@gmail.com	32/77A new delhi	Tata motors is a car manufacture company	<a href="#">Delete</a>

[View Students](#)

[College Notifications](#)

[Company Notifications](#)

[View Comapny List](#)

[View Job Holder Students](#)

[Change Password](#)

Type here to search

O E F M O C 33°C ENG IN 5:35 PM 7/27/2021

College Portal

localhost/spc/collegeportal.php

Logout

SPC

ADMIN

S.No	Student Name	Stream	Year Of passing	Company Name	Post
9	Ankush Gupta	Bca	2021	life infotech	Web Developer
10	Atin Sahu	bca	2021	life infotech	Tester
11	Manish	bca	2021	life infotech	wordpress developer
12	Manjeet Gautam	bca	2021	life infotech	Project analyst
13	Simran Gautam	BBA	2021	sms corporate	marketing analyst
14	Sumit Rai	B.Com	2020	sms corporate	Sales supervisor

**View Students**

**College Notifications**

**Company Notifications**

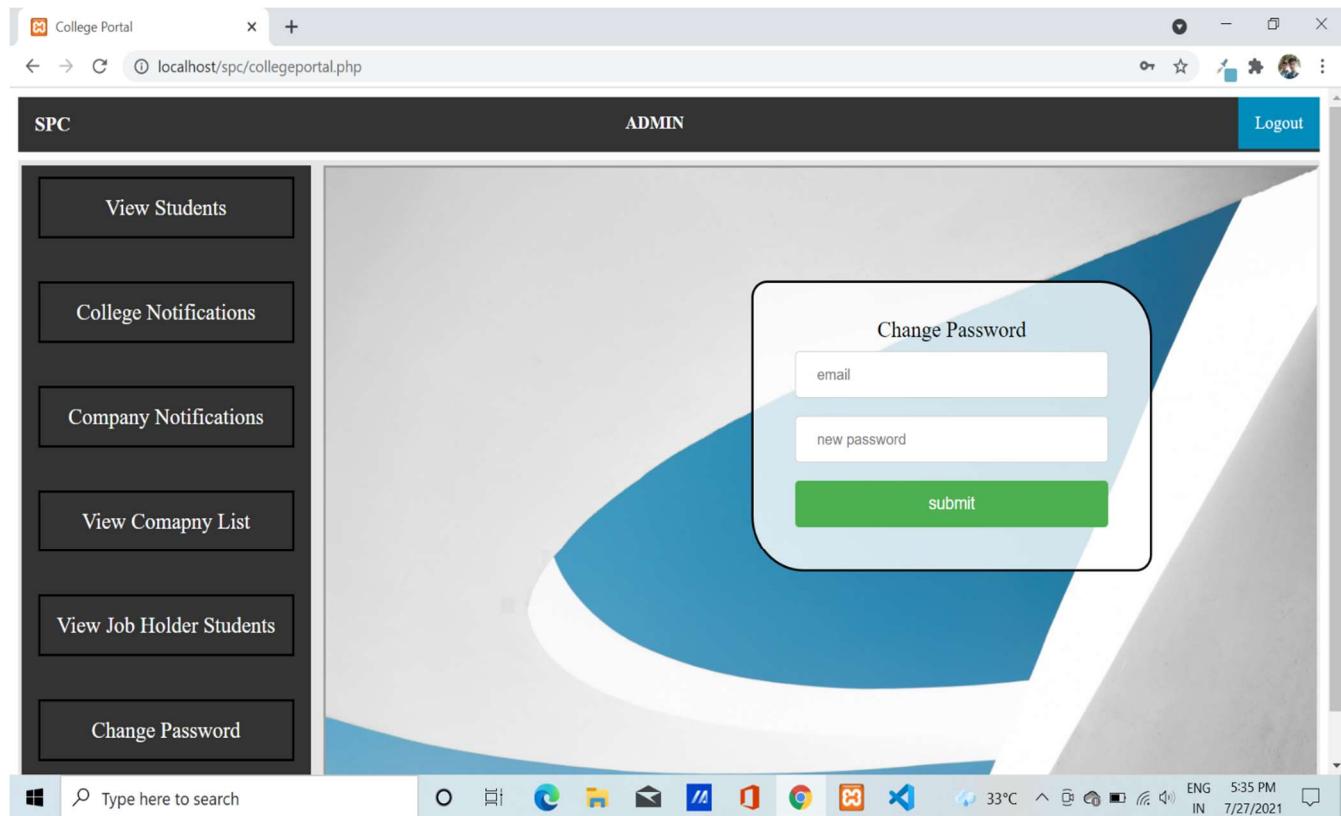
**View Comapny List**

**View Job Holder Students**

**Change Password**

Type here to search

33°C ENG IN 5:35 PM 7/27/2021



## ADMIN PORTAL

```
<?php
include('connection.php');
session_start();
?>

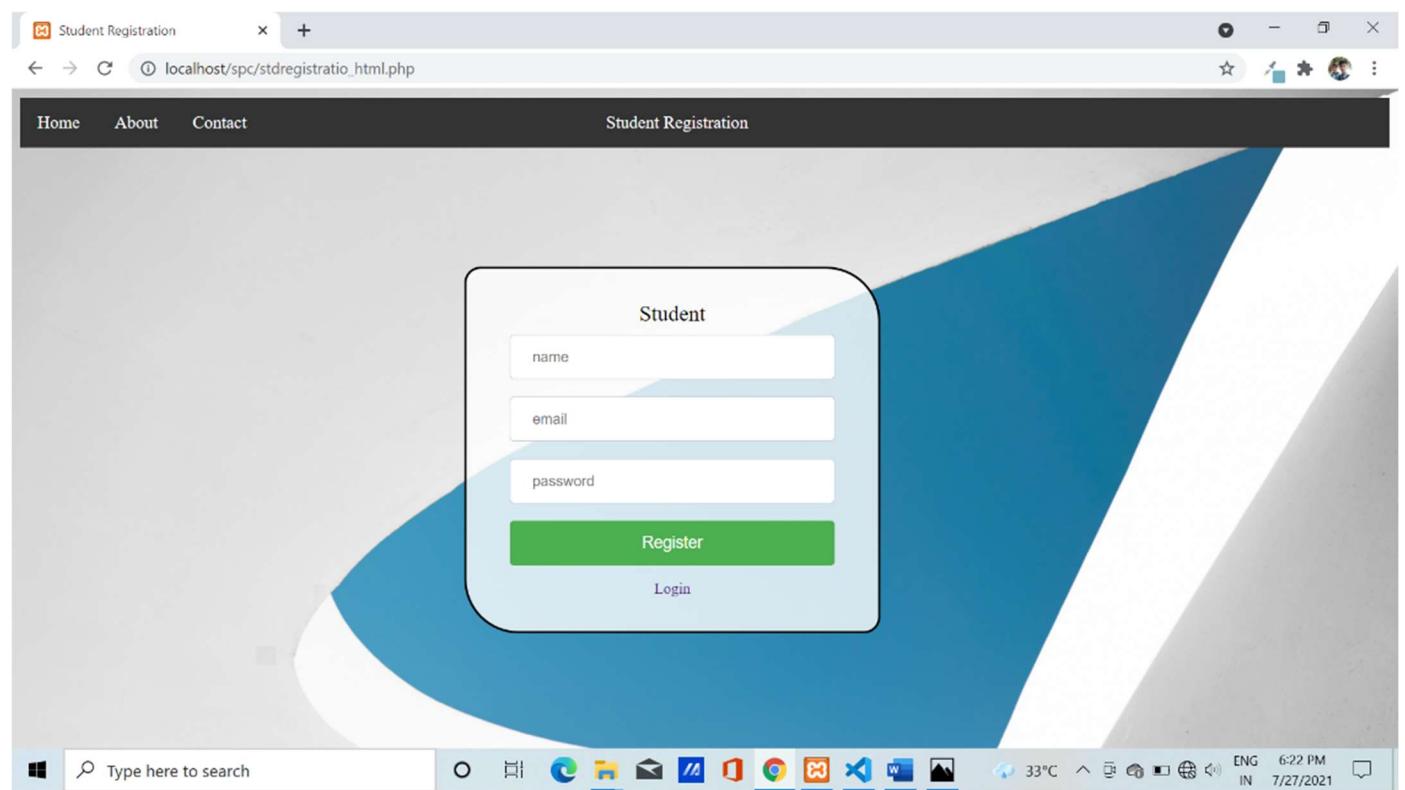
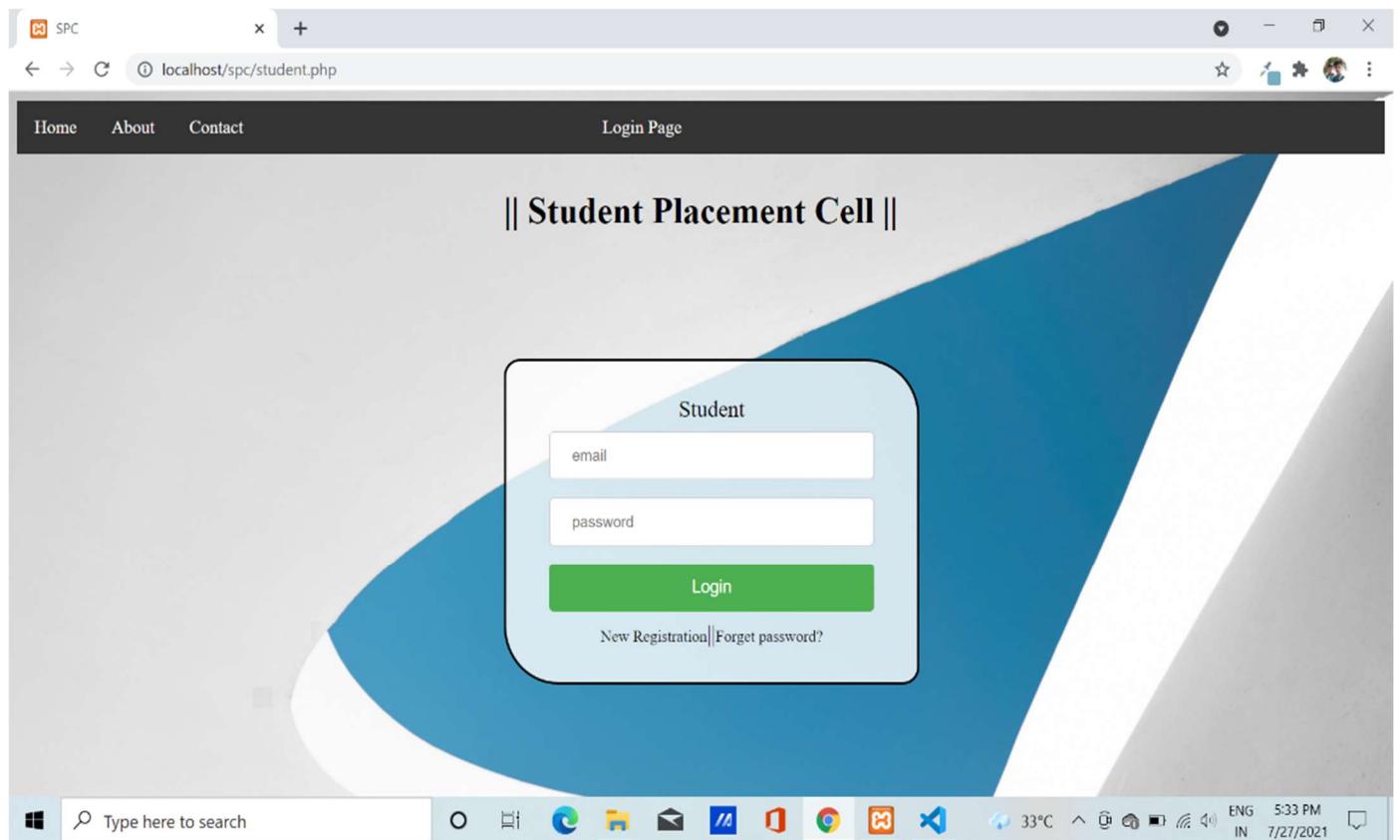
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>College Portal</title>
</head>
<body>
<ul>
