Student Internship Management System

GLOBAL GROUP OF INSTITUTIONS (337)



Student Internship Management System

Major Project Report

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GLOBAL GROUP OF INSTITUTIONS (337) BACHELOR OF COMPUTER APPLICATION

CERTIFICATE OF APPROVAL

This is certified that SURAJIT SAMANTA has successfully completed BCA (BACHELOR OF COMPUTER APPLICATION), 3rd year project "Student Internship Management System". He has done the project under the supervision of Mr. SUDIPTA PRAMANIK faculty of "GLOBAL GROUP OF INSTITUTIONS (337)". We are satisfied with their work, which enable us towards the partial fulfilment for the degree BCA under "MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY", WEST BENGAL (FORMELY KNOWN AS WEST BENGAL UNIVERSITY OF TECHNOLOGY) Salt Lake.

Acha.

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Name	SIGNATURE
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ABSTRACT

Since the dawn of the Internet, the computer industry has grown rapidly and has made a remarkable impact in the lives of everyone in a very short period of time. Major corporations, educational institutions, finance companies et al rely on several tools that run on a computer and save a lot of time and money. One such tool is presented in this project with the vision of being adapted by every educational institution to further ease their routine tasks. SIMS (Student Internship Management System) is a comprehensive toolkit for managing and coordinating internship programs in an educational institution. SIMS was developed with the intension of providing an interactive tool for the faculty and students to communicate with each other whenever and wherever they want to. Students can understand the requirements and view their progress and interact with the faculty in a better way. An instructor can review and update a student's progress and send email to students directly, if necessary, from SIMS. Designed in PHP (Hypertext Pre-processor), an open source, server-side, HTML (Hypertext Markup Language) embedded scripting language used for creating dynamic web pages, this piece of software, is easy to maintain and further enhancements can be added without any hassles.

- Less human error
- Strength and strain of manual labour can be reduced
- High security
- Data redundancy can be avoided to some extent
- · Data consistency
- · Easy to handle
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TECHNOLOGICAL OVERVIEW

ABOUT HTML:

- > HTML was originated by Tim Berners-Lee.
- ➤ HTML developed a few years ago as a subset of SGML (Standard Generalized Mark-Up Language), which is a higher-level Mark-up language that has long been a favourite of the Department of Defence.
- ➤ Any HTML Document is also valid for SGML.
- ➤ HTML is a hypertext mark-up language that is used to develop web pages.
- ➤ HTML is not a programming language like c, c++ and java etc.
- ➤ It is a cross platform mark-up language that is design to be flexible enough to display text and other elements like graphical on a variety of views.
- ➤ The HTML documents consist of special tags that are embedded in an ASCII document.
- ➤ Web browsers like Internet Explorer, Google Chrome, Firefox etc. interprets these tags.

ABOUT PHP:

- ➤ The full form of php is "Hypertext Pre-processor". Its original name was "Personal Home Page".
- Ramus Leadoff software engineer, Apache team member is the creator and original driving force behind PHP. The first part of PHP was developed for his personal use in late 1994.
- > By the middle of 1997, PHP was being used on approximately 50,000 sites worldwide.
- ➤ PHP is server-side scripting language, which can be embedded in HTML or used as a Stand Alone.
- > PHP doesn't do anything about what a web page looks and sounds like. In fact, most of the what PHP does is invisible to the end user.
- Someone looking at a PHP page will not necessarily be able to tell that it was not written purely into HTML, because usually the result of PHP is HTML
- > PHP is an official module of Apache Server.

ADVANTAGES OF PHP:

COST:

PHP doesn't cost. It is open-source software and doesn't need to purchase it for development.

EASE OF USE:

PHP is easy to learn, compared to the others. A lot of ready-made PHP scripts are freely available in market so, you can use them in your project or get some help from them.

HTML-SUPPORT:

PHP is embedded within HTML; In other words, PHP pages are ordinary HTML Pages that escape into PHP mode only when necessary. When a client requests this page, the web server pre-processes it. This means it goes through the page from top to bottom, looking for sections of PHP, which it will try to execute.

CROSS-PLATFORM COMPATIBILITY:

MYSQL run native on every popular flavour of Unix and windows. A huge percentage PHP and of the world's HTTP servers run on one of these two classes of operating system.

PHP is Compatible with the three leading Web Server:

Apache HTTP server for Unix and windows, Microsoft Internet Information Server, and Netscape Enterprise Server. It also works with several lesser-known servers. Including an Alex Blitz's, Microsoft' Personal Web Server Application Server.

STABILITY:

The word stable means two different things in this context.

- a. the server doesn't need to be rebooted often
- b. the software doesn't change radically and incompatibly from to release. To our advantage, both of these apply to both MYSQL and HP.

SPEED:

PHP is Pleasingly Zippy in its execution, especially when compiled as and Apache module on Unix side. Although it takes a slight performance hit by being interpreted rather than complied, this is far outweighed by benefits PHP drives from its status as a Web Server Module.

ABOUT MYSQL:

MYSQL Database Management system

- ➤ MYSQL, the most popular open-source SQL database management system, is developed, distributed and supported by Sun Microsystems
- > MYSQL FEATURES:
- > MYSQL is a database management system.
- > MYSQL is a relation database management system.
- ➤ The MYSQL database Server is very fast, reliable and easy to use.
- > MYSQL Server Works in client/server or embedded System.
- ➤ It reduces the amount of time required for creating and maintaining the systems
- ➤ It is an English like language.
- ➤ MYSQL can be used by range of users, including those with little or no of programming of experience.

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CHAPTER: - A

INTRODUCTION

Student Internship Management System (SIMS) is a comprehensive tool for coordinating an internship class with the goal of facilitating continuous communication between the instructor and the student. By using SIMS, students save a lot of time as they can communicate electronically with the instructor. A student wishing to take an internship class can access the system for getting information on companies having internship programs. The system also allows students to electronically submit a proposal to the instructor of their choice. An instructor has the ability to add and modify company information as well as view all the students they are advising for the internship. Instructors are also notified when a new student submits a proposal and the instructor has a choice of accepting or rejecting it. The instructor can update the progress of a student and students after successfully signing into the system, can view their progress and email the instructor should any questions arise. The administrator would be a caretaker of the entire system responsible for important tasks of backing up the database and restoring an archived database if needed. Administrator is the only one who can add faculty members to the system. All users of the system can update their personal information like password, email address and phone number. It is now also possible to immediately create digital certificates. refreshed on a daily basis. In this manner, people can conveniently find and take advantage of the service.

A.1) PROJECT OBJECTIVES

The objective of the project is to make an internship management platform to get course well and a systematic process. In order to build such a system, manage all data easy access store data set checkout course and many other profitable works done by this project.

