Project Report on

"Time Table Management System"

"ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCE"

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Affiliated to Andhra University)

SANGIVALASA,VISAKHAPATNAM-531162

2020-2021

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In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE ENGINEERING

Under esteemed guidance of

Mr.Bose Babu

(Assistant Professor)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCE

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BONAFIDE CERTIFICATE

Certificate that this project report "TIMETABLE MANAGEMENT SYSTEM" is the bonafide "S.PREM SAGAR(318126510050), V.HARSHIT MOULI (318126510056), K.VENKATA SAI (319126510L02), PRASANNA (319126510L03), V.MURALI (319126510L04),K.SESHA SHAI DATTA (319126510L06)" who carried out the project under my supervision.

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DECLARATION

This is to certify that the project wok entitled “TIMETABLE MANAGEMENT SYSTEM” is a bonafide work carried out by S.PREM SAGAR,V.HARSHIT MOULI, K.VENKATA SAI,PRASANNA, V.MURALI, K.SESHA SHAI DATTA as a part of B.Tech Third Year 2nd Semester of Computer Science And Engineering of Andhra University, Visakhapatnam during the academic year 2020-2021.

We S.PREM SAGAR,V.HARSHIT MOULI,K.VENKATA SAI,PRASANNA, V.MURALI, K.SESHA SHAI DATTA of 3rd year B.Tech in the Department of Computer Science And Engineering from ANITS,Visakhapatnam, here by declare that the project work entitled “TIMETABE MANAGEMENT SYSTEM” is carried out by us and submitted in partial fulfillment of the requirements for the award of Bachelor of Technology in Computer Science And Engineering, Under Anil Neerukonda Institute of Technology & Sciences during the academic year 2020-2021 has not been submitted to any other University for the awardof any kind of degree

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ACKNOWLEDGEMENT

The satisfaction and euphoria that accompany the successful completion of any task would be incomplete without the mention of the people who made it possible,whose constant guidance and encouragement always boosted the morale. We take a great pleasure in presenting a project, which is the result of a studied blend of both research and knowledge first take the privilege to thank the head of our department Dr.R.SIVARANJINI, for permitting us in laying the first stone of success.

We feel great to thank BOSE BABU who is our project guide and who shared his valuable knowledge with us and made us understand the real essence of the topic and created interest in us to put our continuous efforts in the project.

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Content:

ABSTRACT

Time table management system is a project which is developed to provide better support for lecturers in a viable way.It consists of many modules for data abstraction of the faculty details of ANITS.The manipulation of this data is done in according to the needs of faculty for seeing the time slots allocated to them in a day wise manner.

The data of the new faculty who have stepped into ANITS and the faculty who are leaving the ANITS will be automatically managed at the back end by the Admin without the need of involvement of faculty.

TIMETABLE MANAGEMENT SYSTEM

1.1 Introduction:

Timetabling concerns all activities with regard to producing a schedule that must be subjective to different constraints. Timetable can be defined as the optimization of given activities, actions or events to a set of objects in space-time matrix to satisfy a set of desirable constraints.

A key factor in running an educational centre or basically an academic environment is the need for a well-planned, well-throughout and clash-free timetable. Back in the days when technology was not in wide use, (lecture) timetables were manually created by the academic institution.

Every school year, tertiary institutions are faced with the tedious task of drawing up academic timetables

that satisfies the various courses and the respective examination being offered by the different departments.

Timetable development process starts when each Head of Department provide the following information to be used for timetable scheduling. The information provides the modules with dates, time

and venues suitable in a particular semester:

Examinable courses in a particular semester.

• Dates for lectures to be held (Lectures can be scheduled between Monday and Friday).

• Specified time for lectures (i.e. Between 8am and 4pm)

• The venue of the scheduled lectures.

A timetabling problem consists of four parameters and they are:

• T (set of time),

• R (set of available resources),

• M (set of scheduled contacts) and C (set of constraints).

This problem assigns time and resources to the contacts on such a way that the constraints will be satisfied. In various timetabling problems, educational timetabling has been generally examined from practical standpoint.

The quality of the timetable determines the quality of time dedicated by lecturers, students and administrators to academic activities. Various academic timetabling includes:

- College timetable
- Lecture timetable

2. SYSTEM ANALYSIS

System Analysis is the description of a system into its component pieces to study how the component pieces are study and work.

2.1 Software Requirement Specifications:

Software Requirement Specification is the starting point of software developing activity.

As system grew more complex it became evident that the goal of the entire system cannot be easily comprehended. Hence the needs for the requirements phase are use. The software project is initiated by the client needs. The purpose of the software requirement specifications to reduce the communication gap between the clients and developers. Software Requirement Specification is the medium through which the client and user needs are accurately specified. It forms the basis of software development. A good SRS should satisfy all the parties of involved in the system.

2.1.1 Purpose:

The purpose of this document is to build a timetable management to view the individual timetable of each and every faculty in a daywise manner.

DOCUMENT CONVENTIONS:

DT : Displaying TimeTable

DB : Database

OS : Operating System

ER : Entity Relationship

2.1.2 Scope:

The general timetable contains days in the rows and columns contains the timings such as 8:40 to 9:30,9:30 to 10:20……and so on.The names of the faculty will be mentioned in the respective timetable slots,allocated to them but each faculty couldn’t view their own timetable and check their time slots we figured out the problem and made it adaptive to the faculty by displaying each and every individual timetable slots of faculty in a daywise manner.

2.1.3 Objective:

The main objective of our project is to display individual timetable of each and every

faculty according to the day choosen by them.

2.1.4 Existing System:

At present faculty have to view each and every section timetable of every year to check their individual time slots allocated. This is not a viable vary of displaying or checking individual time slots.

2.1.5 Functional Requirements:

- Student TimeTable: The admin will enter the faculty names in the timetable of each and every year, branch and section corresponding to it.
- Faculty TimeTable: The faculty timetable of each and every year, branch and section will be entered the admin.
- Faculty Registration: The faculty registration needs the data of the individual faculty like name, email id and password.

2.1.6 Non-Functional Requirements:

- User Interface should be compatible to load HTML, CSS, Java Script pages in Front End.
- Software Interface should support the OS and Database of the User.

Communication Interface can support all Web Browsers .

- **Availability**: The application is available to all the intended users, all the time based on the Network Availability.
- **Maintainability**: updating of leave records from the database can be done as to maintain less complexity.
- **Implementation:** This System can be easily implemented and has scope for making future changes easily, since the system is developed by using the feature of Modularity,
- **Security:** Security is provided by JSON web tokens, data is encrypted by SHA256.

2.1.7 Software Requirements:

- HTML.
- CSS.

- JAVA SCRIPT.
- PHP
- MY SQL.
- Any browser.

2.1.8 Hardware Requirements:

- Desktop Computers and Personal Mobile Devices
- Keyboard.
- Mouse.
- Minimum 4GB RAM.
- Pentium Processor and above.
- Minimum 256GB Hard Disk.

3.SYSTEM DESIGN

Object Oriented Design is concerned with developing an object-oriented model of a software system to implement the identified requirements. It is the process of defining the components, interfaces, objects, classes, Attributes and operations that will satisfy the requirements.

The designer's goal is how the outputs to be produced and in what format samples of output are also presented. The processing phases are handled through the program construction and testing.

The importance of software design can be stated in a single word "QUALITY". Design provides us with representations of software that can be accessed for quality. Design is the only way that can be able to accurately translate a customer's requirements into finished software product or system without design risk.

Object oriented design can yield the following benefits:

- **MAINTAINABILITY:** Through simplified mapping to the problem domain, which provides for less analysis effort, less complexity in system design, easier verification by the user.
- **REUSABILITY:** Of the design artifacts, which saves time and cost

PRODUCTIVITY: Gains through direct mapping of features of Object-Oriented Programming Languages.

3.1 UML DESIGN:

3.1.1 DATA FLOW DIAGRAM:

The DFD is also called as bubble chart. It 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 is generated by the system. It maps out the flow of the information for any process or system, how data is processed in terms of inputs and outputs. It uses defined symbols like rectangles, circles and arrows to show data inputs, outputs, storage points and the routes between each destination. They can be used to analyze an existing system or model a new one. A DFD can often visually "say" things that would be hard to explain in words and they work for both technical and non-technical.

There are four components in DFD:

1. External Entity

2. Process

3. Data Flow

4. Data Store

1. External Entity:

It is an outside system that sends or receives data, communicating with the system. They are the sources destinations of the information entering and leaving the system. They might be an outside organization or person, a computer system or a business system. They are known as terminators, sources and sinks or actors. They are typically drawn on the edges of the diagram. These are sources and destinations of the system's input and output.

Representation:

2. Process:

It is just like a function that changes the data, producing an output. It might perform computations or sort data based on logic or direct the dataflow based on business rules.

Representation:

3.Data Flow:

A dataflow represents a package of information flowing between two objects in the data-flow diagram. Data flows are used to model the flow of information into the system, out of the system and between the elements within the system.

Representation:

4. Data Store:

These are the files or repositories that hold information for later use, such as a database table or a membership form. Each data store receives a simple label.

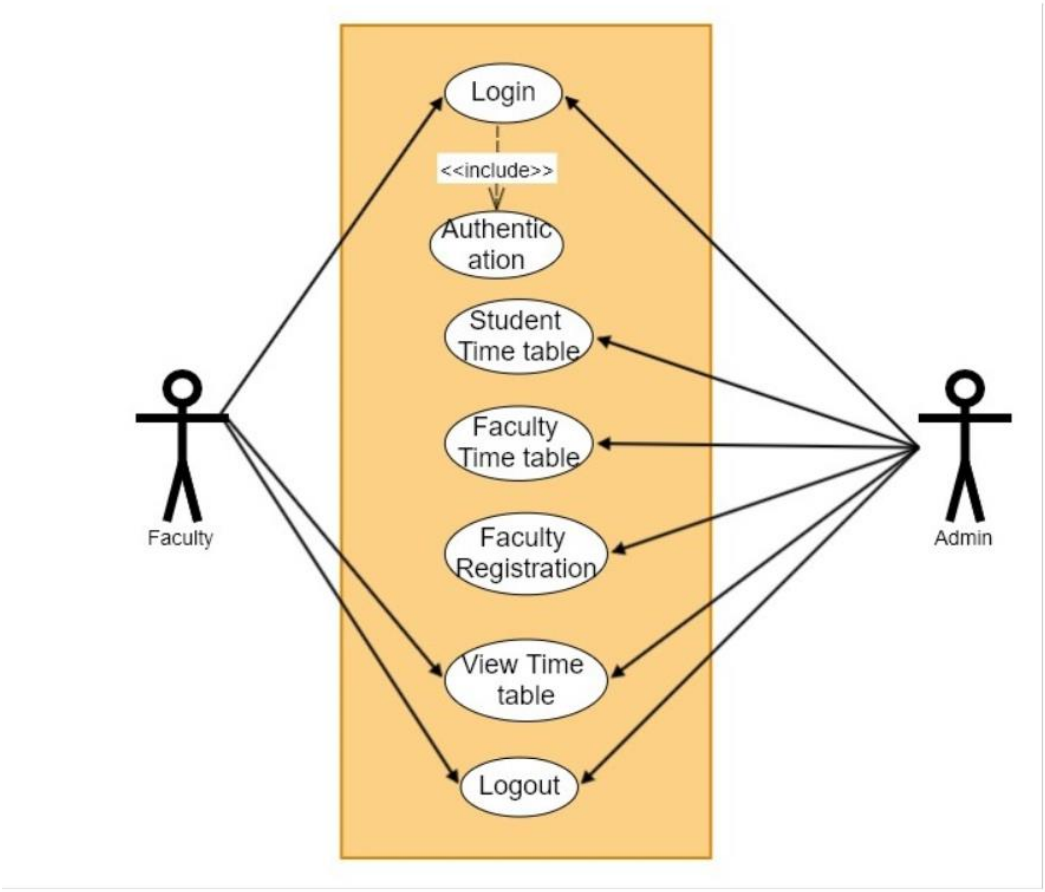
Representation:

DFD Levels:

A data flow diagram can drive into progressively more detail by using levels. DFD levels are numbered as 0, 1 or 2 and occasionally go to even level 3 or beyond. The necessary level of the detail depends on the scope of the task.

- **DFD Level 0:**
  It is also called as 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.
- **DFD Level 1:**
  It provides a more detailed breakout of pieces of the Context Level Diagram. The main functions carried out by the system, break-down of the high-level process of the context diagram into its sub-process.
- **DFD Level 2:**
  This goes one step deeper into parts of level 1. It may require more text to reach the necessary level of detail about the system's functioning.

3.1.2 USE CASE DIAGRAM



3.1.3 SEQUENCE DIAGRAM:

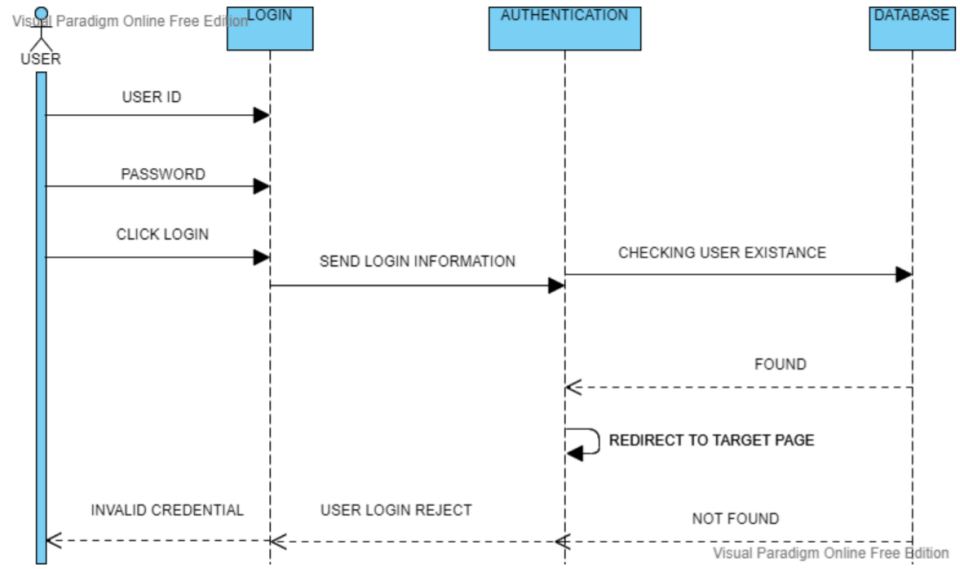
Sequence Diagrams: Sequence Diagrams display the time sequence of the objects participating in the interaction. This consists of the vertical dimension (time) and horizontal dimension (different objects).