    <li style=" display: block; color: white; text-align: center; padding: 14px 16px; font-size: 18px;"><b>SPC</b></li>
    <li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 500px; font-size: 18 px;">
```

```

<b>ADMIN</b>
</li>
<li style="float:right"><a class="active" href="logout.php">Logout</a></li>
</ul>
<form action="" method="post">
    <div style="height: max-content;">
<div class="one">
<ul >
<li class="non" >
    <a href="college_std_list.php" target="iframe_a">View Students</a><br>
</li>
<li class="non" >
    <a href="college_noti.php" target="iframe_a">College Notifications</a><br>
</li>
<li class="non" >
    <a href="notification.php" target="iframe_a">Company Notifications</a><br>
</li>
<li class="non" >
    <a href="companylist.php" target="iframe_a">View Comapny List</a><br>
</li>
<li class="non" >
    <a href="jobholder.php" target="iframe_a">View Job Holder Students</a> <br>
</li>
<li class="non" >
    <a href="change_collegepwd.php" target="iframe_a">Change Password</a><br>
</li>
</ul>
</ul>
</div>
<div class="two">
<iframe name="iframe_a" height="100%" width="100%" ></iframe>
</div>
</div>
<div style="background-color:#e5e5e5;text-align:center;padding:10px;margin-top:7px;"> ©copyright</div>
</form>
</body>
</html>