A.2) PROJECT OVER VIEW

The purpose of this project is to design, build and implement an internship coordinating system with anytime and anywhere access availability. All user and company information will be stored in a MySQL database and retrieved by PHP and ODBC. The main purpose of this project is to provide an easy-to-use interface for students and faculty members to interact with each other during the course of a student's internship class. Students can view their progress in real time and get the latest information every time they access the system. Moreover, the system offers the authorization function to make sure that students can access his/her records only and all the other information is kept discrete. The student's progress page gives read-only information to the student about his/her progress whereas

the instructor can update the student's progress page and email the student for any information if needed. In the system, all the 2 users can manage their own account information such as changing passwords or e-mail addresses. And furthermore, the users have the same login as their department login in order to help users remember their login information. The system assigns a unique login to every user by following the same convention used by the department.

This project would lead to the following products:

- ➤ Implementation of SIMS: a working web site with PHP scripts and MySQL database, which would achieve the needs of a communication tool for students registering for an internship class. All the pages containing an individual's information will be secure and will require authentication.
- User's manual: an implementation manual will be available for the user. Every page on the website has a link to a HELP guide. This HELP guide will answer all the frequently asked questions and also highlight ways of using the system.
- > Systems Manual: a project report (this report) will be available with design details and specifications.

A.3) PROJECT SCOPE

This project, Student Internship Management System (SIMS), implements a web system to provide an environment for the students and the instructor to enable a student to successfully complete an internship class. Thus, the components needed to implement SIMS are a database server, a web server, graphical user interface components, and a database interface Application Programming Interface (API) to programmatically access the database. Figure I describe the interaction among the components used in SIMS.

A.4) STUDY OF SYSTEMS

Hardware Requirements:

Processor : Intel 3 / Pentium IV and above

Processor speed : 1.4 GHz Onwards

Cache size : 512 KB

RAM : 512 MB/Minimum)

System memory : 128 Mb minimum 256 Mb recommended

Network card : Any card can provide a 100mbps speed

Network connection : UTP or Coaxial cable connection

Printer : Inkjet Laser Color printer provides at least 1000 Dp

Hard disk : 500 GB

Monitor : SVGA Color 1.5"

Mouse : 104 keys US Key Serial, USB or PS/2

Modem : 36,6 Kbps

Operating System : Windows 7,8,10 - 64 bit

SOFTWARE CONFIGURATION:

A major element in building a system is the section of compatible software since the software in the market is experiencing in geometric progression. Selected software should be acceptable by the firm and one user as well as it should be feasible for the system. This document gives a detailed description of the software requirement specification. The study of requirement specification is focused specially on the functioning of the system. It allows the developer or analyst to understand the system, function to be carried out the performance level to be obtained and corresponding interfaces to be established.

Frontend Functionality: HTML, CSS.

Client-side Scripting : JavaScript

Browser : Chrome

Backend Functionality: PHP

Editor : Visual Code

Database : MySQL

Server Deployment : XAMPP Server

A.4.1) MODULES

The system after careful analysis has been identified to be presented with the following modules and roles. The modules involved are:-

A.4.1.1) ADMIN

The administrator is the super user of this application. Only admin have access into this admin page. Admin may be the owner of the system. The administrator has all

the information about all the users and about all members. This module is divided int,, o different sub-modules.

1) Login page

Login admin using her/his authenticate key.

,Email, Password, sign in

2) Register page

Admin can add a new admin.

Full name, Email id, Password, Re Type Password, Login Here.

A.4.1.2) USER

1) Home page (Frontend)

This is the home page of our main project of website. Where we start out vaccination management journey. Frontend of a website where we see deferent ,,,,type of action button like register login user login etc.

Home, Login, Service, About Us, Contact Us, Member, Register Now.

2) Register page

User can register a mobile number other data for make a account.

Full name, Mobile Number, email, Password, Re Type Password, login.

3) Login page

Login user using her/his authenticate key.

email, Password, Register.

CHAPTER: - B

SYSTEM ANALYSIS

System analysis is the process of gathering and interpreting facts, diagnosing problems and using the information to recommend improvements on the system. System analysis 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 viewed as a whole, the inputs are identified and the system is subjected to close study to identify the problem areas. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

B.1) EXISTING SYSTEM

the current internship management are some functions work manually. internship date certificate issued manage members check users etc. this all are spent lot of time for manual work. In the existing system.

- 1) This internship management system developed for Some specific number of users.
- 2) It is less user-friendly.
- 3) Some functions are working manually user, admin can do it itself.
- 4) Sum option in developing stage.
- 5) It is a time-consuming process.
- 6) This internship management system some difficult for managing user.
- 7) Not in reach of distant users.

B.2) PROPOSED SYSTEM

In the proposed system customer need for login easiest way authentication like OTP verification. He can use the website as an application in his Smartphone.

The system also recommends a SMS notification system which send message to notify user. display graphical details of achievement, easiest communication system with quick response time. user need advice what course to do for your betterment. User friendly UI.

B.3) SYSTEM REQUIREMENT SPECIFICATION

B.3.1) GENERAL DESCRIPTION

Product Description:

This system is everywhere in time available User can talk to our help executive. this is provided you an authentication certificate for completing your course dose.

Problem Statement:

Some problem occurred in our system like some low educated people cannot used this system. They go to someone else for help. This is a big security loss reason. Because when he is using your account, he knows your credentials and he can misuse it.

B.3.2) SYSTEM OBJECTIVES

We are working for to give better experience and reliable safe service.

Regular update patch security issue makes user friendly UI.

Multiple devices supported.

B.3.3) SYSTEM REQUIREMENTS

B.3.3.1) NON-FUNCTIONAL REQUIREMENT

1) EFFICIENCY REQUIREMENT

A user create account and register for a complete a course in an efficiency manner.

2) RELIABILITY REQUIREMENT

The system should provide a reliable environment to both user and admin. All register for a course data should be reaching at the admin without any errors.

3) USABILITY REQUIREMENT

The website is designed for user friendly environment and ease of use.

4) MPLEMENTATION REQUIREMENT

Implementation of the system using CSS and html in front end with JavaScript as back end and it will be used for database connectivity. And the database part is developed by MySQL. Responsive web designing is used for making the website compatible for any type of screen.

5) DELIVERY REQUIREMENT

The whole system is expected to be delivered in four months of time with a weekly evaluation by the project guide.

B.3.3.2) FUNCTIONAL REQUIREMENT

USER LOGIN

1) Description of feature

This feature used by the user to login into system. A user must login with his mobile number and password to the system after registration. If they are invalid, the user not allowed to enter the system.

2) Functional requirement

Username and password will be provided after user registration is confirmed. Password should be hidden from others while typing it in the field.

REGISTER NEW USER

1) Description of feature

A new user will have to register in the system by providing essential details in the way system went.

2) Functional requirement

System must be able to verify and validate information.

The system must encrypt the password of the user to provide security.

REGISTER FOR COURSE

1) Description of feature

A user after completes their registration got his user id and password. Mobile number is a user ID password he whose is given in registration time. Then login with valid credentials. then he can go to user control panel. user can register for a course. When all details are verified then system approved for register a course.