Object: Object can be viewed as an entity at a particular point in time with a specific value and as a holder of identity that has different values over time.

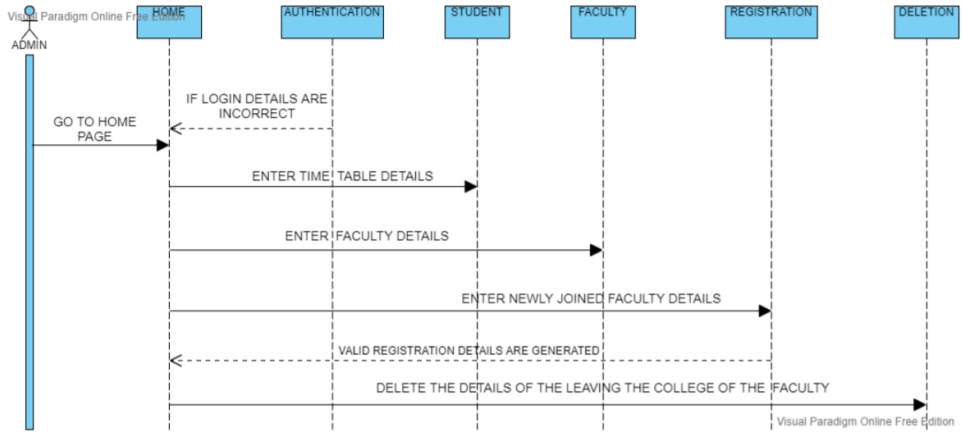
Actor: An Actor represents a coherent set of roles that users of a system play when interacting with the use cases of the system.

Message: A Message is sending of a signal from one sender object to other receiver objects.

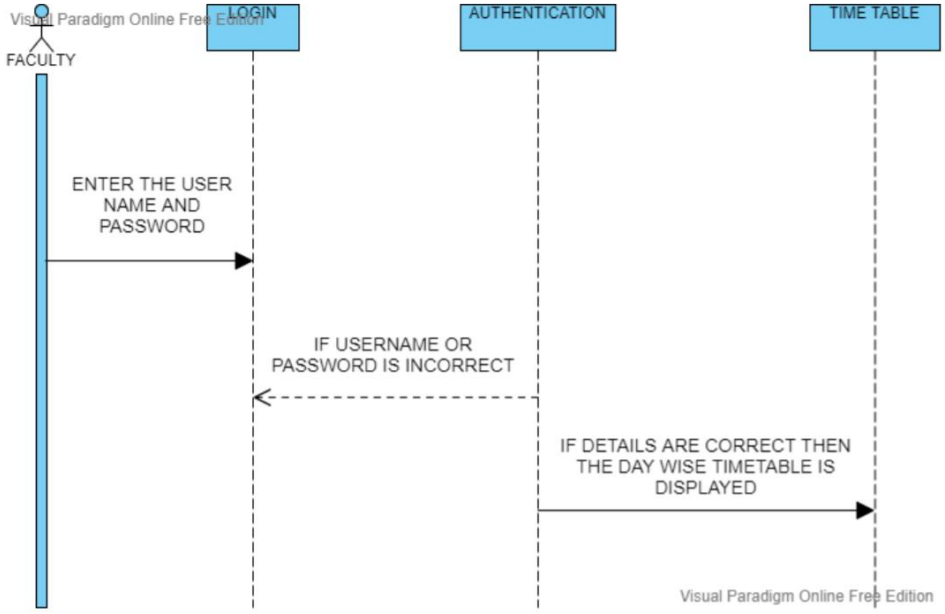
LOGIN:



ADMIN:



FACULTY:



3.1.4 COLLABORATION DIAGRAMS:

Collaboration Diagram displays an interaction organized around the objects and their links to one another. Numbers are used to show the sequence of messages. Collaboration diagram is the dynamic behavior of the objects in addition to sequence diagrams.

The transformation form of a sequence diagram into a collaboration diagram is a bi-directional function. The difference between the sequence and collaboration diagrams is that the collaboration diagram emphasizes more on the structure than the sequence of interactions.

Collaboration diagram have two features:

- There is a path to indicate how one object is linked to another.

There is a sequence number to indicate the time order of messages.

3.1.5 State Chart Diagram:

A state chart diagram describes a state machine which shows the behavior of classes. It shows the actual changes in state not processes or commands that create those changes and is the dynamic behavior of objects overtime by modeling the lifecycle of objects of each class.

It describes how an object is changing from one state to another state. There are mainly two states in state chart diagram:

- Initial state
- Final state

Some of the components of State Chart Diagram are:

State: It is a condition or situation in lifecycle of an object during which it satisfies same condition or performs some activity or waits for some event.

Transition: It is a relationship between two states indicating that object in first state performs some action and enters into the nextstate.

Event: An event is specification of significant occurrence that has a location in tome and space.

3.1.6 Activity Diagram:

An activity diagram shows the flow from activity to activity. An activity is a going non-atomic execution within a state machine. An activity results in some action, results in a change of state or return of a value.

Activity Diagram commonly contains:

- Activity states and action states
- Transitions
- Objects, it may contain nodes and constraint

Activity states and action states: An executable atomic computation is called action state, which cannot be decomposed. Activity state is non-atomic, decomposable and takes some duration to execute.

Transition: It is a path from one state to the next state, represented as simple directed line.

Branching: When an alternate path exists, branching arises which is represented by open diamond. It has a incoming transition, two or more outgoing transitions.

Forking and Joining: The synchronization bar when split one flow into two or more flows is called fork. When two or more flows are combined at synchronization bar, the bar is called join.

Swim Lanes: Group work flow is called swim lanes. All groups are portioned by vertical solid lines. Each swim lane specifies locus of activities and has a unique name. Each swim lane is implemented by one or more classes. Transition may occur between objects across swim lanes.

3.1.7 COMPONENT DIAGRAM:

Component Diagram describes the organization and wiring of the Physical Components in a system. It can be presented to key project state holders and implementation staff.

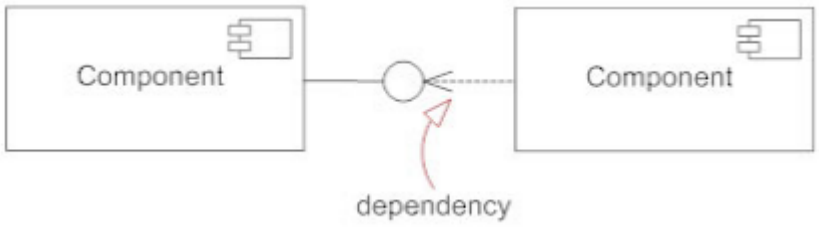
Component Diagram can be used:

- To model the components of a system.
- To model the database schema.
- To model the executability of an application.
- To model the system source code.

Component Diagram Symbols and Notations are as follows:

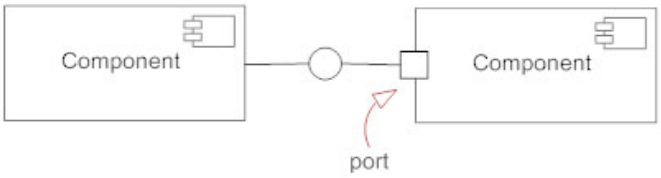
Component:

A component is a logical unit block of the system, a slightly higher abstraction than classes. It is represented as a rectangle with a smaller rectangle in the upper right corner with tabs or the word written above the name of the component to help distinguish it from a class.



Port:

Ports are represented using a square along the edge of the system or a component. A port is often used to help expose required and provided interfaces of a component.



3.1.8 DEPLOYMENT DIAGRAM:

Deployment Diagram is used to visualize the Topology of the physical component of a system, where the software components are deployed.

A Deployment Diagram consists of Nodes and their relationships. Deployment Diagram is used to show how they are deployed in hardware.

These are useful for System Engineers. An efficient Deployment Diagram is necessary as it controls the performance, maintainability and portability.

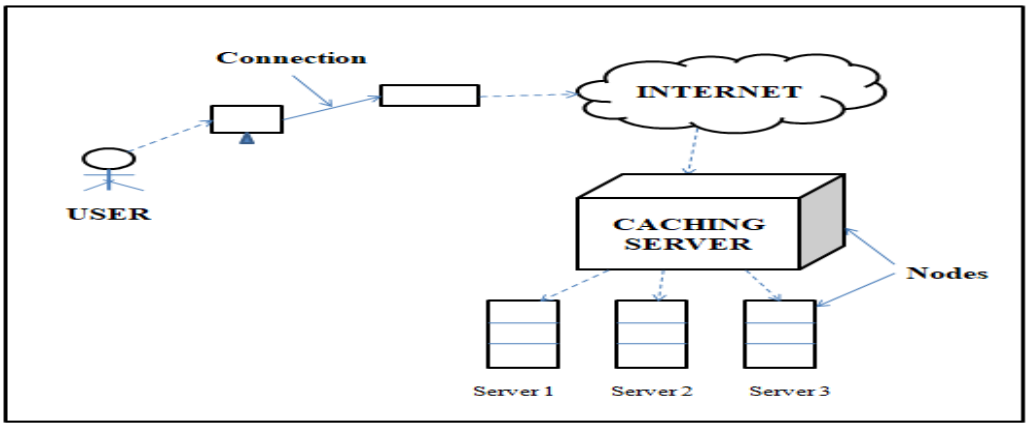


FIG 3.2.9.1: Deployment Diagram for Time Table management system

4.DATABASE DESIGN

4.1 Database:

A database is an organized collection of data, generally stored and accessed electronically from a computer system. Where databases are more complex, they are often developed using formal design and modeling techniques.

The database management system (DBMS) is the software that interacts with end users, applications, and the database itself to capture and analyze the data. The DBMS software additionally encompasses the core facilities provided to administer the database. The sum total of the database, the DBMS and the associated applications can be referred to as a "database system". Often the term "database" is also used to loosely refer to any of the DBMS, the database system or an application associated with the database.

4.2 ER Diagram:

An Entity Relationship Diagram (ERD) is a visual representation of different entities within a system and how they relate to each other.ER-modeling is a data modeling technique used in software engineering to produce a conceptual data model of an information system. Diagrams created using this ER-modeling technique are called Entity-Relationship Diagrams, or ER diagrams or ERDs. So, you can say that Entity Relationship Diagrams illustrate the logical structure of databases.

ERDs show entities in a database and relationships between tables within that database. It is essential to have ER-Diagrams if you want to create a good database design. The diagrams help focus on how the database actually works.

ER modeling is one of the most cited papers in the computer software field. Currently the ER model serves as the foundation of many system analysis and design methodologies, computer-aided software engineering (CASE) tools, and repository system.

4.2.1 Elements in ER diagram:

Entity relationship diagrams are used in software engineering during the planning stages of the software project. They help to identify different system elements and their relationships with each other. It is often used as the basis for data flow diagrams or DFD's as they are commonly known.

The basic elements in ER-Diagrams:

- **Entity:**

  Entities are the "things" for which we want to store information. An entity is a person, place, thing or event. Entity can be represented with Rectangles.

- **Attributes:**

  Attributes are the data we want to collect for an entity. An attribute is a property, trait, or characteristic of an entity, relationship, or another attribute. Attributes are represented by Oval shapes.

- **Relationships:**

  Relationships describe the relations between the entities. ERDs show entities in a database and relationships between tables within that database. It is essential to have ER-Diagrams if you want to create a good database design. The diagrams help focus on how the database actually works.

- **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 attributed to form the primary key.

- **Multi-valued 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 from an attribute having its own attributes.

4.2.2 How to Draw ER Diagrams:

Below points show how to go about creating an ER diagram.

- Identify all the entities in the system. An entity should appear only once in a particular diagram. Create rectangles for all entities and name them properly.
- Identify relationships between entities. Connect them using a line and add a diamond in the middle describing the relationship.
- Add attributes for entities. Give meaningful attribute names so they can be understood easily.