```

## STUDENT LOGIN || STUDENT REGISTRATION



## STUDENT LOGIN

```
<?php
include('connection.php');
session_start();
?>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>SPC</title>
</head>
<body >
<ul>
<li><a href="index.php">Home</a></li>
<li><a href="index.php">About</a></li>
<li><a href="index.php">Contact</a></li>
<li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 300px; font-size: 18 px;">
    Login Page</li>
</ul>
<form action="" method="POST">
<div>
<h1>|| Student Placement Cell ||</h1>
<div class="grid-container">
<div > Student <br>
    <input type="email" name="email" id="" placeholder="email"> <br>
    <input type="password" name="password" id="" placeholder="password"> <br>
    <input type="submit" value="Login" name="sub" class="h"><br>
    <a href= "stdregistration_html.php">New Registration</a>||<a href= "forget_pwd.php">Forgot password?</a>
</div>
</div>
</div>
</form>
</body>
</html>
<?php
include('connection.php');
```

```

if(isset($_POST['sub']))
{
    $email = $_POST["email"];
    $password = $_POST["password"];
    $get_data = "SELECT * FROM registration WHERE email = '$email'";
    $result = mysqli_query($db,$get_data);
    if(mysqli_num_rows($result)){
        $un = mysqli_fetch_array($result);
        if($un['password'] == $password){
            $_SESSION["reg_id"] = $un['s_number'];
            $_SESSION["name"] = $un['name'];
            $_SESSION["email"] = $un['email'];
            header("Location: stdportal_html.php");
        }else{
            echo "<script> alert('Wrong User') </script>";
        }
    }
}
?>