2) Functional requirement

System must ensure that, only a registered user can register for an online course.

ADMIN

1) Description of feature

This feature used by the admin to login into system. An admin must login with his email id and password to the system. If they are invalid, the admin not allowed to enter the system. after login as admin can see all registered user list. admin manage all user, admin set course activation time slot, give certificate, reply a question, update data and many other controls are available for admin.

2) Functional requirement

The system must identify the login of the admin.

Admin account should be secured so that only owner of the management can access that account.

CHAPTER: - C

SYSTEM DESIGN

System design is the solution for the creation of a new system. This phase focuses on the detailed implementation of the feasible system. Its emphasis on translating design. Specifications to performance specification. System design has two phases of development

1) Logical design

2) Physical design

During logical design phase the analyst describes inputs (sources), outputs (destinations), databases (data store) and procedures (data flows) all in a format that meets the user requirements. The analyst also specifies the needs of the user at a level that virtually determines the information flow in and out of the system and the data resources. Here the logical design is done through data flow diagrams and database design. The physical design is followed by physical design or coding. Physical design produces the working system by defining the design specifications, which specify exactly what the candidate system must do.

The programmers write the necessary programs that accept input from the user, perform necessary processing on accepted data and produce the required report on a hard copy or display it on the screen.

C.1) INPUT AND OUTPUT DESIGN

C.1.1) INPUT DESIGN

Input design is the link that ties the information system into the world of its users. The input design involves determining the inputs, validating the data, minimizing the data entry and provides a multi-user facility. Inaccurate inputs are the most common cause of errors in data processing. Errors entered by the data entry operators can be controlled by input design. The user-originated inputs are converted to a computer-based format in the input design. Input data are collected and organized into groups of similar data. Once identified, the appropriate input media are selected for processing. All the input data are validated and if any data violates any conditions, the user is warned by a message. If the data satisfies all the conditions, it is transferred to the appropriate tables in the database. In this project the student details are to be entered at the time of registration. A page is designed for this purpose which is user friendly and easy to use. The design is done such that users get appropriate messages when exceptions occur.

C.1.2) OUTPUT DESIGN

Computer output is the most important and direct source of information to the user. Output design is a very important phase since the output needs to be in an efficient manner. Efficient and intelligible output design improves the system relationship with the user and helps in decision making. Allowing the user to view the sample screen is important because the user is the ultimate judge of the quality of output. The output module of this system is the selected notification.

C.2) DATABASE

DATABASE DESIGN:

Databases are the storehouses of data used in the software systems. The data is stored in tables inside the database. Several tables are created for the manipulation of the data for the system. Two essential settings for a database are.

- 1) Primary Key- the field that is unique for all the record occurrences.
- 2) Foreign Key-the field used to set relation between tables.

Normalization is a technique to avoid redundancy in the tables.

C.3) SYSTEM TOOLS

The various system tools that have been used in developing both the front end and the back end of the project are being discussed in this chapter.

C.3.1) FRONT END

HTML, CSS, JAVA SCRIPT are utilized to implement the frontend.

HTML (Hyper Text Markup Language)

HTML is a syntax used to format a text document on the web.

CSS (Cascading Style Sheets)

CSS is a style sheet language used for describing the look and formatting of a document written in a markup language.

Java Script

JS is a dynamic computer programming language. It is most commonly used as part of web browsers, whose implementations allow client-side. scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. Java Script is used to create popup windows displaying different alerts in the system like "User registered successfully","user details validation" etc.

C.3.2) BACK END

The back end is implemented using php and MySQL which is used to design the databases and backend server data processing management.

PHP

PHP (recursive acronym for PHP: Hypertext Pre-processor) is a widely-used opensource general-purpose scripting language that is especially suited for web development and can be embedded into HTML.

PHP is a server-side scripting language. that is used to develop Static websites or Dynamic websites or Web applications. PHP that earlier stood for Personal Home Pages. PHP scripts can only be interpreted on a server that has PHP installed. The client computers accessing the PHP scripts require a web browser only. A PHP file contains PHP tags and ends with the extension ".php".

MySQL

MySQL is the world's second most widely used open-source relational database management system (RDBMS). The SQL phrase stands for Structured Query Language. An application software called "PHPMYADMIN" was used to design the tables in MySQL.

C.4) TABLES

A table is a collection of related data held in a table format within a database. It consists of columns and rows. In relational databases, and flat file databases, a table is a set of data elements using a model of vertical columns and horizontal rows, the cell being the unit where a row and column intersect.



C.5) E-R DIAGRAMS **HOME** HOME **INTERNSHIPS ARRIVALS REGISTER NOW** JOB'S **LOGIN** freshersnow.com **Featured Course Upcoming Course** EMAIL, PASSWORD, ETC **FULL NAME, MOBILE** NUMBER, EMAIL, PASSWORD, RE TYPE PASSWORD, OTHER

C.6) DATA FLOW DIAGRAMS (DFD)

A Data Flow Diagram (DFD) is a structured analysis and design tool that can be used for flowcharting. A DFD is a network that describes the flow of data and the processes that change or transform the data throughout a system. This network is constructed by using a set of symbols that do not imply any physical implementation. It has the purpose of clarifying system requirements and identifying major transformations. So, it is the starting point of the design phase that functionally decomposes the requirements specifications down to the lowest level of detail. DFD can be considered to an abstraction of the logic of an information-oriented or a process-oriented system flow-chart. For these reasons DFD's are often referred to as logical data flow diagrams.

EXTERNAL ENTITY

An external entity is a source or destination of a data flow. Only those entities which originate or receive data are represented on a data flow diagram. The symbol used is a rectangular box.

PROCESS

A process shows a transformation or manipulation of data flow within the system.

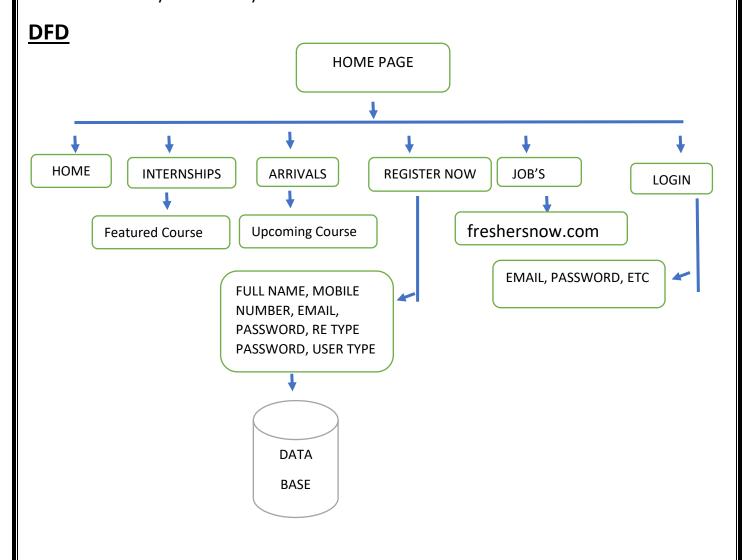
The symbol used is an oval shape.