4.3 DATABASE TABLES:

```
SELECT * FROM `faculty_email`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	fmail	password	fname
Edit Copy Delete	1	gjagadish.cse@anits.edu.in	Anits@123	Dr.G.JAGADISH
Edit Copy Delete	2	lakshmi.cse@anits.edu.in	Anits@123	S.V.S.S.LAKSHMI
Edit Copy Delete	3	priyanka.cse@anits.edu.in	Anits@123	S S N L PRIYANKA
Edit Copy Delete	4	bosubabu.cse@anits.edu.in	Anits@123	S.BOSE BABU
Edit Copy Delete	5	pkrishna.cse@anits.edu.in	Anits@123	P.KRISHNAJANEYULU
Edit Copy Delete	6	yogeshbavana.tnp@anits.edu.in	Anits@123	MR.B YOGESH
Edit Copy Delete	7	raffee.tnp@anits.edu.in	Anits@123	MR.RAFFEE SHAIK
Edit Copy Delete	8	lokeswari.cse@anits.edu.in	Anits@123	N LOKESWARI
Edit Copy Delete	9	sratankumar.cse@anits.edu.in	Anits@123	S.RATAN KUMAR
Edit Copy Delete	10	pranitha.cse@anits.edu.in	Anits@123	G.PRANITHA
Edit Copy Delete	11	sivajyothi.cse@anits.edu.in	Anits@123	B.SIVA JYOTHI
Edit Copy Delete	12	mahesh.cse@anits.edu.in	Anits@123	B.MAHESH
Edit Copy Delete	13	gvgayathri.cse@anits.edu.in	Anits@123	G V GAYATHRI
Edit Copy Delete	14	rupeshkumar.cse@anits.edu.in	Anits@123	CH.RUPESH KUMAR
Edit Copy Delete	15	kchandrasekhar.cse@anits.edu.in	Anits@123	K.CHANDRA SEKHAR

```
SELECT * FROM `iii_cse_a`
```

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Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	day	p1	p2	p3	p4	p5	p6	p7
Edit Copy Delete	1	Monday	CD	WT	SE	ADS	SE/OST Lab	SE/OST Lab	SE/OST Lab
Edit Copy Delete	2	Tuesday	WT	CA	CD	SE	ADS	CHOURS	SPORTS
Edit Copy Delete	3	Wednesday	ADS	CA	WT	CD	SE	CHOURS	LIBRARY
Edit Copy Delete	4	Thursday	SE	ADS	CA	CD	WT	VA	VA
Edit Copy Delete	5	Friday	QA	QA	CA	WT	SE/OST Lab	SE/OST Lab	SE/OST Lab
Edit Copy Delete	6	Saturday	CA	CD	SE	ADS	CP	CP	CP

```
SELECT * FROM `iii_cse_a_faculty`
```

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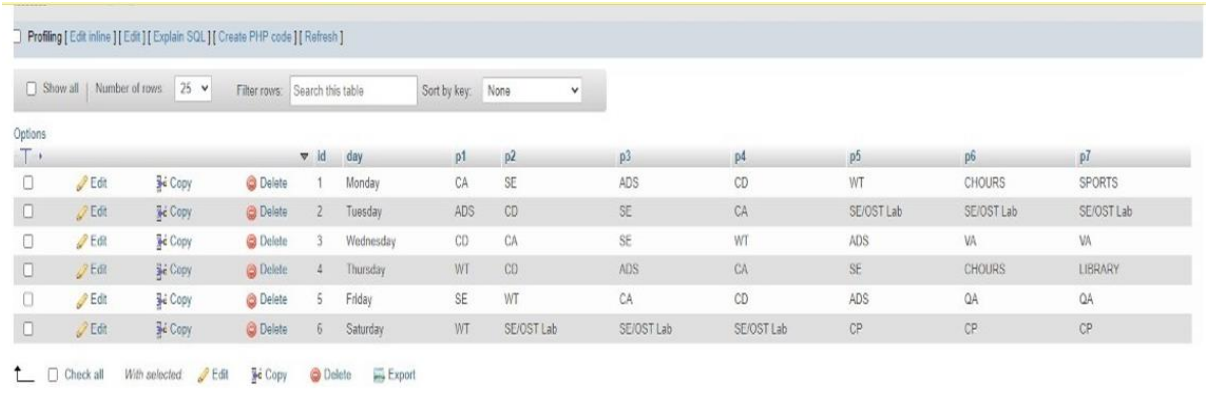
Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	sname	fname
Edit Copy Delete	1	CA	Dr.G.JAGADISH
Edit Copy Delete	2	CD	S S N L PRIYANKA
Edit Copy Delete	3	SE	S.V.S.S.LAKSHMI
Edit Copy Delete	4	WT	S.BOSE BABU
Edit Copy Delete	5	ADS	P.KRISHNAJANEYULU
Edit Copy Delete	6	QA	MR.B YOGESH
Edit Copy Delete	7	VA	MR.RAFFEE SHAIK
Edit Copy Delete	8	SE/OST Lab	S.BOSE BABU
Edit Copy Delete	9	SE/OST Lab	S.V.S.S.LAKSHMI



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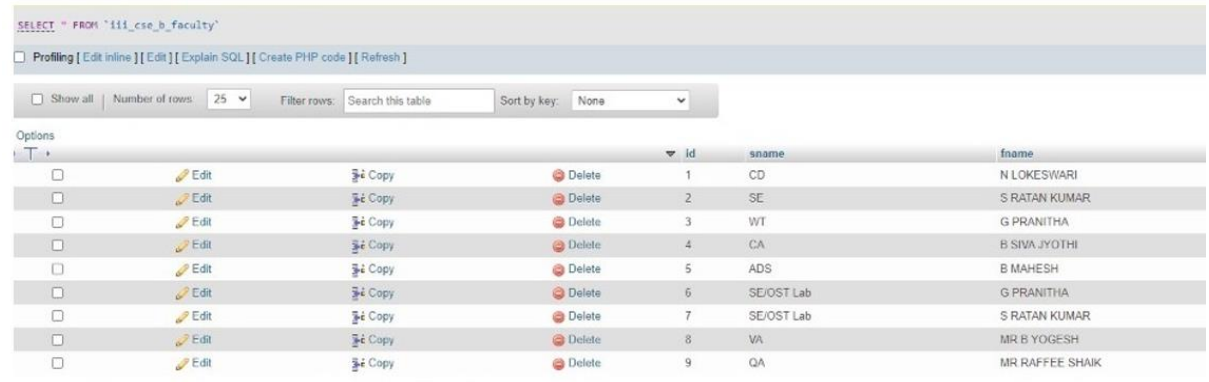
Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	day	p1	p2	p3	p4	p5	p6	p7
Edit Copy Delete	1	Monday	CA	SE	ADS	CD	WT	CHOURS	SPORTS
Edit Copy Delete	2	Tuesday	ADS	CD	SE	CA	SE/OST Lab	SE/OST Lab	SE/OST Lab
Edit Copy Delete	3	Wednesday	CD	CA	SE	WT	ADS	VA	VA
Edit Copy Delete	4	Thursday	WT	CD	ADS	CA	SE	CHOURS	LIBRARY
Edit Copy Delete	5	Friday	SE	WT	CA	CD	ADS	QA	QA
Edit Copy Delete	6	Saturday	WT	SE/OST Lab	SE/OST Lab	SE/OST Lab	CP	CP	CP

Check all With selected: Edit Copy Delete Export



```
SELECT * FROM `iii_cse_b_faculty`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	sname	fname
Edit Copy Delete	1	CD	N LOKESWARI
Edit Copy Delete	2	SE	S RATAN KUMAR
Edit Copy Delete	3	WT	G PRANITHA
Edit Copy Delete	4	CA	B SIVA JYOTHI
Edit Copy Delete	5	ADS	B MAHESH
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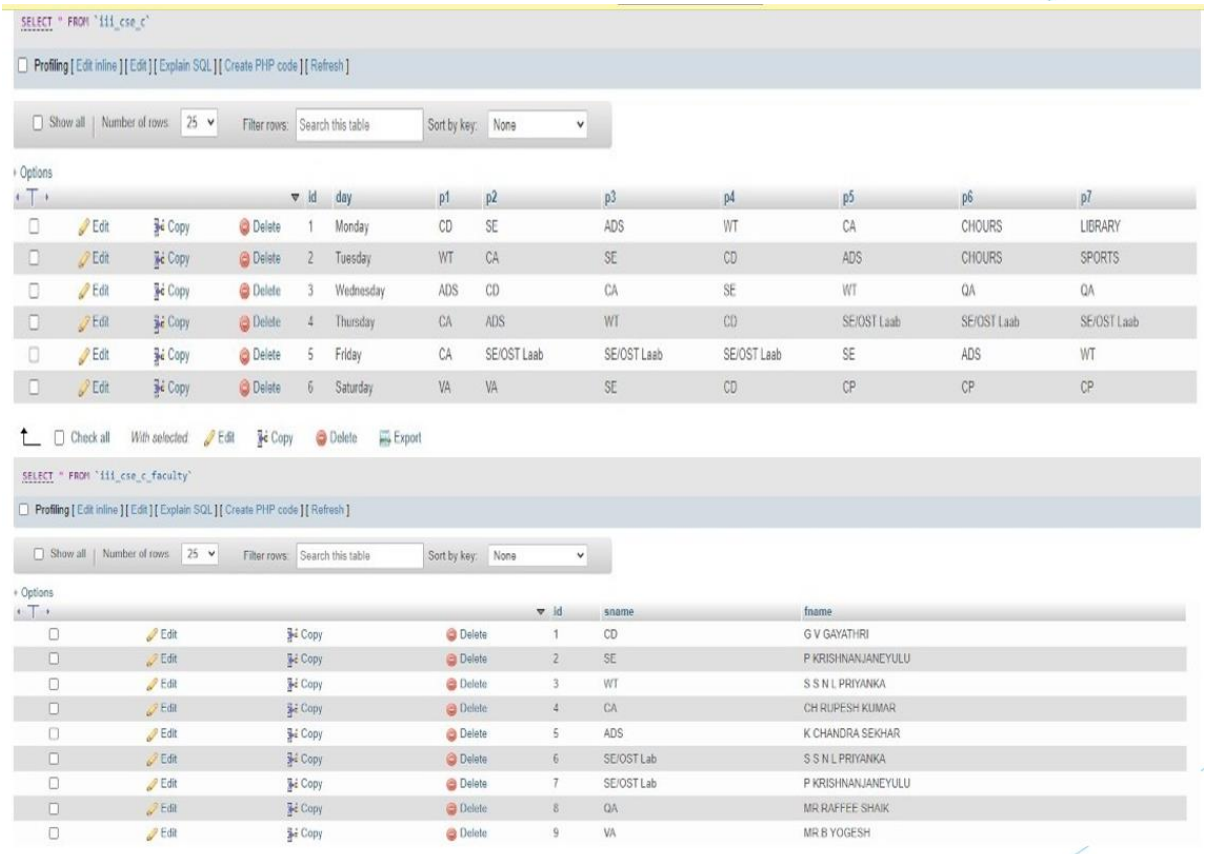
Edit Copy Delete	7	SE/OST Lab	S RATAN KUMAR
Edit Copy Delete	8	VA	MR B YOGESH
Edit Copy Delete	9	QA	MR RAFFEE SHAIK



```
SELECT * FROM `iii_cse_c`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	day	p1	p2	p3	p4	p5	p6	p7
Edit Copy Delete	1	Monday	CD	SE	ADS	WT	CA	CHOURS	LIBRARY
Edit Copy Delete	2	Tuesday	WT	CA	SE	CD	ADS	CHOURS	SPORTS
Edit Copy Delete	3	Wednesday	ADS	CD	CA	SE	WT	QA	QA
Edit Copy Delete	4	Thursday	CA	ADS	WT	CD	SE/OST Laab	SE/OST Laab	SE/OST Laab
Edit Copy Delete	5	Friday	CA	SE/OST Laab	SE/OST Laab	SE/OST Laab	SE	ADS	WT
Edit Copy Delete	6	Saturday	VA	VA	SE	CD	CP	CP	CP

Check all With selected: Edit Copy Delete Export

```
SELECT * FROM `iii_cse_c_faculty`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Options

	id	sname	fname
Edit Copy Delete	1	CD	G V GAYATHRI
Edit Copy Delete	2	SE	P KRISHNANJANEYULU
Edit Copy Delete	3	WT	S S N L PRIYANKA
Edit Copy Delete	4	CA	CH RUPESH KUMAR
Edit Copy Delete	5	ADS	K CHANDRA SEKHAR
Edit Copy Delete	6	SE/OST Lab	S S N L PRIYANKA
Edit Copy Delete	7	SE/OST Lab	P KRISHNANJANEYULU
Edit Copy Delete	8	QA	MR RAFFEE SHAIK
Edit Copy Delete	9	VA	MR B YOGESH

5.IMPLEMENTATION

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence on the system for the users that will work efficiently and effectively. The system will be implemented only after through testing and if its found to work according to the specification.

5.1 Overview of Software Used:

HTML:

Hypertext Markup Language (**HTML**) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web.

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.

CSS:

Stands for "Cascading Style Sheet". Cascading style sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML.

CSS helps Web developers create a uniform look across several pages of a Web site. Instead of defining the style of each table and each block of text within a page's HTML, commonly used styles need to be defined only once in a CSS document. Once the style is defined in cascading style sheet, it can be used by any page that references the CSS file. Plus, CSS makes it easy to change styles across several pages at once. For example, a Web developer may want to increase the default text size from 10pt to 12pt for fifty pages of a Web site. If the pages all reference the same style sheet, the text size only needs to be changed on the style sheet and all the pages will show the larger text.

While CSS is great for creating text styles, it is helpful for formatting other aspects of Web page layout as well. For example, CSS can be used to define the cell padding of table cells, the style, thickness, and color of a table's border, and the padding around images or other objects. CSS gives Web developers more exact control over how Web pages will look than HTML does. This is why most Web pages today incorporate cascading style sheets.

PHP:

Php started out as a small open source project that evolved as more and more people found that how useful it was. Rasmus Lerdorf unleashed the first version of PHP in 1984.

PHP stands for Hypertext Pre-processor.

PHP performs system functions, i.e. from files on a system it can create, open, read, write, and close them.

- PHP can handle forms, i.e. gather data from files, save data to a file, through email you can send data, return data to the user.
- You add, delete, modify elements within your database through PHP.
- Access cookies variables and set cookies.
- Using PHP, you can restrict users to access some pages of your website.
- It can encrypt data.