```

## STUDENT REGISTRATION

```

<?php
include('connection.php');
session_start();
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Registration</title>
</head>
<body>
<ul>
    <li><a href="index.php">Home</a></li>
    <li><a href="about.php">About</a></li>
    <li><a href="contact.php">Contact</a></li>
    <li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 300px; font-size: 18 px;">Student Registration</li>

```

```

</ul>
<div class="grid-container">
<div > Student <br>
<form action="stdregistration.php" method="POST">
<input type="text" name="name" id="" placeholder="name"> <br>
<input type="email" name="email" id="" placeholder="email"> <br>
<input type="password" name="password" id="" placeholder="password"> <br>
<input class="h" type="submit" value="Register" name="sub"><br>
<a href= "student.php" class="l">Login</a>
</form>
</div>
</div>
</body>
</html>

```

## STUDENT PORTAL

The screenshot shows a web application interface for a student portal. The top navigation bar includes links for 'SPC', 'Notifications', 'Ankush Gupta', and 'Logout'. The main content area is titled 'Fill Details:' and contains several input fields grouped by category:

- Student name:** first name, last name
- Dob & Gender:** mm/dd/yyyy, gender
- Mobile & Email:** mobile number, email
- Father's & Mother's name:** father's name
- Graduation:** institute name, stream, passing year, grades
- Intermediate:** institute name, stream, passing year

A sidebar on the left provides navigation links for 'Fill Details', 'Update Details', 'View Profile', 'Mails', 'Notifications', and 'Change Password'. At the bottom, there is a search bar and a taskbar with various icons.

Student Registration

localhost/spc/stdportal\_html.php

SPC Notifications Ankush Gupta Logout

**Fill Details**

**Update Details**

**View Profile**

**Mails**

**Notifications**

**Change Password**

Name: Ankush Gupta

Dob: 2001-10-28

Phone number : 08881104454

Email: akgupta.02001@gmail.com

Stream: BCA

Bio: I am good at team leading, communication and presenting thing in a new ways. I like to eat ice-cream.



**ANKUSH GUPTA**

Phone : +91 955221713 | +91 8881104454.  
Email : akgupta.02001@gmail.com  
Address: Shanti nager sarejani nagar Lucknow

**CAREER OBJECTIVE**

To obtain a challenging position in the field of IT with a progressive organization that will fully utilize my talents and technical skills and help me reach higher echelons.

**ACADEMIC BACKGROUND**

Qualification	Year(s)	Board/University	College / Institute	Percentage / CGPA
B.C.A	Pursuing	Lucknow University	The Study Hall College, Pipersaud, Lucknow	74%
XII <sup>th</sup>	2018	UP Board	Sterling Public Inter College, Shanti nager,Lucknow	82.6%
X <sup>th</sup>	2016	UP Board	Sterling Public Inter College, Shanti nager,Lucknow	88%

**TECHNICAL PROFICIENCY**

- Programming Languages - PHP, Java, C
- Client-Side Web Skills - HTML, CSS, JavaScript
- Server-Side - MySQL
- Applications - NetBeans, XAMPP, Visual Studio Code
- Servers - Apache, MySQL
- Operating Systems - Windows, Linux

**Internship & Project**

- I did a six week online internship from DigiFy where I worked on php, html, css, and visual studio code.
- I made a project Student Information System in which I used php, html, css, javascript, bootstrap and visual studio code.
- Build a project Student Placement Cell by using php, html, css, and mysql.

**ACHIEVEMENTS / EXTRA-CURRICULAR ACTIVITIES**

- Achieved Java Programming Certificate from Udemy on April-2020.
- Achieved Frontend Fundamentals (HTML5 & CSS3) Certificate from Purple.com on April - 2020 from Sulekha.
- Attended workshop on Scope Opportunities & Growth in the Logistics and Supply Chain Management on 23rd July - 2020 from Sulekha.
- Achieved Soft Skill Certificate from TCSQDN on 16 November - 2020.
- Achieved Communication Skill Certificate from TCSQDN on 18 November - 2020.
- Attended and Achieved certificate on Power Excel from LUDIFU on January - 2020.

**STRENGTHS**

- Focused and finish my stuff within deadlines.
- Teamwork oriented as well as individual deliverer.
- Positive attitude and can work in dynamic environment.

**Hobbies**

- Art & Craft.