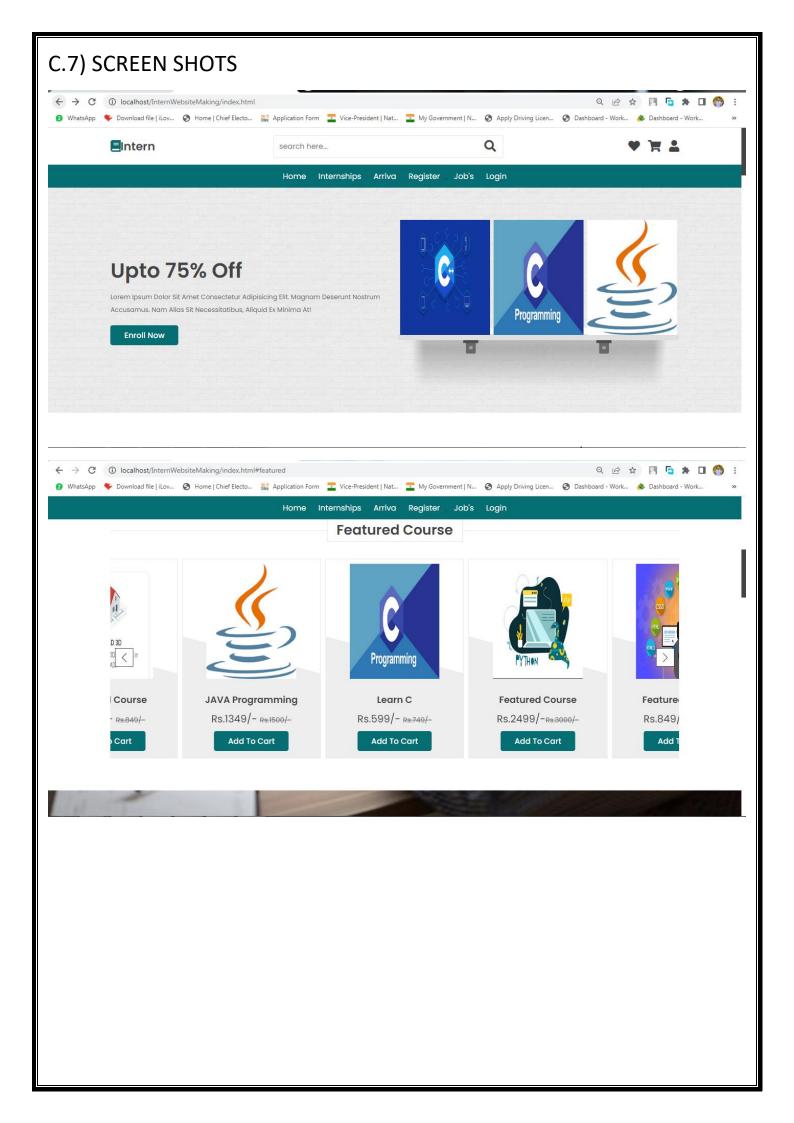
DATA FLOW

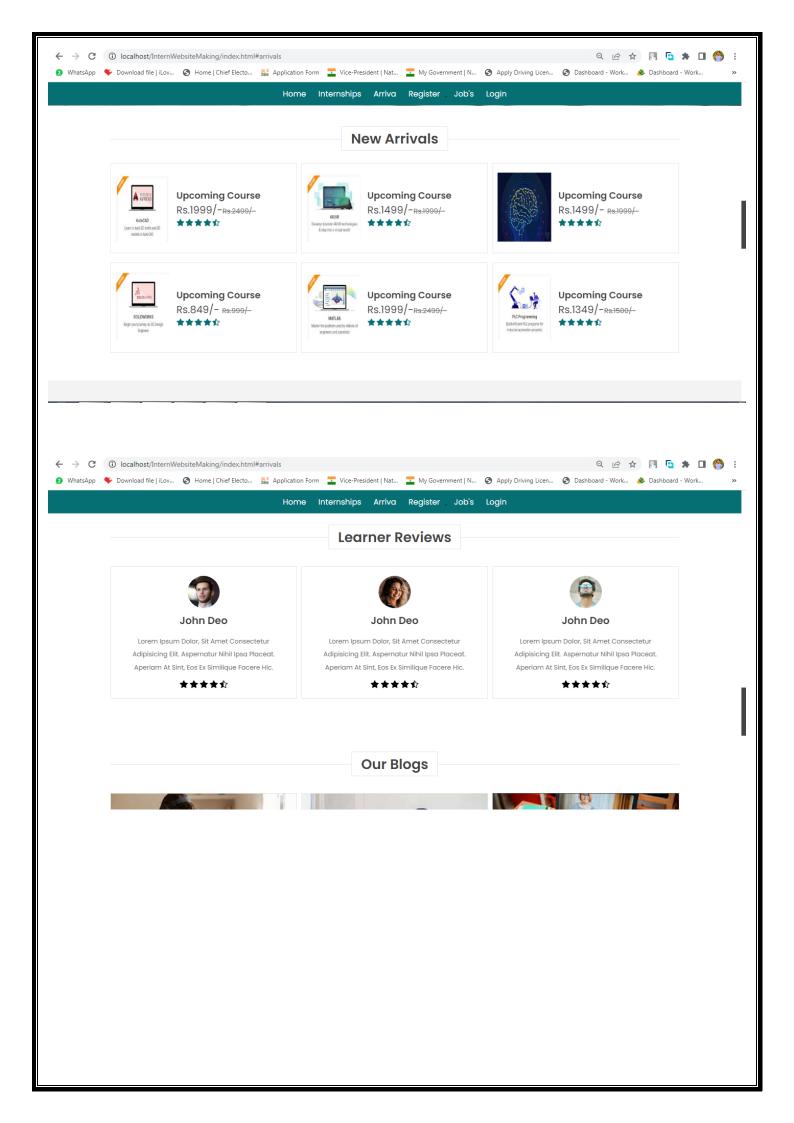
The data flow shows the flow of information from a source to its destination. Data flow is represented by a line, with arrowheads showing the direction of flow. Information always flows to or from a process and may be written, verbal or electronic. Each data flow may be referenced by the processes or data stores at its head and tail, or by a description of its contents.