MYSQL:

MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. MySQL is becoming so popular because of many good reasons –

- MySQL is released under an open-source license. So you have nothing to pay to use it.
- MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.
- MySQL uses a standard form of the well-known SQL data language.

MySQL works on many operating systems and with many languages

- including PHP, PERL, C, C++, JAVA, etc.
- MySQL works very quickly and works well even with large data sets.
- MySQL is very friendly to PHP, the most appreciated language for web development.
- MySQL supports large databases, up to 50 million rows or more in a table. The default file size limit for a table is 4GB, but you can increase this (if your operating system can handle it) to a theoretical limit of 8 million terabytes (TB).
- MySQL is customizable. The open-source GPL license allows programmers to modify the MySQL software to fit their own specific environments.

5.2 Coding:

Logingdb.php

```
<?php
include_once 'db.php';
session_start();
$email = $_POST['email'];
$pass = $_POST['password'];
$_SESSION['email']=$email;
    if($conn->connect_error){
            echo "$conn->connect_error";
            die("Connection Failed : ". $conn->connect_error);
      }
    else {
```

```
        $query = "SELECT * FROM faculty_email WHERE fmail = '$email' AND password =
'$pass'";
            $user = mysqli_query($conn, $query);
         if (mysqli_num_rows($user) == 1) {
           header("refresh:1;url=outputphp.php");
          }
       else
       {
          echo 'your credentials are wrong';
          header("refresh:4; url=start.php");
       }
       }
?>
```

1section.php

```
<!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>Document</title>
   <link rel="stylesheet" href="includes/table.css?v=<?php echo time(); ?>">
</head>
<body>

   <div class="header">
      <img src="includes/images/anits-logo-w.png">
      <center><h1>TIME TABLE</h1></center>
```

```
    <form  action="start.php" target="_parent" method="post">
        <button class="logout" type="submit">Logout</button>
    </form>
</div>
<div class="content">

    <form method="POST" action="sectionphp.php">
        <div class="options">
            <label for="year">Choose a Year:</label>
            <select id="#" name="year">
                <option value="i">I</option>
            </select>

            <label for="branch">Choose a Branch:</label>
            <select id="#" name="branch">
                <option value="cse">CSE</option>
                <option value="EEE">EEE</option>
                <option value="CIVIL">CIVIL</option>
                <option value="MECH">MECH</option>
                <option value="ECE">ECE</option>
            </select>

            <label for="section">Choose a Section:</label>
            <select id="#" name="section">
                <option value="a">A</option>
                <option value="b">B</option>
                <option value="c">C</option>
            </select>
        </div>
        <div class="time">
```

```
<center><table  align="center">

   <thead>
      <tr>
         <th align="center" ><br>
            <b>Day/Period</b><br>
         </th>

         <th align="center" >
            <b>I <br> 8:40-9:30</b>
         </th>

         <th align="center" >
            <b>II<br>9:30-10:20</b>
         </th>

         <th align="center" >
            <b>III<br>10:20-11:10</b>
         </th>

         <th align="center" >
            <b>11:10-12:00</b>
         </th>

         <th align="center" >
            <b>IV</br>12:00-12:50</b>
         </th>

         <th align="center" >
```

```
            <b>V<br>12:50-1:40</b>
        </th>

        <th align="center" >
            <b>VI<br>1:40-2:30</b>
        </th>

        <th align="center" >
            <b>VII<br>2:30-3:20</b>
        </th>
    </tr>
</thead>
<tbody>

    <tr>
        <td align="center" height="50">
            <p>Monday</p>
        </td>

        <td align="center" height="50">
            <input type="text" name="mp1" size="4">
        </td>

        <td align="center" height="50">
            <input type="text" name="mp2" size="4">
        </td>

        <td align="center" height="50">
            <input type="text" name="mp3" size="4">
        </td>
```

```
    <td rowspan="6" align="center" height="50">
      <h2>L<br>U<br>N<br>C<br>H</h2>
    </td>
    <td align="center" height="50" >
      <input type="text" name="mp4" size="4">
    </td>



    <td align="center" height="50" >
      <input type="text" name="mp5" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="mp6" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="mp7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Tuesday</p>
    </td>

    <td align="center" height="50">
      <input type="text" name="tup1" size="4">
    </td>
```

```
    <td align="center" height="50">
      <input type="text" name="tup2" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="tup3" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="tup4" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="tup5" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="tup6" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="tup7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Wednesday</p>
    </td>
```

```
<td align="center" height="50">
  <input type="text" name="wp1" size="4">
</td>

<td align="center" height="50">
  <input type="text" name="wp2" size="4">
</td>

<td align="center" height="50">
  <input type="text" name="wp3" size="4">
</td>

<td align="center" height="50" >
  <input type="text" name="wp4" size="4">
</td>

<td align="center" height="50" >
  <input type="text" name="wp5" size="4">
</td>

<td align="center" height="50" >
  <input type="text" name="wp6" size="4">
</td>

<td align="center" height="50" >
  <input type="text" name="wp7" size="4">
</td>
</tr>
```

```
<tr>
   <td align="center" height="50">
      <p>Thursday</p>
   </td>

   <td align="center" height="50">
      <input type="text" name="thp1" size="4">
   </td>

   <td align="center" height="50">
      <input type="text" name="thp2" size="4">
   </td>

   <td align="center" height="50">
      <input type="text" name="thp3" size="4">
   </td>

   <td align="center" height="50" >
      <input type="text" name="thp4" size="4">
   </td>

   <td align="center" height="50" >
      <input type="text" name="thp5" size="4">
   </td>

   <td align="center" height="50" >
      <input type="text" name="thp6" size="4">
   </td>

   <td align="center" height="50" >
```

```
        <input type="text" name="thp7" size="4">
    </td>
</tr>

<tr>
    <td align="center" height="50">
        <p>Friday</p>
    </td>

    <td align="center" height="50">
        <input type="text" name="fp1" size="4">
    </td>

    <td align="center" height="50">
        <input type="text" name="fp2" size="4">
    </td>

    <td align="center" height="50">
        <input type="text" name="fp3" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="fp4" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="fp5" size="4">
    </td>

    <td align="center" height="50" >
```

```
        <input type="text" name="fp6" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="fp7" size="4">
    </td>
</tr>

<tr>
    <td align="center" height="50">
        <p>Saturday</p>
    </td>

    <td align="center" height="50">
        <input type="text" name="sp1" size="4">
    </td>

    <td align="center" height="50">
        <input type="text" name="sp2" size="4">
    </td>

    <td align="center" height="50">
        <input type="text" name="sp3" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="sp4" size="4">
    </td>

    <td align="center" height="50" >
```

```
                    <input type="text" name="sp5" size="4">
                </td>

                <td align="center" height="50" >
                    <input type="text" name="sp6" size="4">
                </td>

                <td align="center" height="50" >
                    <input type="text" name="sp7" size="4">
                </td>
            </tr>

        </tbody>
    </table></center>
    <div class="btn-grp">
        <center>
            <button  class="buttons" type="submit" name="button"  >
                <b>Submit</b>
            </button> 
            <button  class="buttons" type="reset" name="button"  >
                <b>Reset</b>
            </button>
        </center>
    </div>
  </div>
 </form>
</div>
</body>
</html>
```

Admindb.php

```
<?php
include_once 'db.php';
$id = $_POST['adminid'];
$pass = $_POST['password'];
if($conn->connect_error){
      echo "$conn->connect_error";
      die("Connection Failed : ". $conn->connect_error);
}
else {
     if ($id=="admin" && $pass=="admin")
      {
         header("Location:frame.php");
      }
      else{
         echo "<script> alert('invalid username or password')</script>";
          header("refresh:0; url=start.php");
      }
}
?>
```

db.php

```
<?php
$dbServername="localhost";
$dbUsername="root";
$dbPassword="";
$dbName="timetable";
$conn =mysqli_connect($dbServername,$dbUsername,$dbPassword,$dbName);
?>
```

Faculty.php

```
<html>
<head>
<link rel="stylesheet" href="includes/faculty.css?v=<?php echo time(); ?>" >
</head>
 <body>
<div class="content">
   <div class="logout-btn">
 <form  action="start.php" target="_parent" method="post">
                <button class="logout" type="submit">LOGOUT</button>
          </form>
</div>
    <form action="facultyphp.php" method="POST">
    <div class="options">
            <label for="year">Choose a Year:</label>
            <select id="#" name="year">
               <option value="i">I</option>
               <option value="ii">II</option>
               <option value="iii">III</option>
               <option value="iv">IV</option>
            </select>

            <label for="branch">Choose a Branch:</label>
            <select id="#" name="branch">
               <option value="cse">CSE</option>
               <option value="EEE">EEE</option>
               <option value="CIVIL">CIVIL</option>
               <option value="MECH">MECH</option>
               <option value="ECE">ECE</option>
            </select>
```

```
    <label for="section">Choose a Section:</label>
    <select id="#" name="section">
      <option value="a">A</option>
      <option value="b">B</option>
      <option value="c">C</option>
    </select>
</div>
 <table align="center" border="2" cellspacing="2" cellpadding="2">
        <thead>
          <tr>
          <center><th>SUBJECT NAME</th></center>
          <center><th>FACULTY</th></center>
          </tr>
          <tr>
        </thead>

        <tbody>
          <td><input type="text" name="sname1"></td>
          <td><input type="text" name="fname1"></td>
          </tr>
          <tr>
          <td><input type="text" name="sname2"></td>
          <td><input type="text" name="fname2"></td>
          </tr>
          <tr>
          <td><input type="text" name="sname3"></td>
          <td><input type="text" name="fname3"></td>
          </tr>
          <tr>
```

```
<td><input type="text" name="sname4"></td>
<td><input type="text" name="fname4"></td>
</tr>
<tr>
<td><input type="text" name="sname5"></td>
<td><input type="text" name="fname5"></td>
</tr>
<tr>
<td><input type="text" name="sname6"></td>
<td><input type="text" name="fname6"></td>
</tr>
<tr>
<td><input type="text" name="sname7"></td>
<td><input type="text" name="fname7"></td>
</tr>
<tr>
<td><input type="text" name="sname8"></td>
<td><input type="text" name="fname8"></td>
</tr>
<tr>
<td><input type="text" name="sname9"></td>
<td><input type="text" name="fname9"></td>
</tr>
</tbody>
</table><br><br>

<center><button class="buttons" type="submit" >Submit</button></center>
</form>
```

```
            </div>
 </body>
</html>
```

Facultyphp.php

```
<?php
include_once 'db.php';
$year=$_POST['year'];
$branch=$_POST['branch'];
$sec=$_POST['section'];

   $a=$year."_".$branch."_".$sec."_faculty";

$sname1=$_POST['sname1'];
$fname1=$_POST['fname1'];
$sname2=$_POST['sname2'];
$fname2=$_POST['fname2'];
$sname3=$_POST['sname3'];
$fname3=$_POST['fname3'];
$sname4=$_POST['sname4'];
$fname4=$_POST['fname4'];
$sname5=$_POST['sname5'];
$fname5=$_POST['fname5'];
$sname6=$_POST['sname6'];
$fname6=$_POST['fname6'];
$sname7=$_POST['sname7'];
$fname7=$_POST['fname7'];
$sname8=$_POST['sname8'];
$fname8=$_POST['fname8'];
$sname9=$_POST['sname9'];
```

```
$fname9=$_POST['fname9'];



$query = "SELECT * FROM $a";
$result = mysqli_query($conn,$query) or die ("Error in query: $query. ".mysql_error());

if(mysqli_num_rows($result) > 0)
{
   $sql="UPDATE $a SET sname='$sname1' ,fname='$fname1' WHERE id='1'";
   mysqli_query($conn,$sql);
   $sql="UPDATE $a SET sname='$sname2' ,fname='$fname2' WHERE id='2'";
   mysqli_query($conn,$sql);
   $sql="UPDATE $a SET sname='$sname3' ,fname='$fname3' WHERE id='3'";
   mysqli_query($conn,$sql);
   $sql="UPDATE $a SET sname='$sname4' ,fname='$fname4' WHERE id='4'";
   mysqli_query($conn,$sql);
   $sql="UPDATE $a SET sname='$sname5' ,fname='$fname5' WHERE id='5'";
   mysqli_query($conn,$sql);
   $sql="UPDATE $a SET sname='$sname6' ,fname='$fname6' WHERE id='6'";
   mysqli_query($conn,$sql);
   $sql="UPDATE $a SET sname='$sname7' ,fname='$fname7' WHERE id='7'";
   mysqli_query($conn,$sql);
   $sql="UPDATE $a SET sname='$sname8' ,fname='$fname8' WHERE id='8'";
   mysqli_query($conn,$sql);
   $sql="UPDATE $a SET sname='$sname9' ,fname='$fname9' WHERE id='9'";
   mysqli_query($conn,$sql);
}
else
{
   $sql="INSERT INTO $a (sname,fname) VALUES ('$sname1','$fname1') ;";
```

```
        mysqli_query($conn,$sql);
    $sql="INSERT INTO $a (sname,fname) VALUES ('$sname2','$fname2') ;";
        mysqli_query($conn,$sql);
    $sql="INSERT INTO $a (sname,fname) VALUES ('$sname3','$fname3') ;";
        mysqli_query($conn,$sql);
    $sql="INSERT INTO $a (sname,fname) VALUES ('$sname4','$fname4') ;";
        mysqli_query($conn,$sql);
    $sql="INSERT INTO $a (sname,fname) VALUES ('$sname5','$fname5') ;";
        mysqli_query($conn,$sql);
    $sql="INSERT INTO $a (sname,fname) VALUES ('$sname6','$fname6') ;";
        mysqli_query($conn,$sql);
    $sql="INSERT INTO $a (sname,fname) VALUES ('$sname7','$fname7') ;";
        mysqli_query($conn,$sql);
    $sql="INSERT INTO $a (sname,fname) VALUES ('$sname8','$fname8') ;";
        mysqli_query($conn,$sql);
    $sql="INSERT INTO $a (sname,fname) VALUES ('$sname9','$fname9') ;";
        mysqli_query($conn,$sql);

}
header("refresh:1; url=faculty.php")
?>
```