**PERSONAL DETAILS**

Date of Birth : 28th October 2001

Type here to search

33°C ENG 6:48 PM IN 7/27/2021

Student Registration

localhost/spc/stdportal\_html.php

SPC Notifications Ankush Gupta Logout

**Fill Details**

**Update Details**

**View Profile**

**Mails**

**Notifications**

**Change Password**

Inbox Sent Compose

Your Email: from

Email: to

Subject: subject

Date & Time: mm/dd/yyyy --:-- --

Message:

C.V: Choose File | No file chosen

Submit

Type here to search

33°C ENG 6:48 PM IN 7/27/2021

## STUDENT PORTAL

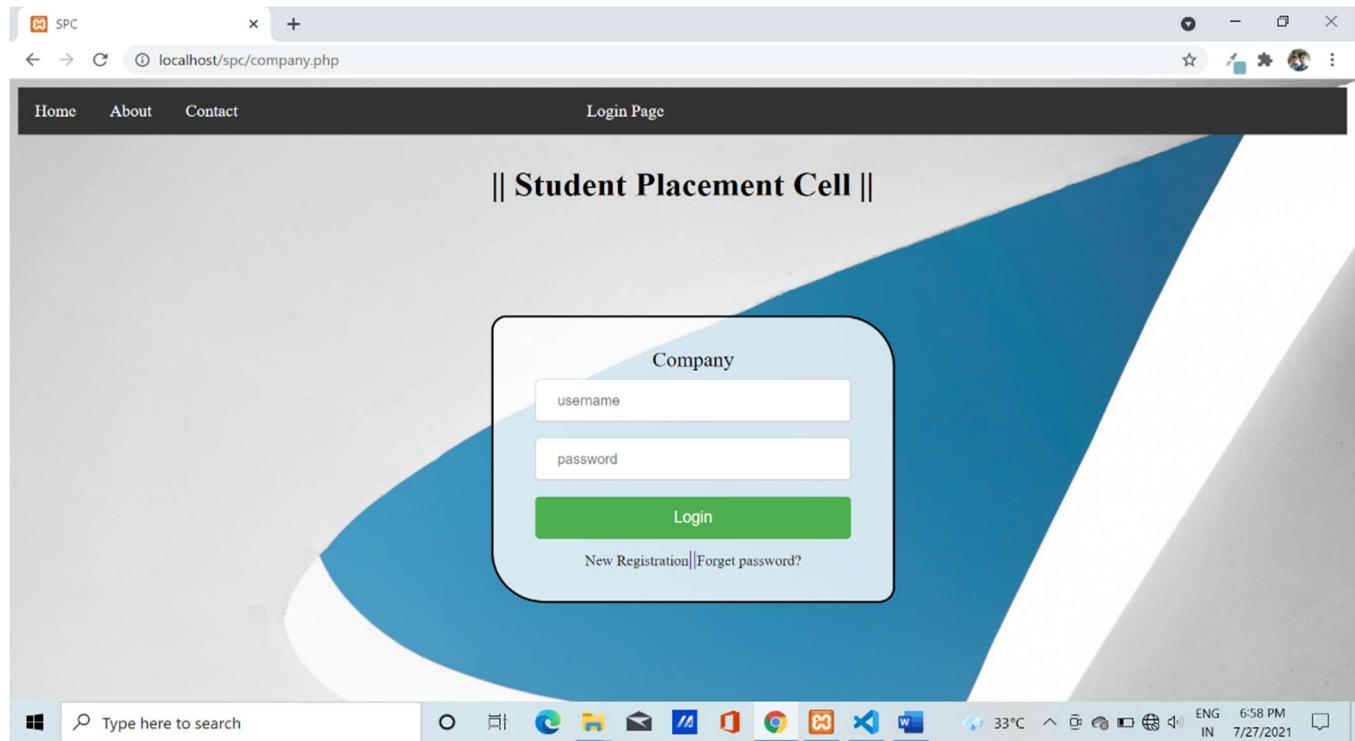
```
<?php
include('connection.php');
session_start();
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Registration</title>
</head>
<body>
    <ul>
        <li><a href="index.php">SPC</a></li>
        <li><a href="college_notice.php">Notifications</a></li>
        <li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 300px; font-size: 18 px;">
            <b><?php echo $_SESSION["name"]; ?></b>
        </li>
        <li style="float:right"><a class="active" href="logout.php">Logout</a></li>
    </ul>
    <form action="" method="post">
        <div style="height: max-content;">
            <div class="one">
                <ul >
                    <li class="non" >
                        <a href="form_html.php" target="iframe_a">Fill Details</a><br>
                    </li>
                    <li class="non">
                        <a href="editform_html.php" target="iframe_a">Update Details</a><br>
                    </li>
                    <li class="non">
                        <a href="viewprofile.php" target="iframe_a">View Profile</a><br>
                    </li>
                    <li class="non">
                        <a href="mail_html.php" target="iframe_a">Mails</a><br>
                    </li>
                </ul >
            </div>
        </div>
    </form>
</body>
```