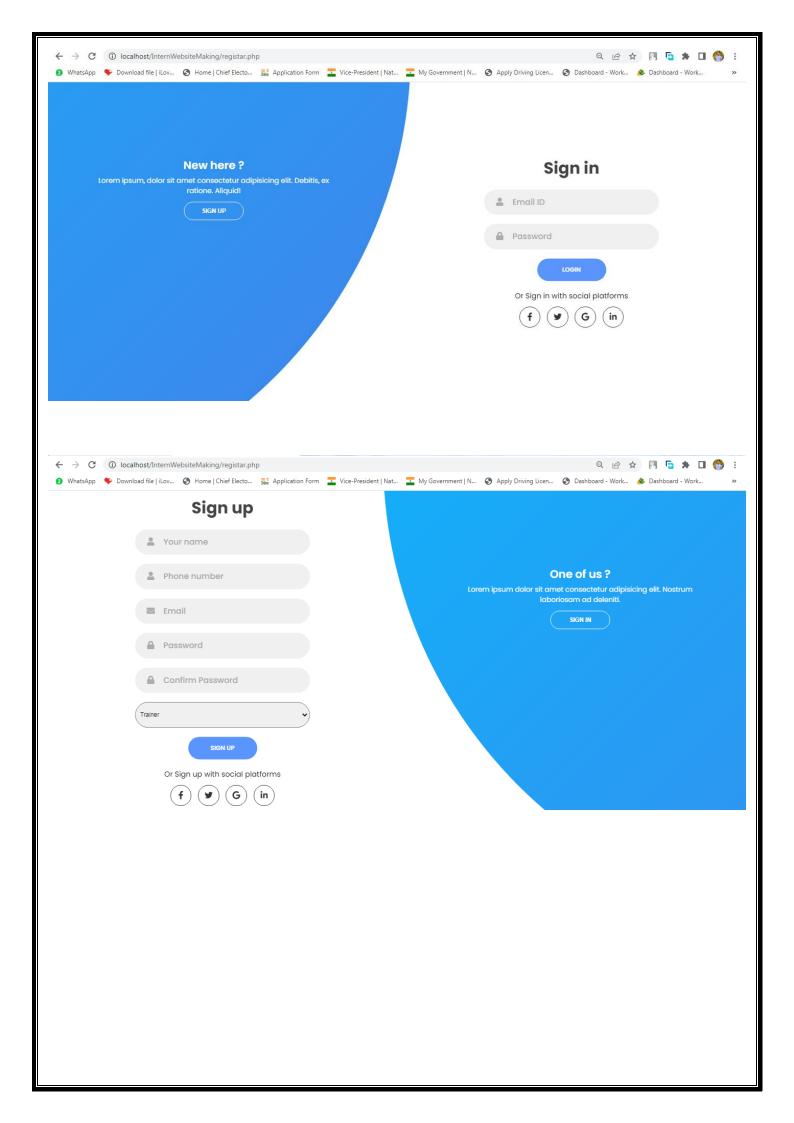
DATA STORE

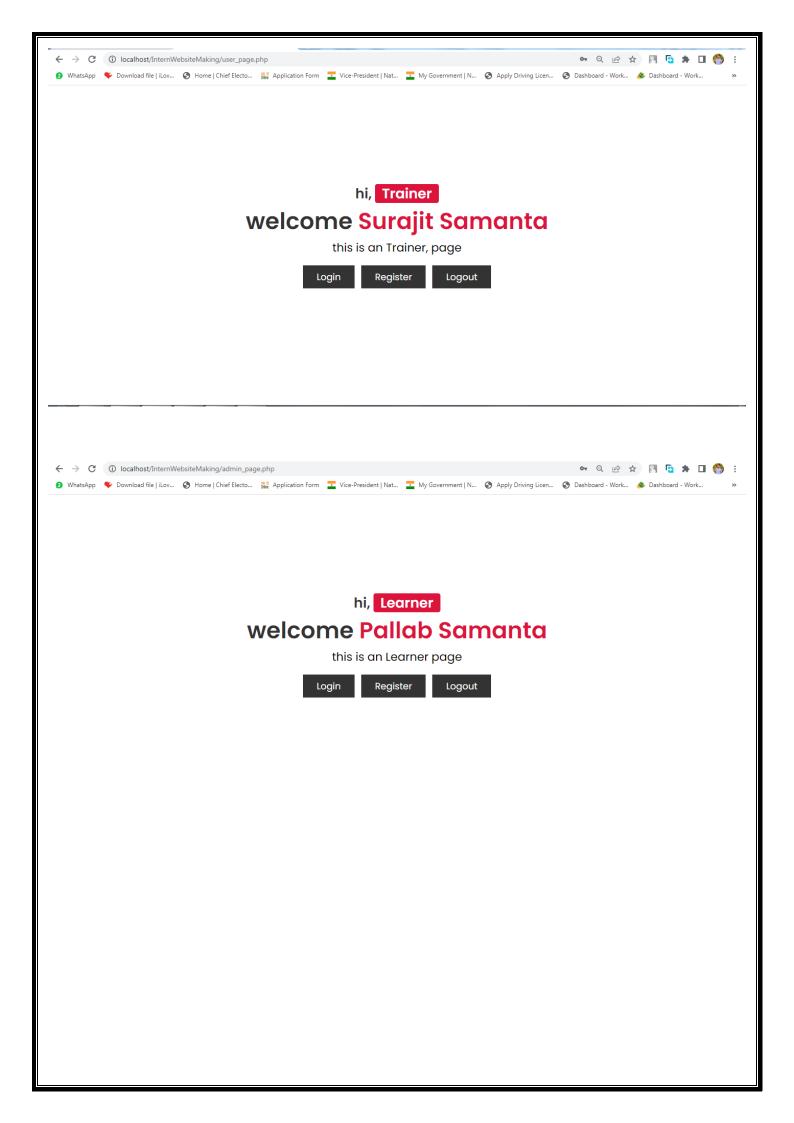
A data store is a holding place for information within the system: It is represented by an open-ended narrow rectangle. Data stores may be long term files such as sales ledgers, or may be short-term accumulations: for example, batches of documents that are waiting to be processed. Each data store should be given a reference followed by an arbitrary number.