Fmail.php

```
<html>
    <head>
        <link rel="stylesheet" href="includes/fmail.css">
    </head>
    <body>
        <div class="logout-btn">
            <form  action="start.php" target="_parent" method="post">
```

```
            <button class="logout" type="submit">LOGOUT</button></br>
        </form>
    </div>

    <div class="content">
        <form action="fmailphp.php" method="POST">
            <table align="center" border="2" cellspacing="2" cellpadding="2">
                <thead>
                    <tr>
                        <th>E-mail</th>
                        <th>Password</th>
                        <th>Faculty Name</th>
                    </tr>
                </thead>

                <tbody>
                    <tr>
                        <td><input type="text" name="fmail"></td>
                        <td><input type="text" name="pass"></td>
                        <td><input type="text" name="fname"></td>
                    </tr>
                </tbody>
            </table><br><br>

            <center><button class="buttons" type="submit"
name="insert">Submit</button></center>
        </form>

        <form action="fmailphp.php" method="POST">
            <table align="center" border="2" cellspacing="2" cellpadding="2">
                <tr>
```

```
                <th>E-mail</th>
            </tr>

            <tr>
                <td><input type="text" name="fmail"></td>
            </tr>
        </table><br><br>

        <center><button class="buttons" type="submit"
name="delete">Delete</button></center>
    </form>
  </div>
 </body>
</html>
```

Fmaildphp.php

```
<?php
include_once 'db.php';
$query = "SELECT * FROM ii_cse_a";
// execute query
$result = mysqli_query($conn,$query) or die ("Error in query: $query. ".mysql_error());
if (mysqli_num_rows($result) > 0) {
 echo "Table is not Empty";
}
else echo "Table is Empty";
/*
  $sql="SELECT COUNT(id) FROM ii_cse_a";
  $sql = "SELECT * FROM faculty_email";
 $result = mysqli_query($conn,$sql) or die(mysqli_error($conn));
$rows = $result->fetch_all(MYSQLI_ASSOC);
```

```
foreach ($rows as $row) {
   printf("%s\n", $row["fmail"]);
   $v=$row["fname"];
   echo $v;
}
session_start();
while($row=mysql_fetch_array($result,MYSQL_BOTH)) {
   echo "<tr>";
   $id=$row['id'];
   $array[] = $id;
}
$_SESSION['id'] = $array;*/
?>
```

fmailphp.php

```
<?php
include_once 'db.php';
session_start();
$fmail=$_POST['fmail'];
$pass=$_POST['pass'];
$fname=$_POST['fname'];
$mails=array('');
$_SESSION['mails']=$mails;
array_push($mails,$fmail);
if(isset($_POST['insert']))
{
   $sql="INSERT INTO faculty_email (fmail,password,fname) VALUES
('$fmail','$pass','$fname') ;";
   mysqli_query($conn,$sql);
```

```
}

 if(isset($_POST['delete']))
 {
    $sql="Delete from faculty_email where fmail='$fmail';";
    mysqli_query($conn,$sql);
    for($i=0;$i<count($mails);$i++)
    {
       if($mails[$i]==$fmail)
       {
          unset($mails[$i]);
       }
    }
  }
 header("Location:fmail.php");
?>
```

frame.php

```
<html>
  <head>
    <title>Homepage</title>
  </head>


      <frameset cols="25%,75%" border="0">
        <frame name="2" src="left.php" noresize></frame>
        <frame name="3" src="right.html"></frame>
      </frameset>
</html>
```

frame.php

```
<!DOCTYPE html>
<html>
  <head>
    <title>Start Page</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <style>
      body {
            background: #555;
          }

      .content  {
                max-width: 1000px;
                height: 620px;
                margin: auto;
                background: white;
                padding: 10px;
              }

      .button {
                border-radius:25px;
                position: absolute;
                color: black;
                padding: 5px 25px;
                text-align: center;
                text-decoration: none;
                display: inline-block;
                font-size: 15px;
                margin: 4px 2px;
                margin-left:400px;
                cursor: pointer;
```

```
        }

    .button:hover{
            background-color: grey;
            color: white;
          }

    .mySlides {
            display:none;
            margin-left:5px;
           }

  </style>
 </head>
 <body>

   <div class="content">
   <h1 align="center">WELCOME TO<br>ANIL NEERUKONDA INSTITUTE OF</br>
TECHNOLOGY AND SCIENCES</h1>
     <div class="contents" style="max-width:500px">
      <img  class="mySlides" src="https://encrypted-
tbn0.gstatic.com/images?q=tbn:ANd9GcQiTlGCV728psDJkWjGvwYZFki5QIO4pRX1kA&
usqp=CAU" width="1000" height="430" align="center">
      <img  class="mySlides"
src="https://cse.anits.edu.in/sliderhome/images/rsz_dsc_0219.jpg" width="1000"
height="430">
      <img  class="mySlides" src="https://cse.anits.edu.in/headercse.jpg" width="1000"
height="430">
       <img  class="mySlides"
src="https://cse.anits.edu.in/sliderhome/images/rsz_dsc_0219.jpg" width="1000"
height="430">
      <form action="start.php"><button type="submit" value="home" class="button">Go To
Home Page</button></form>
```

```
    </div>
  </div>
  <script>
    var myIndex = 0;
    carousel();

    function carousel()
     {
        var i;
        var x = document.getElementsByClassName("mySlides");
        for (i = 0; i < x.length; i++)
        {
          x[i].style.display = "none";
        }
        myIndex++;
        if (myIndex > x.length) {myIndex = 1}
        x[myIndex-1].style.display = "block";
        setTimeout(carousel, 2000); // Change image every 2 seconds
     }
  </script>
 </body>
</html>
```

left.php

```
<!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">
```

```
    <link rel="stylesheet" href="includes/left.css">
    <title>Catagories</title>
</head>
<body>
    <div class="buttons">
        <div class="container">
        <img src="includes/images/student-btn.jpg" alt="" />
        <p class="title">Student</p>
        <div class="overlay"></div>
        <div class="button"><a href="year.php" style="text-decoration:none" target="3"> Click Here! </a></div>
        </div>

        <div class="container">
        <img src="includes/images/faculty-btn.jpg" alt="" />
        <p class="title">Faculty</p>
        <div class="overlay"></div>
        <div class="button"><a href="faculty.php" style="text-decoration:none" target="3"> Click Here! </a></div>
        </div>

        <div class="container">
        <img src="includes/images/register-btn.jpg" alt="" />
         <p class="title">Register</p>
        <div class="overlay"></div>
        <div class="button"><a href="fmail.php" style="text-decoration:none" target="3"> Click Here! </a></div>
        </div>
    </div>
</body>
</html>
```

logindb.php

```
<?php
include_once 'db.php';
session_start();
$email = $_POST['email'];
$pass = $_POST['password'];
$_SESSION['email']=$email;
        if($conn->connect_error){
                echo "$conn->connect_error";
                die("Connection Failed : ". $conn->connect_error);
        } else {
$query = "SELECT * FROM faculty_email WHERE fmail = '$email' AND password =
'$pass'";
      $user = mysqli_query($conn, $query);
      if (mysqli_num_rows($user) == 1) {
                header("refresh:1;url=outputphp.php");
  }
      else
      {
         echo 'your credentials are wrong';
         header("refresh:4; url=start.php");
      }
      }
?>
```

newEmptyPHP.php

```
<html>
   <head>
   <link rel="stylesheet" href="output_css.css" >
```

```
</head>
<body>
<a href="start.php"><button class="logout" >LOGOUT</button></a>
<form method="POST" action="outputphp.php">
   <center>
         <input type="date" id="date" name="birthday"> 
      <button class="go" type="submit" name="submit">Go</button>
   </center>




</form>
   <?php
   error_reporting(0);
   if(isset($_POST['submit']))
   {
      $date=$_POST['birthday'];
      $nameOfDay = date('l', strtotime($date));
      $day=$nameOfDay;
      $x=  ucfirst($day);
      echo "<h1>".str_repeat(" ",10).$x;
      $dates = date('d/m/Y', strtotime($date));
       echo "(".$dates.")"."</h1>";
   }
   else{

      $day=date("l");
      $x=  ucfirst($day);
      echo "<h1>".str_repeat(" ",10).$x;
      $today=date("Y-m-d");
```

```
    $dates = date('d/m/Y', strtotime($today));
    echo "(".$dates.")"."</h1>";
  }
  ?>
  <table align="center" border="1" cellspacing="0">

    <tr  bgcolor="b3ffe0">
      <th>FacultyName</th>
      <th>8:40 to 9:30</th>
      <th>9:30 to 10:20</th>
      <th>10:20 to 11:10</th>
      <th>11:10 to 12:00</th>
      <th>12:50 to 1:40</th>
      <th>1:40 to 2:30</th>
      <th>2:30 to 3:20</th>

    </tr>
```

```
<?php
  include_once 'db.php';
  error_reporting(0);
  session_start();
  /*$day=$_POST['Day'];*/
  $date=$_POST['birthday'];
  $day = date('l', strtotime($date));
```

```
$email=$_SESSION['email'];

$mails=$_SESSION['mails'];

echo $mails[15];

$p=  array('p1','p2','p3','p4','p5','p6','p7');

echo '<tr>';

$years=array('iii_cse_a','iii_cse_b','iii_cse_c');

$v="select * from faculty_email where fmail = '$email'";
$d=mysqli_query($conn,$v)or die(mysqli_error($conn));
$r = mysqli_fetch_assoc($d);
 echo "<td>".$r['fname']."</td>";
for($i=0;$i<7;$i++)
{
   $flag=0;
   for($j=0;$j<count($years);$j++)
   {
   $ftable=$years[$j]."_faculty";
    $sql="select * from $years[$j] where day = '$day' and $p[$i] in (select sname from
$ftable where fname in (select fname from faculty_email where fmail = '$email'))";
   $data=mysqli_query($conn,$sql)or die(mysqli_error($conn));
   $result = mysqli_fetch_assoc($data);

   if($result!="")
         {
           if($result[$p[$i]]==$result[$p[$i+1]]&&
$result[$p[$i+1]]==$result[$p[$i+2]])
```

```
                {
                  //"<center>".print "<td colspan=\"3\">SE/OST Lab</td>";."</center>"
                  echo '<td colspan="3" align="center">' .$result[$p[$i]]."<br>".$years[$j].
'</td>';
                  $i=$i+2;

                }
                else if($result[$p[$i]]==$result[$p[$i+1]])
                {
                  echo '<td colspan="2" align="center">' .$result[$p[$i]]."<br>".$years[$j].
'</td>';
                  $i=$i+1;
                }
                else
                {
                echo "<td>"."<center>".$result[$p[$i]]."<br>".$years[$j]."</center>"."</td>";
                }
               $flag=1;
               break;

             }

        }
        if($flag==0)
          {
           echo "<td>"."</td>";
           }
      }

      echo '</tr>';
      $sql = "SELECT * FROM faculty_email";
```

```
$d= mysqli_query($conn,$sql) or die(mysqli_error($conn));
foreach ($rows as $row)
   {
   echo '<tr>';
   $v=$row[fmail];
   $r=$row[fname];
   echo "<td>".$r."</td>";
      for($j=0;$j<7;$j++)
      {
         $flag=0;
        for($k=0;$k<count($years);$k++)
         {

         $ftable=$years[$k]."_faculty";

          $sq="select * from $years[$k] where day = '$day' and $p[$j] in (select sname
from $ftable where fname in (select fname from faculty_email where fmail = '$mails[$i]'))";
         $data=mysqli_query($conn,$sq)or die(mysqli_error($conn));
         $result = mysqli_fetch_assoc($data);

          if($result!="")
          {
             if($result[$p[$j]]==$result[$p[$j+1]]&&
$result[$p[$j+1]]==$result[$p[$j+2]])
             {
               //"<center>".print "<td colspan=\"3\">SE/OST Lab</td>";."</center>"
               echo '<td colspan="3" align="center">' .$result[$p[$j]]."<br>".$years[$k].
'</td>';
               $j=$j+2;
```

```
                    }
                    else if($result[$p[$j]]==$result[$p[$j+1]])
                    {
                      echo '<td colspan="2" align="center">' .$result[$p[$j]]."<br>".$years[$k].
'</td>';
                      $j=$j+1;
                    }
                    else
                    {
                    echo
"<td>"."<center>".$result[$p[$j]]."<br>".$years[$k]."</center>"."</td>";
                    }
                   $flag=1;
                   break;
                 }


                 }
                  if($flag==0)
                  {
                     echo "<td>"."</td>";
                  }
              }
              echo '</tr>';

          }

      header(" url=outputphp.php");
```

```
    ?>

        </table>
  </body>
</html>
```

output.php

```
<!DOCTYPE html>
<html>
  <style>
    select{
        margin-top: 10px;
        padding: 10px;
        border: none;
        background-color: #B6C9F0;
        padding: 5px;
        border-radius: 2px;
        font-family: "Poppins",sans-serif;
}

select option{
  font-family: "Poppins",sans-serif;
  border: none;
}

select option:hover{
  background-color: #8daae6;
}

button{
```

```
    font-family: "Poppins",sans-serif;
    font-size: 1em;
    font-weight: 400;
    background-color: #B6C9F0;
    border: none;
    padding: 3px;
    border-radius: 2px;
    width: 50px;
}
</style>
<body>

    <form method="POST" action="#.php">
        <center>
            <select id="Day" name="Days">
                <option value="monday">Monday</option>
                <option value="tuesday">Tuesday</option>
                <option value="wednesday">Wednesday</option>
                <option value="thursday">Thursday</option >
                <option value="friday">Friday</option>
                <option value="saturday">Saturday</option>
              </select>
          <button type="submit" name="submit">Go</button>
        </center>
    </form>
    </body>
</html>
```