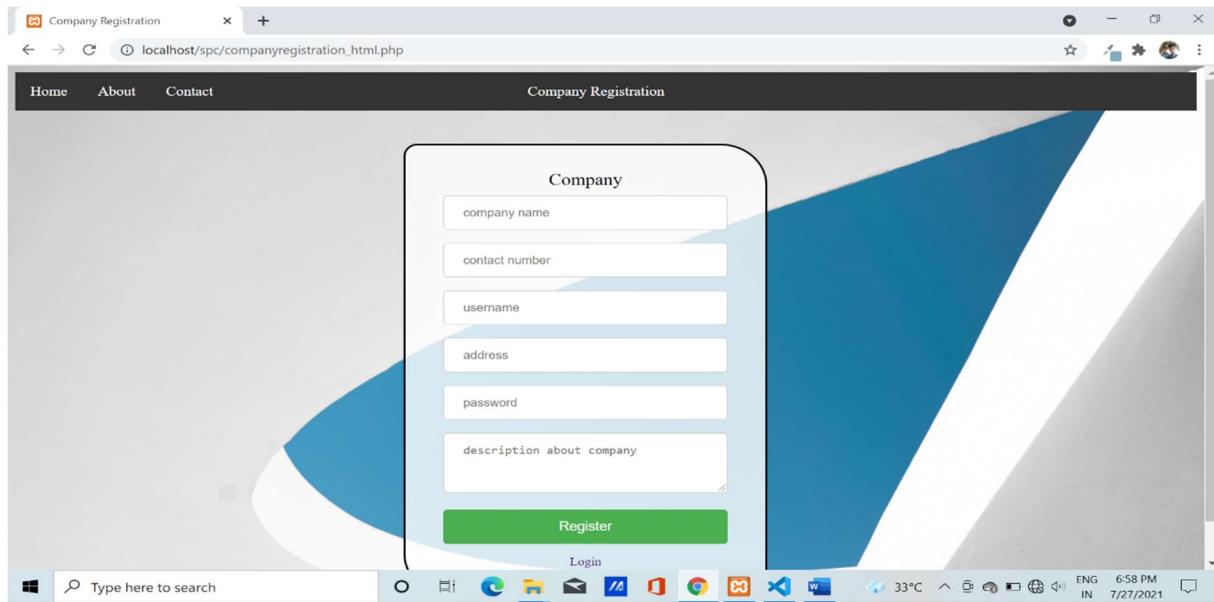
```

<li class="non">
    <a href="notification.php" target="iframe_a">Notifications</a> <br>
</li>
<li class="non">
    <a href="changepwd.php" target="iframe_a">Change Password</a><br>
</li>
</ul>
</ul>
</div>
<div class="two">
    <iframe name="iframe_a" height="100%" width="100%"></iframe>
</div>
</div>
<div style="background-color:#e5e5e5;text-align:center;padding:10px;margin-top:7px;"> ©copyright</div>
</form>
</body>
</html>

```

## COMPANY LOGIN || TEACHER REGISTRATION





## COMPANY LOGIN

```
<?php
include('connection.php');
session_start();
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SPC</title>
</head>
<body >
<ul>
    <li><a href="index.php">Home</a></li>
    <li><a href="index.php">About</a></li>
    <li><a href="index.php">Contact</a></li>
    <li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 300px; font-size: 18 px;">
        >Login Page</li>
    </ul>
<form action="" method="POST">
    <div>
        <h1>|| Student Placement Cell ||</h1>
```

```

<div class="grid-container">
<div>
<div> Company <br>
    <input type="email" name="email" id="" placeholder="username"> <br>
    <input type="password" name="password" id="" placeholder="password"> <br>
    <input type="submit" value="Login" name="sub" class="h"><br>
    <a href= "companyregistration_html.php">New Registration</a>||<a href= "forget_comp
any.php">Forget password?</a>
</div>
</div>
</div>
</form>
</body>
</html>
<?php
include('connection.php');
if(isset($_POST['sub']))
{
    $email = $_POST["email"];
    $password = $_POST["password"];
    $get_data = "SELECT * FROM company WHERE email = '$email'";
    $result = mysqli_query($db,$get_data);
    if(mysqli_num_rows($result)){
        $un = mysqli_fetch_array($result);
        if($un['password'] == $password){
            $_SESSION["reg_id"] = $un['s_number'];
            $_SESSION["name"] = $un['name'];
            $_SESSION["email"] = $un['email'];
            header("Location: companyportal.php");
        }else{
            echo "<script> alert('Wrong User') </script>";
        }
    }
}
?>

```

## COMPANY REGISTRATION

```

<?php
include('connection.php');
session_start();

```

```

?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Company Registration</title>
</head>
<body>
<ul>
    <li><a href="index.php">Home</a></li>
    <li><a href="index.php">About</a></li>
    <li><a href="index.php">Contact</a></li>
    <li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 300px; font-size: 18 px;">Company Registration</li>
</ul>
<div class="grid-container">
    <div> Company <br>
        <form action="companyreg.php" method="POST">
            <input type="text" name="name" id="" placeholder="company name"> <br>
            <input type="tel" name="mobile" id="" placeholder="contact number"> <br>
            <input type="email" name="email" id="" placeholder="username"> <br>
            <input type="text" name="address" id="" placeholder="address"> <br>
            <input type="password" name="password" id="" placeholder="password"> <br>
            <textarea name="message" rows="3" cols="38" placeholder="description about company"></textarea><br />
            <input class="h" type="submit" value="Register" name="sub"><br>
            <a href="company.php" class="l">Login</a>
        </form>
    </div>
</div>
</body>
</html>