C.8) SAMPLECODE

```
<!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>Internships Here !!!!</title>
  <link rel="stylesheet" href="https://unpkg.com/swiper@7/swiper-bundle.min.css" />
  <!-- font awesome cdn link -->
  </l></l></l></
  <!-- custom css file link -->
  <link rel="stylesheet" href="css/style.css">
</head>
<body>
<!-- header section starts -->
<header class="header">
  <div class="header-1">
    <a href="index.html" class="logo"> <i class="fas fa-book" ></i>Intern </a
    <form action="" class="search-form">
      <input type="search" name="" placeholder="search here..." id="search-box">
      <label for="search-box" class="fas fa-search"></label>
    </form>
    <div class="icons">
      <div id="search-btn" class="fas fa-search"></div>
      <a href="#" class="fas fa-heart"></a>
      <a href="#" class="fas fa-shopping-cart"></a>
      <!-- <a href="registar.html" class="fas fa-user"></a> -->
      <div id="login-btn" class="fas fa-user"></div>
    </div>
  </div>
  <div class="header-2">
    <nav class="navbar">
      <a href="#home">home</a>
```

```
<a href="#featured">Internships</a>
      <a href="#arrivals">arrivals</a>
      <a href="registar.php">register</a>,,
      <a href="https://www.freshersnow.com/">Job's</a>
      <a href="registar.php">login</a>
    </nav>
  </div>
</header>
<!-- header section ends -->
<!-- bottom navbar -->
<nav class="bottom-navbar">
  <a href="#home" class="fas fa-home"></a>
  <a href="#featured" class="fas fa-list"></a>
  <a href="#arrivals" class="fas fa-tags"></a>
  <a href="#reviews" class="fas fa-comments"></a>
  <a href="#blogs" class="fas fa-blog"></a>
</nav>
<!-- login form -->
<div class="login-form-container">
  <div id="close-login-btn" class="fas fa-times"></div>
  <form action="registar.php" method="post" class="sign-in-form">
    <h3>sign in</h3>
    <span>username</span>
    <input type="email" name="email" class="box" placeholder="enter your email" id="">
    <span>password</span>
    <input type="password" name="password" class="box" placeholder="enter your password" id="">
    <div class="checkbox">
      <input type="checkbox" name="" id="remember-me">
      <label for="remember-me"> remember me</label>
    </div>
    <input type="submit" name="submit" value="sign in" class="btn">
    forget password ? <a href="#">click here</a>
    <don't have an account ? <a href="registar.php">create one</a>
```

```
</form>
</div>
<!-- home section starts -->
<section class="home" id="home">
  <div class="row">
    <div class="content">
      <h3>upto 75% off</h3>
      Lorem ipsum dolor sit amet consectetur adipisicing elit. Magnam deserunt nostrum accusamus. Nam alias
sit necessitatibus, aliquid ex minima at!
      <a href="#" class="btn">Enroll Now</a>
    </div>
    <div class="swiper books-slider">
      <div class="swiper-wrapper">
        <a href="#" class="swiper-slide"><img src="image/c++.png" alt=""></a>
        <a href="#" class="swiper-slide"><img src="image/c.png" alt=""></a>
        <a href="#" class="swiper-slide"><img src="image/java.png" alt=""></a>
        <a href="#" class="swiper-slide"><img src="image/python.jpg" alt=""></a>
        <a href="#" class="swiper-slide"><img src="image/web-development.jpg" alt=""></a>
        <a href="#" class="swiper-slide"><img src="image/Machine Learn.jpg" alt=""></a>
      </div>
      <img src="image/stand.png" class="stand" alt="">
    </div>
  </div>
</section>
<!-- home section ense -->
<!-- icons section starts -->
<section class="icons-container">
  <div class="icons">
    <i class="fas fa-shipping-fast"></i>
    <div class="content">
      <h3>free Course</h3>
      availlavel here
    </div>
  </div>
```

```
<div class="icons">
    <i class="fas fa-lock"></i>
    <div class="content">
      <h3>secure payment</h3>
      100 secure payment
    </div>
  </div>
  <div class="icons">
    <i class="fas fa-redo-alt"></i>
    <div class="content">
      <h3>easy payback</h3>
      1 hour cancelation
    </div>
  </div>
  <div class="icons">
    <i class="fas fa-headset"></i>
    <div class="content">
      <h3>24/7 support</h3>
      call us anytime
    </div>
  </div>
</section>
<!-- icons section ends -->
<!-- featured section starts -->
<section class="featured" id="featured">
  <h1 class="heading"> <span>featured Course</span> </h1>
  <div class="swiper featured-slider">
    <div class="swiper-wrapper">
      <div class="swiper-slide box">
        <div class="icons">
          <a href="#" class="fas fa-search"></a>
          <a href="#" class="fas fa-heart"></a>
          <a href="#" class="fas fa-eye"></a>
        </div>
```

```
<div class="image">
    <img src="image/java.png" alt="">
  </div>
  <div class="content">
    <h3>JAVA Programming</h3>
    <div class="price">Rs.1349/- <span>Rs.1500/-</span></div>
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="icons">
    <a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
  <div class="image">
    <img src="image/c.png" alt="">
  </div>
  <div class="content">
    <h3>Learn C</h3>
    <div class="price">Rs.599/- <span>Rs.749/-</span></div>
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="icons">
    <a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
  <div class="image">
    <img src="image/python.jpg" alt="">
  </div>
```

```
<div class="content">
    <h3>featured Course</h3>
    <div class="price">Rs.2499/-<span>Rs.3000/-</span></div>
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="icons">
    <a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
  <div class="image">
    <img src="image/web-development.jpg" alt="">
  </div>
  <div class="content">
    <h3>featured Course</h3>
    <div class="price">Rs.849/- <span>Rs.999/-</span></div>
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="icons">
    <a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
  <div class="image">
    <img src="image/c++.png" alt="">
  </div>
  <div class="content">
    <h3>featured Course</h3>
    <div class="price">R.749/- <span>Rs.1000/-</span></div>
    <a href="#" class="btn">add to cart</a>
```

```
</div>
</div>
<div class="swiper-slide box">
  <div class="icons">
    <a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
  <div class="image">
    <img src="image/advancd excel.JPG" alt="">
  </div>
  <div class="content">
    <h3>featured Course</h3>
    <div class="price">Rs.499/- <span>Rs.599/-</span></div>
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="icons">
    <a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
  <div class="image">
    <img src="image/soft test.JPG" alt="">
  </div>
  <div class="content">
    <h3>featured Course</h3>
    <div class="price">Rs.399/-<span>Rs.599/-</span></div>
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="icons">
```

```
<a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
  <div class="image">
    <img src="image/react.JPG" alt="">
  </div>
  <div class="content">
    <h3>featured Course</h3>
    <div class="price">Rs.2499/-<span>Rs.2999/-</span></div>
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="icons">
    <a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
  <div class="image">
    <img src="image/dsa.JPG" alt="">
  </div>
  <div class="content">
    <h3>featured Course</h3>
    <div class="price">Rs.849/-<span>Rs.999/-</span></div>
    <a href="#" class="btn">add to cart</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="icons">
    <a href="#" class="fas fa-search"></a>
    <a href="#" class="fas fa-heart"></a>
    <a href="#" class="fas fa-eye"></a>
  </div>
```

```
<div class="image">
           <img src="image/autocad3d.JPG" alt="">
        </div>
        <div class="content">
           <h3>featured Course</h3>
           <div class="price">Rs.749/- <span>Rs.849/-</span></div>
           <a href="#" class="btn">add to cart</a>
        </div>
      </div>
    </div>
    <div class="swiper-button-next"></div>
    <div class="swiper-button-prev"></div>
  </div>
</section>
<!-- featured section ends -->
<!-- newsletter section starts -->
<section class="newsletter">
  <form action="">
    <h3>subscribe for latest updates</h3>
    <input type="email" name="" placeholder="enter your email" id="" class="box">
    <input type="submit" value="subscribe" class="btn">
  </form>
</section>
<!-- newsletter section ends -->
<!-- arrivals section starts -->
<section class="arrivals" id="arrivals">
  <h1 class="heading"> <span>new arrivals</span> </h1>
  <div class="swiper arrivals-slider">
    <div class="swiper-wrapper">
      <a href="#" class="swiper-slide box">
        <div class="image">
           <img src="image/gitgithub.JPG" alt="">
        </div>
        <div class="content">
```

```
<h3>upcoming course</h3>
    <div class="price">Rs.3999/- <span>Rs.4999/-</span></div>
    <div class="stars">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star-half-alt"></i>
    </div>
  </div>
</a>
<a href="#" class="swiper-slide box">
  <div class="image">
    <img src="image/autocD.JPG" alt="">
  </div>
  <div class="content">
    <h3>upcoming course</h3>
    <div class="price">Rs.1999/-<span>Rs.2499/-</span></div>
    <div class="stars">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star-half-alt"></i>
    </div>
  </div>
</a>
<a href="#" class="swiper-slide box">
  <div class="image">
    <img src="image/arvr.JPG" alt="">
  </div>
  <div class="content">
    <h3>upcoming course</h3>
    <div class="price">Rs.1499/-<span>Rs.1999/-</span></div>
```

```
<div class="stars">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star-half-alt"></i>
    </div>
  </div>
</a>
<a href="#" class="swiper-slide box">
  <div class="image">
    <img src="image/deep.jpg" alt="">
  </div>
  <div class="content">
    <h3>upcoming course</h3>
    <div class="price">Rs.1499/- <span>Rs.1999/-</span></div>
    <div class="stars">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star-half-alt"></i>
    </div>
  </div>
</a>
<a href="#" class="swiper-slide box">
  <div class="image">
    <img src="image/voice app.JPG" alt="">