outputphp.php

```
<html>
```

```
<head>
   <link rel="stylesheet" href="includes/output_css.css" >
</head>
<body>
<a href="start.php"><button class="logout" >LOGOUT</button></a>
<form method="POST" action="outputphp.php">
   <center>
         <input type="date" id="date" name="birthday"> 
      <button class="go" type="submit" name="submit">Go</button>
   </center>




</form>
   <?php
   error_reporting(0);
   if(isset($_POST['submit']))
   {
      $date=$_POST['birthday'];
      $nameOfDay = date('l', strtotime($date));
      $day=$nameOfDay;
      $x=  ucfirst($day);
      echo "<h1>".str_repeat(" ",10).$x;
      $dates = date('d/m/Y', strtotime($date));
       echo "(".$dates.")"."</h1>";
   }
   else{

      $day=date("l");
      $x=  ucfirst($day);
```

```
    echo "<h1>".str_repeat(" ",10).$x;
    $today=date("Y-m-d");
    $dates = date('d/m/Y', strtotime($today));
    echo "(".$dates.")"."</h1>";
  }
  ?>
  <table align="center" border="1" cellspacing="0">

    <tr  bgcolor="b3ffe0">
      <th>FacultyName</th>
      <th>8:40 to 9:30</th>
      <th>9:30 to 10:20</th>
      <th>10:20 to 11:10</th>
      <th>11:10 to 12:00</th>
      <th>12:50 to 1:40</th>
      <th>1:40 to 2:30</th>
      <th>2:30 to 3:20</th>

    </tr>




<?php
  include_once 'db.php';
  session_start();
  error_reporting(0);

  $email=$_SESSION['email'];
```

```
$s = "SELECT * FROM faculty_email";

$res = mysqli_query($conn,$s) or die(mysqli_error($conn));

$rows = $res->fetch_all(MYSQLI_ASSOC);
$fmail=$_SESSION['fmail'];

$p=  array('p1','p2','p3','p4','p5','p6','p7');

echo '<tr>';

$years=array('iii_cse_a','iii_cse_b','iii_cse_c');
 $v="select * from faculty_email where fmail = '$email'";
 $d=mysqli_query($conn,$v)or die(mysqli_error($conn));
 $r = mysqli_fetch_assoc($d);
 echo "<td>".$r['fname']."</td>";

for($i=0;$i<7;$i++)
{
   $flag=0;
   for($j=0;$j<count($years);$j++)
   {
   $ftable=$years[$j]."_faculty";
    $sql="select * from $years[$j] where day = '$day' and $p[$i] in (select sname from
$ftable where fname in (select fname from faculty_email where fmail = '$email'))";
   $data=mysqli_query($conn,$sql)or die(mysqli_error($conn));
   $result = mysqli_fetch_assoc($data);

   if($result!="")
         {
```

```
                if($result[$p[$i]]==$result[$p[$i+1]]&&
$result[$p[$i+1]]==$result[$p[$i+2]])
                {
                  //"<center>".print "<td colspan=\"3\">SE/OST Lab</td>";."</center>"
                  echo '<td colspan="3" align="center">' .$result[$p[$i]]."<br>".$years[$j].
'</td>';
                  $i=$i+2;

                }
                else if($result[$p[$i]]==$result[$p[$i+1]])
                {
                  echo '<td colspan="2" align="center">' .$result[$p[$i]]."<br>".$years[$j].
'</td>';
                  $i=$i+1;
                }
                else
                {
                echo "<td>"."<center>".$result[$p[$i]]."<br>".$years[$j]."</center>"."</td>";
                }
               $flag=1;
               break;

            }

        }
        if($flag==0)
          {
           echo "<td>"."</td>";
           }
      }
```

```
echo '</tr>';

foreach($rows as $row)
   {
      if($email==$row["fmail"])
         {
            continue;
         }
         echo '<tr>';
         $x=$row["fmail"];
          $v="select * from faculty_email where fmail = '$x'";
         $d=mysqli_query($conn,$v)or die(mysqli_error($conn));
         $r = mysqli_fetch_assoc($d);
         echo "<td>".$r['fname']."</td>";
      for($j=0;$j<7;$j++)
      {
         $flag=0;
       for($k=0;$k<count($years);$k++)
         {

         $ftable=$years[$k]."_faculty";

          $sql="select * from $years[$k] where day = '$day' and $p[$j] in (select sname
from $ftable where fname in (select fname from faculty_email where fmail = '$x'))";
         $data=mysqli_query($conn,$sql)or die(mysqli_error($conn));
         $result = mysqli_fetch_assoc($data);

          if($result!="")
          {
             if($result[$p[$j]]==$result[$p[$j+1]]&&
$result[$p[$j+1]]==$result[$p[$j+2]])
```

```
                {
                  //"<center>".print "<td colspan=\"3\">SE/OST Lab</td>";."</center>"
                  echo '<td colspan="3" align="center">' .$result[$p[$j]]."<br>".$years[$k].
'</td>';
                  $j=$j+2;

                }
                else if($result[$p[$j]]==$result[$p[$j+1]])
                {
                  echo '<td colspan="2" align="center">' .$result[$p[$j]]."<br>".$years[$k].
'</td>';
                  $j=$j+1;
                }
                else
                {
                echo
"<td>"."<center>".$result[$p[$j]]."<br>".$years[$k]."</center>"."</td>";
                }
               $flag=1;
               break;
             }


             }
              if($flag==0)
              {
                 echo "<td>"."</td>";
              }
           }
          echo '</tr>';
```

```
        }

    header(" url=outputphp.php");



    ?>

        </table>
</body>
</html>
```

right.html

```
<!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">
    <link rel="stylesheet" href="includes/right.css">
    <title>Homepage</title>
</head>
<body>
    <div class="bg">
        <img src="includes/images/anits-logo.png">
    </div>
</body>
</html>
```

section.php

```
<!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>Document</title>
    <link rel="stylesheet" href="includes/table.css?v=<?php echo time(); ?>">
</head>
<body>

    <div class="header">
        <img src="includes/images/anits-logo-w.png">
        <center><h1>TIME TABLE</h1></center>
        <form  action="start.php" target="_parent" method="post">
            <button class="logout" type="submit">Logout</button>
        </form>
    </div>
    <div class="content">

        <form method="POST" action="sectionphp.php">
            <div class="options">
                <label for="year">Choose a Year:</label>
                <select id="#" name="year">
                    <option value="i">I</option>
                    <option value="ii">II</option>
                    <option value="iii">III</option>
                    <option value="iv">IV</option>
                </select>
```

```
    <label for="branch">Choose a Branch:</label>
    <select id="#" name="branch">
      <option value="cse">CSE</option>
      <option value="EEE">EEE</option>
      <option value="CIVIL">CIVIL</option>
      <option value="MECH">MECH</option>
      <option value="ECE">ECE</option>
    </select>

    <label for="section">Choose a Section:</label>
    <select id="#" name="section">
      <option value="a">A</option>
      <option value="b">B</option>
      <option value="c">C</option>
    </select>
</div>
<div class="time">

    <center><table  align="center">

      <thead>
        <tr>
          <th align="center" ><br>
            <b>Day/Period</b><br>
          </th>

          <th align="center" >
            <b>I <br> 8:40-9:30</b>
          </th>
```

```
        <th align="center" >
          <b>II<br>9:30-10:20</b>
        </th>

        <th align="center" >
          <b>III<br>10:20-11:10</b>
        </th>

        <th align="center" >
          <b>11:10-12:00</b>
        </th>

        <th align="center" >
          <b>IV</br>12:00-12:50</b>
        </th>

        <th align="center" >
          <b>V<br>12:50-1:40</b>
        </th>

        <th align="center" >
          <b>VI<br>1:40-2:30</b>
        </th>

        <th align="center" >
          <b>VII<br>2:30-3:20</b>
        </th>
      </tr>
    </thead>
    <tbody>
```

```
<tr>
   <td align="center" height="50">
      <p>Monday</p>
   </td>

   <td align="center" height="50">
      <input type="text" name="mp1" size="4">
   </td>

   <td align="center" height="50">
      <input type="text" name="mp2" size="4">
   </td>

   <td align="center" height="50">
      <input type="text" name="mp3" size="4">
   </td>
   <td rowspan="6" align="center" height="50">
      <h2>L<br>U<br>N<br>C<br>H</h2>
   </td>
   <td align="center" height="50" >
      <input type="text" name="mp4" size="4">
   </td>



   <td align="center" height="50" >
      <input type="text" name="mp5" size="4">
   </td>
```

```
    <td align="center" height="50" >
        <input type="text" name="mp6" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="mp7" size="4">
    </td>
</tr>

<tr>
    <td align="center" height="50">
        <p>Tuesday</p>
    </td>

    <td align="center" height="50">
        <input type="text" name="tup1" size="4">
    </td>

    <td align="center" height="50">
        <input type="text" name="tup2" size="4">
    </td>

    <td align="center" height="50">
        <input type="text" name="tup3" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="tup4" size="4">
    </td>
```

```
    <td align="center" height="50" >
      <input type="text" name="tup5" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="tup6" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="tup7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Wednesday</p>
    </td>

    <td align="center" height="50">
      <input type="text" name="wp1" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="wp2" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="wp3" size="4">
    </td>
```

```
    <td align="center" height="50" >
      <input type="text" name="wp4" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="wp5" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="wp6" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="wp7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Thursday</p>
    </td>

    <td align="center" height="50">
      <input type="text" name="thp1" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="thp2" size="4">
    </td>
```

```
    <td align="center" height="50">
      <input type="text" name="thp3" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="thp4" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="thp5" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="thp6" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="thp7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Friday</p>
    </td>

    <td align="center" height="50">
      <input type="text" name="fp1" size="4">
    </td>
```

```
    <td align="center" height="50">
      <input type="text" name="fp2" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="fp3" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="fp4" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="fp5" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="fp6" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="fp7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Saturday</p>
    </td>
```

```
        <td align="center" height="50">
          <input type="text" name="sp1" size="4">
        </td>

        <td align="center" height="50">
          <input type="text" name="sp2" size="4">
        </td>

        <td align="center" height="50">
          <input type="text" name="sp3" size="4">
        </td>

        <td align="center" height="50" >
          <input type="text" name="sp4" size="4">
        </td>

        <td align="center" height="50" >
          <input type="text" name="sp5" size="4">
        </td>

        <td align="center" height="50" >
          <input type="text" name="sp6" size="4">
        </td>

        <td align="center" height="50" >
          <input type="text" name="sp7" size="4">
        </td>
      </tr>

    </tbody>
```

```
            </table></center>
            <div class="btn-grp">
               <center>
                  <button  class="buttons" type="submit" name="button"  >
                     <b>Submit</b>
                  </button> 
                  <button  class="buttons" type="reset" name="button"  >
                     <b>Reset</b>
                  </button>
               </center>
            </div>
         </div>
      </form>
   </div>
</body>
</html>
```