```

## COMPANY PORTAL

Company Portal

localhost/spc/companyportal.php

SPC Notification life infotech Logout

Add Notifications

Notifications

Mail

Selected students list

Change Password

Type here to search

Notification

Company Name: life infotech Post Name: Web Developer

Email: life@gmail.com Last date to apply: 10/08/2021

Notice:

Dear candidates, This is to inform you that our company life infotech providing you a opportunity to work with us . Any students who would like . Any students who want to work as web developer can be apply . Candidates have to send their via an email

Edit

33°C ENG 7:11 PM IN 7/27/2021

Company Portal

localhost/spc/companyportal.php

SPC Notification life infotech Logout

Add Notifications

Notifications

Mail

Selected students list

Change Password

Type here to search

Inbox Sent Compose

S.No	Title	Email	Message	Date & Time
1	Application for web development job	akgupta.02001@gmail.com	Dear sir, This is Ankush Gupta from lucknow. I am pursuing bca from The Study Hall College. I saw your web development notification on my college Student Placement Cell software. I would like to apply for this job. Below I am attaching my cv . With regards Ankush Gupta Bca 6th sem	2021-07-27T13:45
7	data entry	ravi@gmail.com	Respected sir, This is Ravi Singh . I am send my cv for data entry post in your company .	2021-07-20T16:57

33°C ENG 7:11 PM IN 7/27/2021

Company Portal

localhost/spc/companyportal.php

SPC Notification life infotech Logout

Add Notifications

Notifications

Mail

Selected students list

Change Password

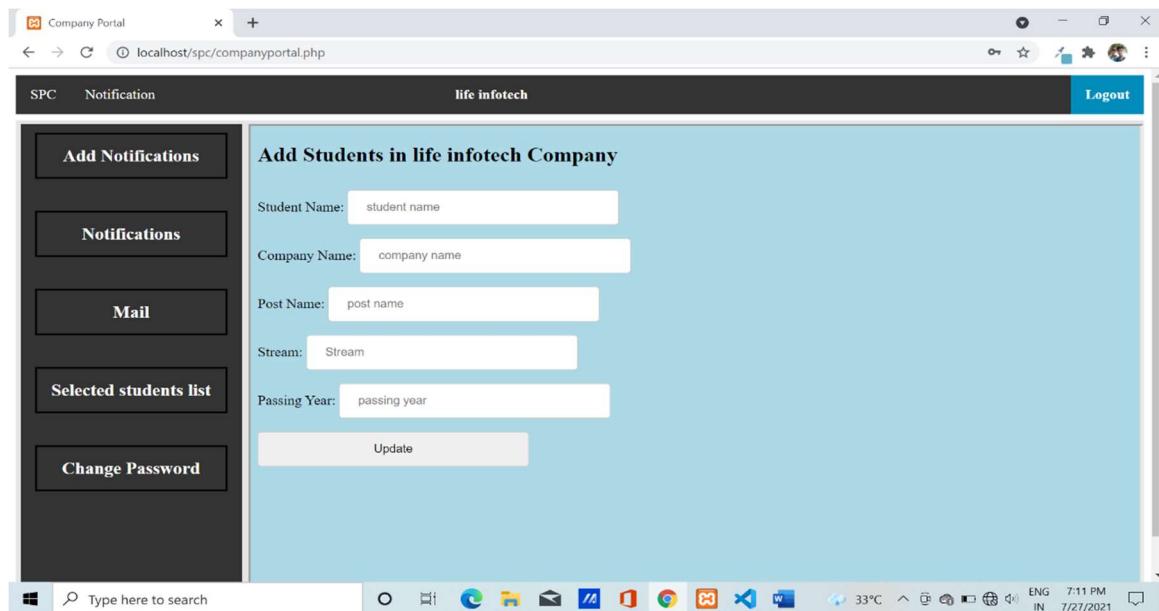
Type here to search

life infotech

S.No	Student Name	Post	Stream	Year Of passing	Edit	Delete
9	Ankush Gupta	Web Developer	Bca	2021	<a href="#">Edit</a>	<a href="#">Delete</a>
10	Atin Sahu	Tester	bca	2021	<a href="#">Edit</a>	<a href="#">Delete</a>
11	Manish	wordpress developer	bca	2021	<a href="#">Edit</a>	<a href="#">Delete</a>
12	Manjeet Gautam	Project analyst	bca	2021	<a href="#">Edit</a>	<a href="#">Delete</a>