  </div>
  <div class="content">
    <h3>upcoming course</h3>
    <div class="price">Rs.849/-<span>Rs.999/-</span></div>
    <div class="stars">
      <i class="fas fa-star"></i>
```

```
<i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
          <i class="fas fa-star"></i>
          <i class="fas fa-star-half-alt"></i>
        </div>
      </div>
    </a>
  </div>
</div>
<div class="swiper arrivals-slider">
  <div class="swiper-wrapper">
    <a href="#" class="swiper-slide box">
      <div class="image">
        <img src="image/sas.JPG" alt="">
      </div>
      <div class="content">
        <h3>upcoming course</h3>
        <div class="price">Rs.1499/-<span>Rs.1999/-</span></div>
        <div class="stars">
          <i class="fas fa-star"></i>
          <i class="fas fa-star"></i>
          <i class="fas fa-star"></i>
          <i class="fas fa-star"></i>
          <i class="fas fa-star-half-alt"></i>
        </div>
      </div>
    </a>
    <a href="#" class="swiper-slide box">
      <div class="image">
        <img src="image/solid.JPG" alt="">
      </div>
      <div class="content">
        <h3>upcoming course</h3>
```

```
<div class="price">Rs.849/- <span>Rs.999/-</span></div>
    <div class="stars">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star-half-alt"></i>
    </div>
  </div>
</a>
<a href="#" class="swiper-slide box">
  <div class="image">
    <img src="image/matlab.JPG" alt="">
  </div>
  <div class="content">
    <h3>upcoming course</h3>
    <div class="price">Rs.1999/-<span>Rs.2499/-</span></div>
    <div class="stars">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star-half-alt"></i>
    </div>
  </div>
</a>
<a href="#" class="swiper-slide box">
  <div class="image">
    <img src="image/plc progr.JPG" alt="">
  </div>
  <div class="content">
    <h3>upcoming course</h3>
    <div class="price">Rs.1349/-<span>Rs.1500/-</span></div>
```

```
<div class="stars">
             <i class="fas fa-star"></i>
             <i class="fas fa-star"></i>
             <i class="fas fa-star"></i>
             <i class="fas fa-star"></i>
             <i class="fas fa-star-half-alt"></i>
           </div>
         </div>
      </a>
      <a href="#" class="swiper-slide box">
         <div class="image">
           <img src="image/eithicalhacking.JPG" alt="">
         </div>
         <div class="content">
           <h3>upcoming course</h3>
           <div class="price">Rs.1999/- <span>Rs.2499/-</span></div>
           <div class="stars">
             <i class="fas fa-star"></i>
             <i class="fas fa-star"></i>
             <i class="fas fa-star"></i>
             <i class="fas fa-star"></i>
             <i class="fas fa-star-half-alt"></i>
           </div>
         </div>
      </a>
    </div>
  </div>
</section>
<!-- arrivals section ends -->
<!-- deal section starts -->
<section class="deal">
  <div class="content">
    <h3>deal of the day</h3>
    <h1>upto 50% off</h1>
```

```
Lorem ipsum dolor sit amet consectetur, adipisicing elit. Unde perspiciatis in atque dolore tempora quaerat
at fuga dolorum natus velit.
    <a href="#" class="btn">Enroll now</a>
  </div>
  <div class="image">
    <img src="image/internship.JPG" alt="">
  </div>
</section>
<!-- deal section ends -->
<!-- reviews section starts -->
<section class="reviews" id="reviews">
  <h1 class="heading"> <span>Learner reviews</span> </h1>
  <div class="swiper reviews-slider">
    <div class="swiper-wrapper">
      <div class="swiper-slide box">
        <img src="image/pic-1.png" alt="">
        <h3>john deo</h3>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Aspernatur nihil ipsa placeat. Aperiam at sint,
eos ex similique facere hic.
        <div class="stars">
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star-half-alt"></i>
        </div>
      </div>
      <div class="swiper-slide box">
        <img src="image/pic-2.png" alt="">
        <h3>john deo</h3>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Aspernatur nihil ipsa placeat. Aperiam at sint,
eos ex similique facere hic.
        <div class="stars">
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
```

```
<i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star-half-alt"></i>
         </div>
      </div>
      <div class="swiper-slide box">
         <img src="image/pic-3.png" alt="">
         <h3>john deo</h3>
         Lorem ipsum dolor, sit amet consectetur adipisicing elit. Aspernatur nihil ipsa placeat. Aperiam at sint,
eos ex similique facere hic.
         <div class="stars">
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star-half-alt"></i>
         </div>
      </div>
      <div class="swiper-slide box">
         <img src="image/pic-4.png" alt="">
         <h3>john deo</h3>
         Lorem ipsum dolor, sit amet consectetur adipisicing elit. Aspernatur nihil ipsa placeat. Aperiam at sint,
eos ex similique facere hic.
         <div class="stars">
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star-half-alt"></i>
         </div>
      </div>
      <div class="swiper-slide box">
         <img src="image/pic-5.png" alt="">
         <h3>john deo</h3>
```

```
Lorem ipsum dolor, sit amet consectetur adipisicing elit. Aspernatur nihil ipsa placeat. Aperiam at sint,
eos ex similique facere hic.
         <div class="stars">
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star-half-alt"></i>
         </div>
      </div>
      <div class="swiper-slide box">
         <img src="image/pic-6.png" alt="">
         <h3>john deo</h3>
         Lorem ipsum dolor, sit amet consectetur adipisicing elit. Aspernatur nihil ipsa placeat. Aperiam at sint,
eos ex similique facere hic.
         <div class="stars">
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star"></i>
           <i class="fas fa-star-half-alt"></i>
         </div>
      </div>
    </div>
  </div>
</section>
<!-- reviews section ends -->
<!-- blogs section starts -->
<section class="blogs" id="blogs">
  <h1 class="heading"> <span>our blogs</span> </h1>
  <div class="swiper blogs-slider">
    <div class="swiper-wrapper">
      <div class="swiper-slide box">
         <div class="image">
```

```
<img src="image/blogss1.jpg" alt="">
  </div>
  <div class="content">
    <h3>blog title goes here</h3>
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Optio, odio.
    <a href="#" class="btn">read more</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="image">
    <img src="image/blogs2.jpg" alt="">
  </div>
  <div class="content">
    <h3>blog title goes here</h3>
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Optio, odio.
    <a href="#" class="btn">read more</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="image">
    <img src="image/blogs3.jpg" alt="">
  </div>
  <div class="content">
    <h3>blog title goes here</h3>
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Optio, odio.
    <a href="#" class="btn">read more</a>
  </div>
</div>
<div class="swiper-slide box">
  <div class="image">
    <img src="image/blogs4.jpg" alt="">
  </div>
  <div class="content">
    <h3>blog title goes here</h3>
```

```
Lorem ipsum dolor sit amet consectetur adipisicing elit. Optio, odio.
           <a href="#" class="btn">read more</a>
        </div>
      </div>
      <div class="swiper-slide box">
        <div class="image">
           <img src="image/blogs5.jpg" alt="">
        </div>
        <div class="content">
           <h3>blog title goes here</h3>
           Lorem ipsum dolor sit amet consectetur adipisicing elit. Optio, odio.
           <a href="#" class="btn">read more</a>
        </div>
      </div>
    </div>
  </div>
</section>
<!-- blogs section ends -->
<!-- footer section starts -->
<section class="footer">
  <div class="box-container">
    <div class="box">
      <h3>our locations</h3>
      <a href="#"> <i class="fas fa-map-marker-alt"></i> india </a>
      <a href="#"> <i class="fas fa-map-marker-alt"></i> USA </a>
      <a href="#"> <i class="fas fa-map-marker-alt"></i> russia </a>
      <a href="#"> <i class="fas fa-map-marker-alt"></i> france </a>
      <a href="#"> <i class="fas fa-map-marker-alt"></i> japan </a>
      <a href="#"> <i class="fas fa-map-marker-alt"></i> africa </a>
    </div>
    <div class="box">
      <h3>quick links</h3>
      <a href="#"> <i class="fas fa-arrow-right"></i> home </a>
      <a href="#"> <i class="fas fa-arrow-right"></i> featured </a>
```

```
<a href="#"> <i class="fas fa-arrow-right"></i> arrivals </a>
      <a href="#"> <i class="fas fa-arrow-right"></i> reviews </a>
      <a href="#"> <i class="fas fa-arrow-right"></i> blogs </a>
    </div>
    <div class="box">
      <h3>extra links</h3>
      <a href="#"> <i class="fas fa-arrow-right"></i> account info </a>
      <a href="#"> <i class="fas fa-arrow-right"></i> ordered items </a>
      <a href="#"> <i class="fas fa-arrow-right"></i> privacy policy </a>
      <a href="#"> <i class="fas fa-arrow-right"></i> payment method </a>
      <a href="#"> <i class="fas fa-arrow-right"></i> our serivces </a>
    </div>
    <div class="box">
      <h3>contact info</h3>
      <a href="#"> <i class="fas fa-phone"></i> +91-9434253051 </a>
      <a href="#"> <i class="fas fa-phone"></i> +111-222-3333 </a>
      <a href="#"> <i class="fas fa-envelope"></i> surajitsamanta900249@gmail.com </a>
      <img src="image/worldmap.png" class="map" alt="">
    </div>
  </div>
  <div class="share">
    <a href="#" class="fab fa-facebook-f"></a>
    <a href="#" class="fab fa-twitter"></a>
    <a href="#" class="fab fa-instagram"></a>
    <a href="#" class="fab fa-linkedin"></a>
    <a href="#" class="fab fa-pinterest"></a>
  </div>
  <div class="credit"> created by <span>Mr.Surajit Samanta</span> | all rights reserved! </div>
</section>
<!-- footer section ends -->
<!-- loader -->
<div class="loader-container">
  <img src="image/loader-img.gif" alt="">
</div>
```

```
<script src="https://unpkg.com/swiper@7/swiper-bundle.min.js"></script>
<!-- custom js file link -->
<script src="js/script.js"></script>
</body>
</html>
```