sectionphp.php

```
<?php
include_once 'db.php';

   $year=$_POST['year'];
   $branch=$_POST['branch'];
   $sec=$_POST['section'];

   $a=$year."_".$branch."_".$sec;


$mp1=$_POST['mp1'];
$mp2=$_POST['mp2'];
```

```
$mp3=$_POST['mp3'];
$mp4=$_POST['mp4'];
$mp5=$_POST['mp5'];
$mp6=$_POST['mp6'];
$mp7=$_POST['mp7'];


$tup1=$_POST['tup1'];
$tup2=$_POST['tup2'];
$tup3=$_POST['tup3'];
$tup4=$_POST['tup4'];
$tup5=$_POST['tup5'];
$tup6=$_POST['tup6'];
$tup7=$_POST['tup7'];

$wp1=$_POST['wp1'];
$wp2=$_POST['wp2'];
$wp3=$_POST['wp3'];
$wp4=$_POST['wp4'];
$wp5=$_POST['wp5'];
$wp6=$_POST['wp6'];
$wp7=$_POST['wp7'];

$thp1=$_POST['thp1'];
$thp2=$_POST['thp2'];
$thp3=$_POST['thp3'];
$thp4=$_POST['thp4'];
$thp5=$_POST['thp5'];
$thp6=$_POST['thp6'];
$thp7=$_POST['thp7'];
```

```
$fp1=$_POST['fp1'];
$fp2=$_POST['fp2'];
$fp3=$_POST['fp3'];
$fp4=$_POST['fp4'];
$fp5=$_POST['fp5'];
$fp6=$_POST['fp6'];
$fp7=$_POST['fp7'];

$sp1=$_POST['sp1'];
$sp2=$_POST['sp2'];
$sp3=$_POST['sp3'];
$sp4=$_POST['sp4'];
$sp5=$_POST['sp5'];
$sp6=$_POST['sp6'];
$sp7=$_POST['sp7'];

   $query = "SELECT * FROM $a";
   $result = mysqli_query($conn,$query) or die ("Error in query: $query. ".mysql_error());

if(mysqli_num_rows($result) > 0)
{
   $sql="UPDATE $a SET day='Monday'
,p1='$mp1',p2='$mp2',p3='$mp3',p4='$mp4',p5='$mp5',p6='$mp6',p7='$mp7' WHERE
id='1'";
   mysqli_query($conn,$sql);

   $sql="UPDATE $a SET day='Tuesday'
,p1='$tup1',p2='$tup2',p3='$tup3',p4='$tup4',p5='$tup5',p6='$tup6',p7='$tup7' WHERE
id='2'";
   mysqli_query($conn,$sql);
```

```
   $sql="UPDATE $a SET day='Wednesday'
,p1='$wp1',p2='$wp2',p3='$wp3',p4='$wp4',p5='$wp5',p6='$wp6',p7='$wp7' WHERE
id='3'";

   mysqli_query($conn,$sql);


   $sql="UPDATE $a SET day='Thursday'
,p1='$thp1',p2='$thp2',p3='$thp3',p4='$thp4',p5='$thp5',p6='$thp6',p7='$thp7' WHERE
id='4'";

   mysqli_query($conn,$sql);


   $sql="UPDATE $a SET day='Friday'
,p1='$fp1',p2='$fp2',p3='$fp3',p4='$fp4',p5='$fp5',p6='$fp6',p7='$fp7' WHERE id='5'";

   mysqli_query($conn,$sql);


   $sql="UPDATE $a SET day='Saturday'
,p1='$sp1',p2='$sp2',p3='$sp3',p4='$sp4',p5='$sp5',p6='$sp6',p7='$sp7' WHERE id='6'";

   mysqli_query($conn,$sql);


}

else

{

   $sql="INSERT INTO  $a (day,p1,p2,p3,p4,p5,p6,p7) VALUES
('Monday','$mp1','$mp2','$mp3','$mp4','$mp5','$mp6','$mp7');";

   mysqli_query($conn,$sql);


   $sql="INSERT INTO  $a (day,p1,p2,p3,p4,p5,p6,p7) VALUES
('Tuesday','$tup1','$tup2','$tup3','$tup4','$tup5','$tup6','$tup7');";

   mysqli_query($conn,$sql);


   $sql="INSERT INTO  $a (day,p1,p2,p3,p4,p5,p6,p7) VALUES
('Wednesday','$wp1','$wp2','$wp3','$wp4','$wp5','$wp6','$wp7');";

   mysqli_query($conn,$sql);
```

```
   $sql="INSERT INTO  $a (day,p1,p2,p3,p4,p5,p6,p7) VALUES
('Thursday','$thp1','$thp2','$thp3','$thp4','$thp5','$thp6','$thp7');";
   mysqli_query($conn,$sql);

   $sql="INSERT INTO  $a (day,p1,p2,p3,p4,p5,p6,p7) VALUES
('Friday','$fp1','$fp2','$fp3','$fp4','$fp5','$fp6','$fp7');";
   mysqli_query($conn,$sql);

   $sql="INSERT INTO  $a (day,p1,p2,p3,p4,p5,p6,p7) VALUES
('Saturday','$sp1','$sp2','$sp3','$sp4','$sp5','$sp6','$sp7');";
   mysqli_query($conn,$sql);

}
header("refresh:1; url=section.php")
?>
```

select.php

```
<!DOCTYPE html>

<html>
   <head>
      <title>4</title>
   </head>
   <body>
     <center>
        <label for="Year">Year:</label><br>
        <select name="Year">
         <option>1st</option>
         <option>2nd</option>
         <option>3rd</option>
         <option>4th</option>
```

```
        </select><br><br>
        <label for="Year">Sem:</label><br>
      <select name="Semester">
        <option>1st</option>
        <option>2nd</option>
        </select><br><br>
        <label for="Year">Section:</label><br>
      <select name="Section">
        <option>1st</option>
        <option>2nd</option>
        <option>3rd</option>
        </select><br><br>
      <button>Submit</button></center>
  </body>
</html>
```

start.php

```
<!DOCTYPE html>
<html >
 <head>

  <title>Login And Registration </title>
  <link rel="stylesheet" href="includes/logincss.css">
 </head>
<body>
  <div class="hero">
    <div class="form-box">
      <div class="button-box">
        <div id="btn"></div>
```

```
        <button type="button" name="button" class="toggle-btn"
onclick="login()">Faculty</button>

        <button type="button" name="button" class="toggle-btn"
onclick="register()">Admin</button>

      </div>

      <div class="social-icons">

         <form id="login"class="input-group" action="logindb.php" method="post">

         <img src="https://img.icons8.com/plasticine/2x/teacher.png" height="100"
width="400">

         <input type="text" name="email" class="input-field" placeholder="User Id"
required>

         <input type="password" name="password" id="mypass" class="input-field"
placeholder="password"

          required>

         <input type="checkbox" onclick="myFunction()">Show Password



         <button type="submit" class="submit-btn" name="button">Login</button>

        </form>

      </div>

      <div class="social-icons">

         <form id="register" class="input-group" action="admindb.php" method="post"
onSubmit="return fd()" name="admin">

         <img src="https://img.icons8.com/dusk/2x/admin-settings-male.png" height="100"
width="400" >

         <input type="text" name="adminid" class="input-field" placeholder="E-mail Id"
required>

         <input type="password" name="password" class="input-field"
placeholder="password" required>

         <button type="submit" class="submit-btn" name="button" >Login</button>

        </form>

      </div>
```

```
</div>
 <script>
  var x=document.getElementById("login");
  var y=document.getElementById("register");
  var z=document.getElementById("btn");
  var e=document.admin.adminid.value;
  var p=document.admin.password.value;
  function register(){
    x.style.left="-400px";
    y.style.left="50px";
    z.style.left="110px";
  }
  function login(){
    x.style.left="50px";
    y.style.left="450px";
    z.style.left="0px";
  }
  /*function fd(){
  if(e!="admin"&&p!="Admin@123")
  {
      window.alert("Check your Username and Password");
  }
  }*/
  function myFunction()
  {
     var x = document.getElementById("mypass");
     if (x.type === "password")
     {
     x.type = "text";
     }
```

```
        else
        {
        x.type = "password";
        }
      }
      </script>



  </body>
</html>
```

table.php

```
<!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>Document</title>
    <link rel="stylesheet" href="includes/table.css">
</head>
<body>

    <div class="header">
        <img src="includes/images/anits-logo-w.png">
        <center><h1>TIME TABLE</h1></center>
        <form  action="start.php" target="_parent" method="post">
            <button class="logout" type="submit">Logout</button>
        </form>
```

```
</div>
<div class="content">

   <form method="POST" action="sectionphp.php">
      <div class="options">
         <label for="year">Choose a Year:</label>
         <select id="#" name="year">
            <option value="i">I</option>
         </select>

         <label for="branch">Choose a Branch:</label>
         <select id="#" name="branch">
            <option value="cse">CSE</option>
            <option value="EEE">EEE</option>
            <option value="CIVIL">CIVIL</option>
            <option value="MECH">MECH</option>
            <option value="ECE">ECE</option>
         </select>

         <label for="section">Choose a Section:</label>
         <select id="#" name="section">
            <option value="a">A</option>
            <option value="b">B</option>
            <option value="c">C</option>
         </select>
      </div>
      <div class="time">

         <center><table  align="center">
```

```
<thead>
  <tr>
    <th align="center" ><br>
      <b>Day/Period</b><br>
    </th>

    <th align="center" >
      <b>I <br> 8:40-9:30</b>
    </th>

    <th align="center" >
      <b>II<br>9:30-10:20</b>
    </th>

    <th align="center" >
      <b>III<br>10:20-11:10</b>
    </th>

    <th align="center" >
      <b>11:10-12:00</b>
    </th>

    <th align="center" >
      <b>IV</br>12:00-12:50</b>
    </th>

    <th align="center" >
      <b>V<br>12:50-1:40</b>
    </th>
```

```
        <th align="center" >
            <b>VI<br>1:40-2:30</b>
        </th>

        <th align="center" >
            <b>VII<br>2:30-3:20</b>
        </th>
    </tr>
</thead>
<tbody>

    <tr>
        <td align="center" height="50">
            <p>Monday</p>
        </td>

        <td align="center" height="50">
            <input type="text" name="mp1" size="4">
        </td>

        <td align="center" height="50">
            <input type="text" name="mp2" size="4">
        </td>

        <td align="center" height="50">
            <input type="text" name="mp3" size="4">
        </td>
        <td rowspan="6" align="center" height="50">
            <h2>L<br>U<br>N<br>C<br>H</h2>
        </td>
```

```
    <td align="center" height="50" >
      <input type="text" name="mp4" size="4">
    </td>



    <td align="center" height="50" >
      <input type="text" name="mp5" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="mp6" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="mp7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Tuesday</p>
    </td>

    <td align="center" height="50">
      <input type="text" name="tup1" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="tup2" size="4">
```

```
    </td>

    <td align="center" height="50">
        <input type="text" name="tup3" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="tup4" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="tup5" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="tup6" size="4">
    </td>

    <td align="center" height="50" >
        <input type="text" name="tup7" size="4">
    </td>
</tr>

<tr>
    <td align="center" height="50">
        <p>Wednesday</p>
    </td>

    <td align="center" height="50">
        <input type="text" name="wp1" size="4">
```

```
    </td>

    <td align="center" height="50">
      <input type="text" name="wp2" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="wp3" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="wp4" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="wp5" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="wp6" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="wp7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Thursday</p>
```

```
</td>

<td align="center" height="50">
   <input type="text" name="thp1" size="4">
</td>

<td align="center" height="50">
   <input type="text" name="thp2" size="4">
</td>

<td align="center" height="50">
   <input type="text" name="thp3" size="4">
</td>

<td align="center" height="50" >
   <input type="text" name="thp4" size="4">
</td>

<td align="center" height="50" >
   <input type="text" name="thp5" size="4">
</td>

<td align="center" height="50" >
   <input type="text" name="thp6" size="4">
</td>

<td align="center" height="50" >
   <input type="text" name="thp7" size="4">
</td>
</tr>
```

```
<tr>
   <td align="center" height="50">
      <p>Friday</p>
   </td>

   <td align="center" height="50">
      <input type="text" name="fp1" size="4">
   </td>

   <td align="center" height="50">
      <input type="text" name="fp2" size="4">
   </td>

   <td align="center" height="50">
      <input type="text" name="fp3" size="4">
   </td>

   <td align="center" height="50" >
      <input type="text" name="fp4" size="4">
   </td>

   <td align="center" height="50" >
      <input type="text" name="fp5" size="4">
   </td>

   <td align="center" height="50" >
      <input type="text" name="fp6" size="4">
   </td>
```

```
    <td align="center" height="50" >
      <input type="text" name="fp7" size="4">
    </td>
  </tr>

  <tr>
    <td align="center" height="50">
      <p>Saturday</p>
    </td>

    <td align="center" height="50">
      <input type="text" name="sp1" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="sp2" size="4">
    </td>

    <td align="center" height="50">
      <input type="text" name="sp3" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="sp4" size="4">
    </td>

    <td align="center" height="50" >
      <input type="text" name="sp5" size="4">
    </td>
```

```
                    <td align="center" height="50" >
                        <input type="text" name="sp6" size="4">
                    </td>

                    <td align="center" height="50" >
                        <input type="text" name="sp7" size="4">
                    </td>
                </tr>

            </tbody>
        </table></center>
        <div class="btn-grp">
            <center>
                <button  class="buttons" type="submit" name="button"  >
                    <b>Submit</b>
                </button> 
                <button  class="buttons" type="reset" name="button"  >
                    <b>Reset</b>
                </button>
            </center>
        </div>
    </div>
</form>
</div>
</body>
</html>
```

year.php

```
<!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">
  <link rel="stylesheet" href="includes/year.css">
  <title>Years</title>
</head>
<body>

<div class="container">

<div class="card" >
  <div class="face face1">
    <div class="content">
      <h2 class="I">I Year</h2>
      <p class="I">Here you can enter the 1st year time tables.</p>
      <center><button> <a href="1section.php" target="3">Click
Here!</a></button></center>
    </div>

  </div>
  <div class="face face2">
    <h2>I</h2>
  </div>
</div>

<div class="card">
  <div class="face face1">
    <div class="content">
      <h2 class="II">II Year</h2>
      <p class="II">Here you can enter the 2nd year time tables.</p>
```

```
      <center><button> <a href="section.php" target="3">Click Here!</a></button></center>
    </div>
  </div>
  <div class="face face2">
    <h2>II</h2>
  </div>
</div>
<div class="card">
  <div class="face face1">
    <div class="content">
      <h2 class="III">III Year</h2>
      <p class="III">Here you can enter the 3rd year time tables.</p>
      <center><button> <a href="section.php" target="3">Click Here!</a></button></center>
    </div>
  </div>
  <div class="face face2">
    <h2>III</h2>
  </div>
</div>

<div class="card">
  <div class="face face1">
    <div class="content">
      <h2 class="IV">IV Year</h2>
      <p class="IV">Here you can enter the 4th year time tables.</p>
      <center><button> <a href="section.php" target="3">Click Here!</a></button></center>
    </div>
  </div>
  <div class="face face2">
    <h2>IV</h2>
```

```
  </div>
</div>
</div>
</body>
</html>
```

6. TESTING

The purpose of testing is to discover errors. Testing is the process of trying to discover every conceivable fault or weakness in a product. It provides a way to check the functionality of components, sub-assemblies, assemblies and/or a finished product. It is the process of exercising software with the intent of ensuring that the software system meets its requirements and user expectations and does not fail in an unacceptable manner.

Software testing is an important element of the software quality assurance and represents the ultimate review of specification, design and coding. The increasing feasibility of software as a system and the cost associated with the software failures are motivated forces for well-planned through testing.

Testing Objectives:

These are several rules that can save as testing objectives they are:

- Testing is a process of executing program with the intent of finding an error.
- A good test case is one that has a high probability of finding an undiscovered error.