Add students

33°C ENG 7:11 PM IN 7/27/2021



## COMPANY PORTAL

```
<?php
include('connection.php');
session_start(); ?>

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Company Portal</title>
</head>
<body>
<ul><li><a href="index.php">SPC</a></li>
    <li><a href="college_notice.php">Notification</a></li>
    <li style=" display: block; color: white; text-align: center; padding: 14px 16px; margin-left: 300px; font-size: 18 px;">
        <b> <b><?php echo $_SESSION["name"]; ?></b>
    </li>
    <li style="float:right"><a class="active" href="logout.php">Logout</a></li>
</ul>
```

```
<form action="" method="post">
<div style="height: max-content;">
<div class="one">
<ul>
<li class="non" >
<a href="addnotic.php" target="iframe_a">Add Notifications</a><br>
</li>
<li class="non" >
<a href="uploadnoti.php" target="iframe_a"> Notifications</a><br>
</li>

<li class="non">
<a href="mail_company_html.php" target="iframe_a">Mail</a><br>
</li>
<li class="non">
<a href="selected_std_list.php" target="iframe_a">Selected students list</a><br>
</li>
<li class="non">
<a href="changepwd_company.php" target="iframe_a">Change Password</a><br>
</li>
</ul>
</ul>
</div>
<div class="two">

<iframe name="iframe_a" height="100%" width="100%" ></iframe>
</div>
</div>
<div style="background-color:#e5e5e5;text-align:center;padding:10px;margin-top:7px;"> ©copyright</div>
</form>
</body>
</html>
```

**TESTING**

# **11 TESTING**

## **11.1 About Testing**

Software testing is the process of executing software in a controlled manner in order to answer the question: “Does the software behaves as specified?”

Software testing is often used in the association with the terms **Verification and Validation**.

## **11.2 Testing Technique**

One of the main requirements of the software development is to develop bug free, reliable system. During the process of development of any application there is always a possibility of some errors being developed. And also the software may not be as user asked for. Thus, it becomes imperative that, the software should be checked at every step. This helps in a bug free reliable system. If there is any bug or alteration that has to be made that can be done at the preliminarily level as the application gets more complicated after every step.

The objective of the testing is to discover bugs. To full fill the objective, a series of test steps such as Unit testing, Validation testing, System testing were planned and executed. Testing objective includes:

A good test case is one that has a high probability of finding an undiscovered error.

A successful test is one that uncovers an undiscovered error.

## **11.3 Testing Approaches**

Following are main types of tests software undergoes:

### **11.3.1 Black Box Testing:**

Black box testing relates to tests that are performed at the software interface. Although they are designed to identify errors, black box tests are used to demonstrate that software functions are operational; that inputs are correctly accepted and the output is correctly produced.

Black box testing attempts to finds errors in the following categories in my project SPC:

- Incorrect or missing functions
- Interface errors like SPC will display correctly on the screens.
- Errors in data structure or external database access

This testing method considers a module as a single unit and checks the unit at interface and communication with other modules rather getting into details at statement level. Here the module

will be treated as a block that will take some input and generate output. Output for a given set of input combinations are forwarded to other modules.

A black-box test examines some fundamental aspect of a system with little or no regard for the integral logical structure of the software.

Graph based testing methods explore the relationship between and behavior of program objects. Equivalence partitioning divides the input classes of data are likely to exercise specific software function. Boundary values analysis probes the program's ability to handle data at the limits of acceptability.

### **11.3.2 White Box Testing**

White box testing is test case design approach that employs the control architecture of the procedural design to produce test cases. Test case can be derived such that they.

Guarantee that all independent paths within a module have been exercised at least once.

Exercise all logical decisions on their true and false sides.

Execute all loops at their boundaries and within their operational bounds and exercise internal data structures to ensure their validity

Other types of testing strategies are:

- Defect testing
- Interface testing
- Alpha and beta testing
- Object-oriented testing
- Real time testing

I tested step wise every piece of code, taking care that every statement in the code is executed at least once. The white box testing is also called Glass Box Testing.

I have generated a list of test cases, sample data, which is used to check all possible combinations of execution paths through the code at every module level.

White-box test focuses on the program control structure. Test cases are derived to ensure that all statement in the program control structure. Basis path testing, a white box technique, makes use of program graphs (or graph matrices) to derive the set of linearly independent test that will ensure coverage. Condition and data flow testing further exercising degrees of complexity.

# **CONCLUSION AND FUTURE SCOPE**

## **12 CONCLUSION**

**'Student Placement Cell'** is very useful for students and colleges to keeping record. Company and college to post job or other notifications. It also works to maintain all records and database properly.

This website helps that an administrator has no headache to maintainability of the list of details again and again. In this Admin , College and Student have own Username & Password. User can Punch In &Punch Out according to your needs. This online keeping details project helps in understanding the creation of an interactive web page and the technologies used to implement it. The design of the project which includes Data Model and Process Model illustrates how the database is built with different tables, how the data is accessed and processed from the tables.

## **FUTURE SCOPE**

- Admin control
- Complaints
- Mails
- Request to admin for changes
- Document supportive
- Mobile responsive

# **BIBLIOGRAPHY**

## **13 BIBLIOGRAPHY**

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- An integrated approach to software engineering, Pankaj Jalote, Narosa Publishing House.
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- <http://www.w3schools.com>
- <https://www.tutorialspoint.com/index.htm>