C.9) SYSTEM TESTING

The process of testing of an integrated hardware and software system to verify that the system meets its specified requirements. Verification: Confirmation by examination and provisions of objective evidence that specified requirements have been fulfilled. To test the system as a whole, requirements and expectations should be clear and the tester needs to understand real time usage of application too.

Installation of Computing Platform

Install proposed system to run project. In this system windows platform is required. So first of all, install windows 98/2000/XP/7/8/10/11 operating system.

Technology Testing

Install sufficient hardware such as monitor, printer, keyboard etc. on site. Help also can provide to user to meet timing demands & balance job mix.

Program Testing

After the modules were tested & integrated with software packages both valid & invalid test transaction were run to test software system.

Input Testing

User will be tested to determine if they are completing the forms correctly.

accuracy & speed of data entry personnel will be evaluate the efficiency of screen input layout will be evaluated.

Output Testing

View & enquiry screen will be tested for accuracy based on live data is entered during the training sessions. All reports will be issued to the final users, & each user will be

required to fill out a questionnaire if the view report meets his/her information needs.

D) CONCLUSION

The project entitled student internship management system was completed successfully.

The system has been developed with much care and free of errors and at the same time it is efficient and less time consuming. The purpose of this project was to develop a website benefit of getting the knowledge from home.

This project helped us in gaining valuable information and practical knowledge on several topics like designing web pages using html & CSS, usage of responsive designing, designing of website, and management of database using MySQL. The entire system is secured.

Also, the project helped us understanding about the development phases of a project and web development life cycle. We learned how to test different features of a project.

This project has given us great satisfaction in having designed an application which can be implemented to any nearby institutions or government to manage various kinds of internship course data.

There is a scope for further development in our project to a great extent. A number of features can be added to this system in future like providing Department of BCA, GGI Page 38 student internship management system Site user more control over the site so that each user can manage all data. Another feature we wished to implement was providing popper information to user advantages of courses, how to learn from inline courses and many other information. System may keep safe and secure user data like email id, mobile number, user certificate etc. These features could have implemented unless the time did not limited us.

E) REFERENCES

Google

YouTube