6.1 Types of Testing

In order to make sure that the system does not have errors, the different levels of testing strategies that are applied at differing phases of software development are:

6.1.1 Unit Testing

Unit Testing is done on individual modules as they are completed and become executable. It is confined only to the designer's requirements. Unit testing is different from and should be preceded by other techniques, including:

- Inform debugging
- Code debugging

Each module can be tested using the following two strategies:

Black Box Testing

In this strategy some test cases are generated as input conditions that fully execute all functional requirements for the program. This testing has been used to find error in the following categories:

- Incorrect or missing functions.
- Interface errors.
- Errors in data structure or external database access.
- Performance Error.
- Initialization and termination errors.
- In this testing only the output is checked for correctness.
- The logical flow of the data is not checked.

White Box Testing

In this the test cases are generated on the logic of each module by drawing flow graphs of that module and logical decisions are tested on all cases. It has been used to generate the test cases in the following cases:

- Guarantee that all independent paths have been executed.
- Execute all loops at their boundaries and within their operational bounds.
- Execute internal data structures to ensure their validity.

6.1.2 Integration Testing

Integration testing ensures that software and subsystems work together a whole. It tests the interface of all the modules to make sure that the modules behave properly when integrated together. It is typically performed by developers, especially at lower, module-to-module level. Testers become involved at the higher levels.

6.1.3 System Testing

Involves in house testing of entire system before delivery to the user. The aim is to satisfy the user, the meets all the requirements of the client's specifications. It is conducted by the testing organization if a company has one. Test data may range from hand generated to production.

Requires test scheduling to plan and organize:

- Inclusion of changes/fixes.
- Test data to use.

One common approach is graduated testing: as system testing progresses and (hopefully) fewer and fewer defects are found, the code is frozen for testing for increasingly longer time periods.

6.1.4 Acceptance Test

It is a pre-delivery testing in which entire system is tested at client's site on real world data to find errors.

User Acceptance Test (UAT)

"**Beta Testing**": Acceptance testing in the customer environment.

Requirements traceability:

- Match requirements to test cases.
- Every requirement ha to be cleared by at least one test case.
- Display in a matrix of requirements vs. test case.

6.2 Test Cases

In general, a test case is a set of test data and test program and their expected results. A test case in software engineering normally consists of unique identifier, requirement references from a design specification, preconditions, events, a series of steps (also known as actions) to follow, input, output and it validates one or more system requirements and generates a pass or fail.

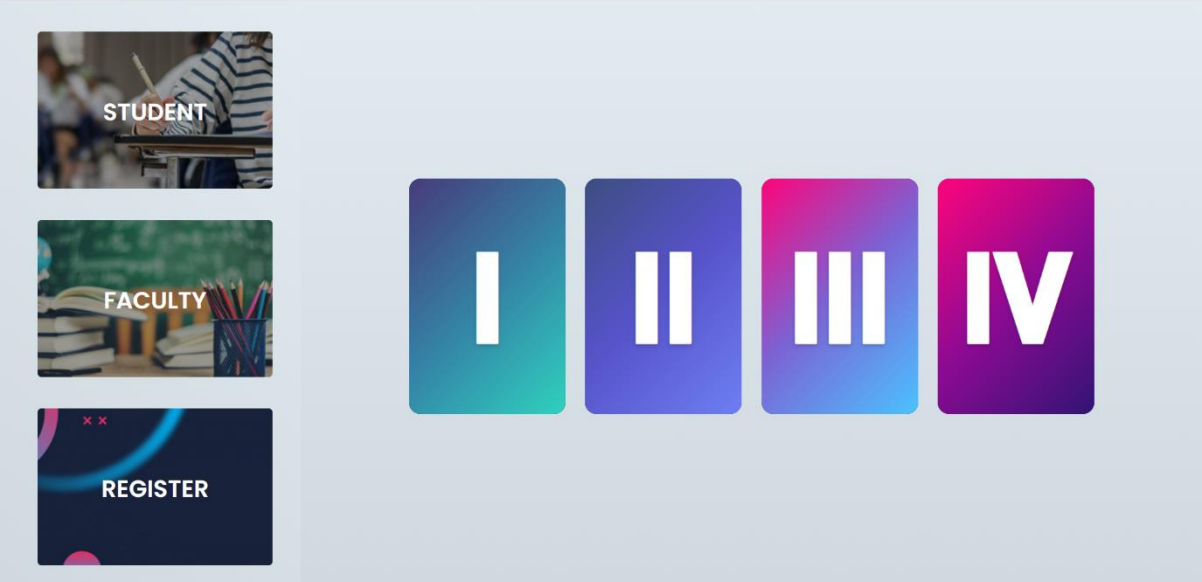
TEST CASES FOR PROJECT:

In general a test case is a set of test data and test programs and their expected results. A test case in software engineering normally consists of a unique identifier, requirement references from a design specification, pre conditions, events, a series of steps (also known as actions) to follow input, output and it validates one or more system requirements and generates a pass or fail.

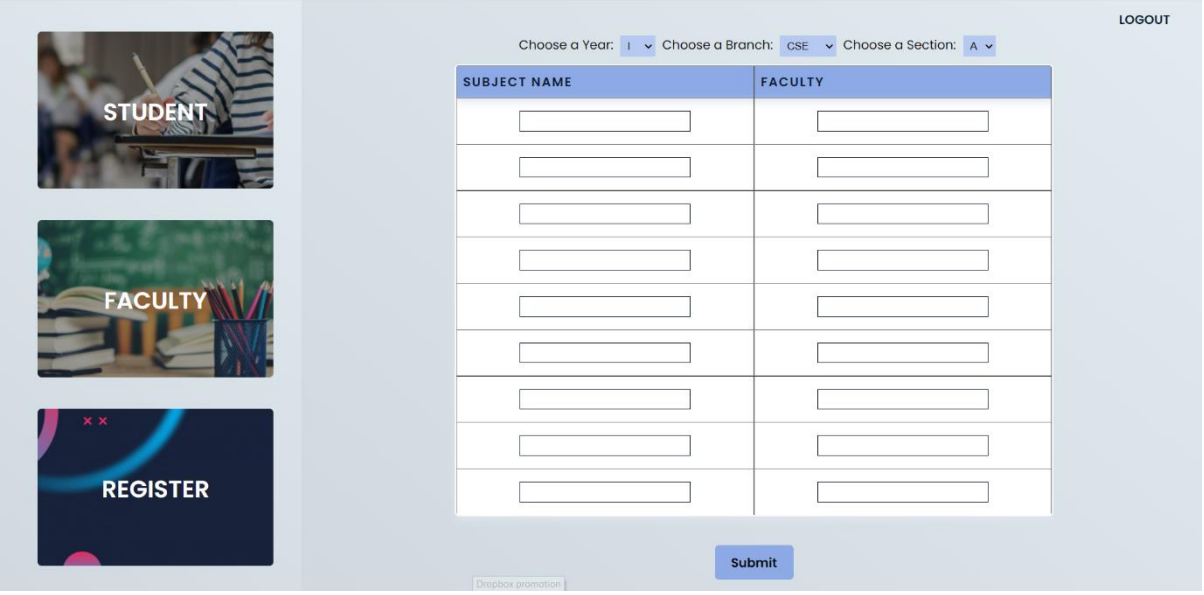
7. RESULTS

HOME PAGE:

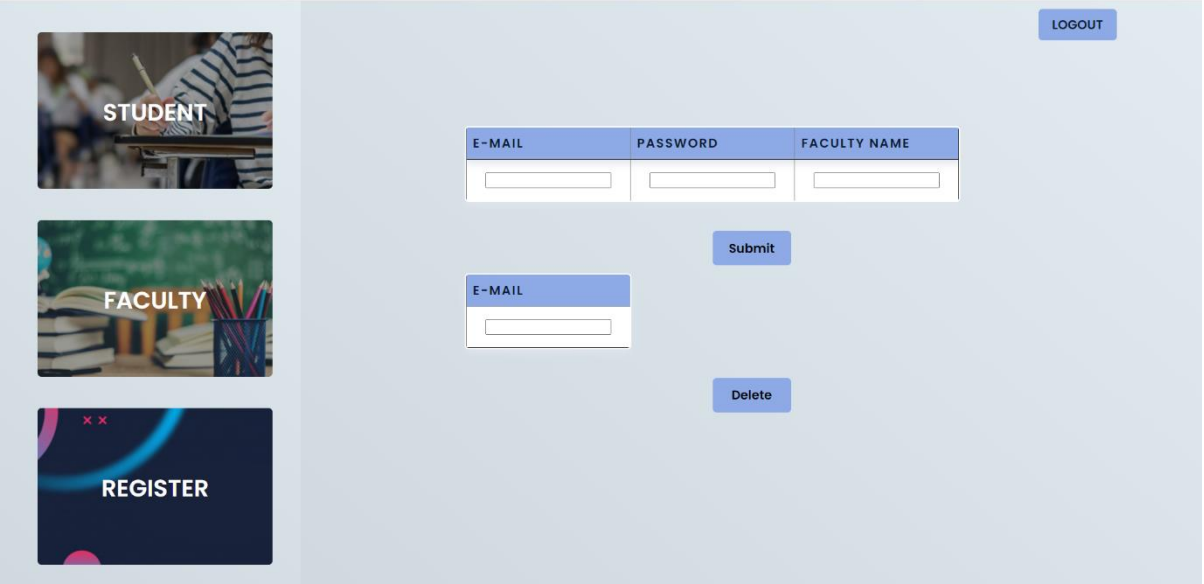
STUDENT:



FACULTY:



REGISTRATION:



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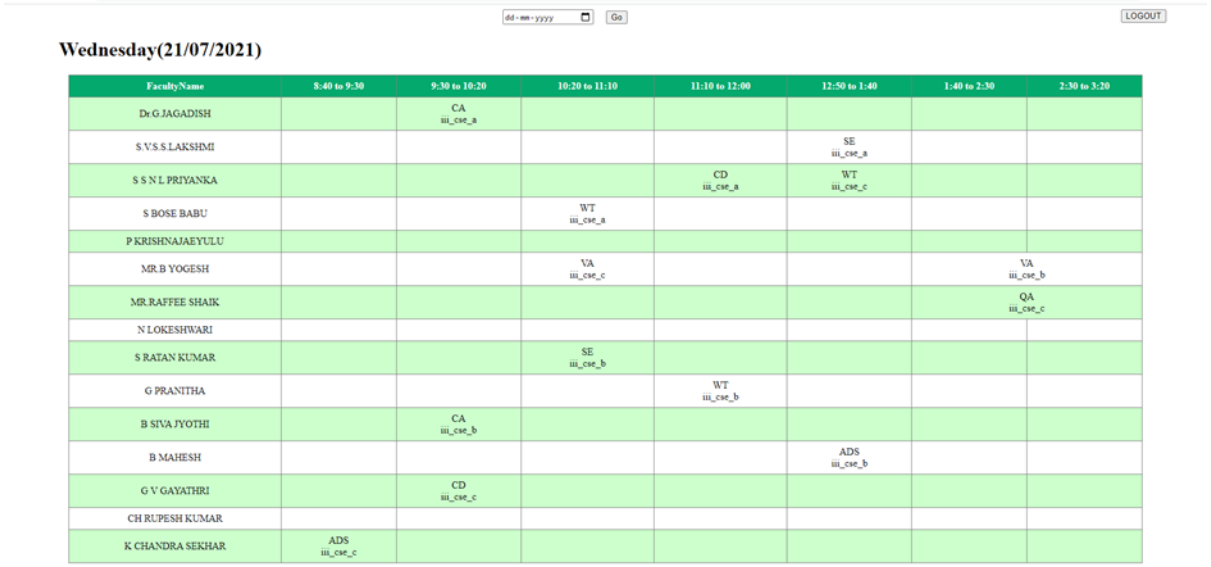
dd-mm-yyyy Go LOGOUT

Wednesday(21/07/2021)

FacultyName	8:40 to 9:30	9:30 to 10:20	10:20 to 11:10	11:10 to 12:00	12:50 to 1:40	1:40 to 2:30	2:30 to 3:20
Dr.G.JAGADISH		CA iii_cse_a					
S.V.S.S.LAKSHMI					SE iii_cse_a		
S S N L PRIYANKA				CD iii_cse_a	WT iii_cse_c		
S BOSE BABU			WT iii_cse_a				
P KRISHNAJAEYULU							
MR.B YOGESH			VA iii_cse_c			VA iii_cse_b	
MR.RAFFEE SHAIK						QA iii_cse_c	
N LOKESHWARI							
S RATAN KUMAR			SE iii_cse_b				
G PRANITHA				WT iii_cse_b			
B SIVA JYOTHI		CA iii_cse_b					
B MAHESH					ADS iii_cse_b		
G V GAYATHRI		CD iii_cse_c					
CH.RUPESH KUMAR							
K CHANDRA SEKHAR	ADS iii_cse_c						

8.Conclusion:

Finally we have obtained the desired output and knowledge in many feilds of web development.

 The faculty needs to register once only. If ever there is a change in his group or batch, things can be updated easily in his profile by the admin.

 The faculty can notify their time slots along with the time slots of other faculty members.

 The security of the Database could be enhanced further.

 The feature to terminate faculty details could be provided in the features of admin module .

 The feature for teacher's self-registration could be added.

 The feature to schedule a class by teacher could be added.

8.REFERENCES

Web Sites:

1. https://www.w3schools.com/html/
2. https://www.tutorialspoint.com/javascript/
3. https://www.geeksforgeeks.org/web-technology/
4. https://www.javatpoint.com/php-json-example

Textbooks:

1. Steven Holzner, "HTML Black Book: The Programmer's Complete HTML Reference Book"
2. Robin Nixon, "Learning PHP, MySQL, and JavaScript", 4th edition