

A Project Report On

DASHBOARD FOR TATA STEEL GROUP OF COMAPNIES

Submitted in partial fulfilment of the
BACHELOR IN COMPUTER APPLICATIONS

By

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DEPARTMENT OF COMPUTER SCIENCE & IT

ARKA JAIN UNIVERSITY, JHARKHAND

Jamshedpur

2018-2021



ARKA JAIN UNIVERSITY

A

PROJECT REPORT

ON

DASHBOARD FOR TATA STEEL GROUP OF COMAPNIES

IN PARTIAL FULFILLMENT OF REQUIREMENT OF

DEPARTMENT OF COMPUTER SCIENCE AND

INFORMATION TECHNOLOGY

BATCH 2018-21

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BACHELOR OF COMPUTER APPLICATION (BCA)

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**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION
TECHNOLOGY**

ARKA JAIN UNIVERSITY, JHARKHAND

JAMSHEDPUR

2018-21

ARKA JAIN UNIVERSITY, JHARKHAND

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DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY



CERTIFICATE

This is to certify that the project entitled, **"DASHBOARD FOR TATA STEEL GROUP OF COMAPNIES"**, is bonafied work of **Pantula Sarala** bearing **Roll No: 121** submitted in partial fulfillment of the requirements for the award of degree of BACHELOR OF COMPUTER APPLICATION (BCA) from ARKA JAIN UNIVERSITY, JHARKHAND.

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COMPANY CERTIFICATE



Prashikshan -2020



SHAVAK NANAVATI TECHNICAL INSTITUTE

An ISO 9001:2015 Organization

CERTIFICATE

This is to certify that Pantula Sarala (Reg. No. VT20201742)
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29-April ,2020 to 27-May ,2020 . The details of the programme are as under:

Department Covered	OFFICE OF CHIEF INFORMATION OFFICER
Project Title	DASHBOARD FOR TATA STEEL GROUP COMPANIES

He/She has successfully completed the Programme

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ABSTRACT

Dashboard For Tata Steel Group of Companies is a project which aims in developing an Online Application to maintain and provide services round the clock. This project has many features which are generally not available in normal Service Management Systems like giving orders to canteen, giving feedback, get E-Learning courses, Booking Tickets, getting membership cards for Sports facility, booking appointments at hospitals, viewing reports etc. It also has a facility of login through which we can get all the facilities and accessibility to the whole system.

Overall, this project of ours is being developed to help the Employees of Tata Group of companies to use the services in the best way possible and also reduce the human efforts.

ACKNOWLEDGEMENT

The satisfaction and euphoria that accompanies the successful completion of any task would be incomplete without mentioning the people who made it possible. Success is the epitome of hard work and encouraging guidance.

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I would also like to thank SNTI & all those who have directly and indirectly helped me to accomplish this project successfully.

Lastly, I would like to thank the entire staff of ITS, for their amiable help and support during this period.

DECLARATION

I hereby declare that the project entitled, “Dashboard for Tata Steel Group of Companies” done at Tata Steel, has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has submitted to any other university.

The project is done in partial fulfillment of the requirements for the award of degree of **BACHELOR OF COMPUTER APPLICATION** to be submitted as final semester project as part of our curriculum.

Pantula Sarala

**Name and Signature of the
Student**

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CHAPTER 1: Introduction

1.1 Background

Our project is based on granting different services to the employees of Tata Steel & also to the employees of the subsidiary companies.

Earlier manual work or pen & paper based system is adopted by employees to opt for the services. For that employee had to wait for ample of hours in the respective departments/ areas to use that service. For example :

- If an employee wants to have the food in the canteen, then he goes to canteen and order food, then he receives the ordered food after some time due to which he had to wait for a long time.
- Similarly, to take an appointment with a doctor he had to go to the hospital and wait for his appointment which took long hours and most of the times he will not get due to over crowd / non presence of doctor etc. Due to this, precious time wastage and sometimes the requested service may be cancelled or delayed.
- For official tours of employees, the employee raises a request on paper and the management approves the travel request and then the ticket booking process is carried at windows of Railway stations / airports. The whole process was taking a lot of time, much paper work and plying of papers from one department / agency to other department / agency.
- Employee used to go to Training centers for taking training in view of new equipment or processes incorporated in the new plants or machines or courses. Lot of infrastructure and resources are used for this purpose.
- If an employee wishes to avail sports facility at different sport arenas, the employee has to apply for the membership through pen & paper and obtain approvals and then pay the requisite fee to obtain Membership card. After this membership only, the employee can avail sports facilities. The whole process took enough time & manual interactions.

1.2 Objectives

Our objective in designing the project is based on granting different services to the employees of Tata Steel & also to the employees of the subsidiary companies.

Our program helped to solve this problem and make the system easy for all the staff and employees of an organization. Employees can have minimal wastage of time and use smart work by using the "DASHBOARD FOR TATA STEEL GROUP OF COMPANIES" application.

It is Web Application which is developed in HTML, CSS, Asp.net & Microsoft SQL server. The purpose of this Web Application is to manage the activities of services. Even a person can handle very easily; it means Web Interface is user friendly.

1.3 Purpose

Our "DASHBOARD FOR TATA STEEL GROUP OF COMPANIES" application is mainly designed for the employees of all Tata Steel group companies who wish to view the dashboard and use services provided by Tata Company. To view the dashboard, the user can access it by just clicking the dashboard button even without registering the website. To use these services, the user has to register himself/herself only once, and thereafter he or she can use services any time. This website is the best fit for those who do not like to waste their time reading long reports; instead, a browser can view the huge tables in the form of graphs.

1.4 Scope

The scope of the project is not limited but to facilitate employees to obtain all the facilities provided by the organization without manual approvals, manual interactions with other agencies or departments. We have tried to achieve the paperless office system through this project. The employee should get all the facilities with due registration for more personalized services and general services without any logins or registrations.

1.5 Applicability

This application is mainly designed for the employees of all Tata Steel group companies who wish to view dashboard and use services provided by Tata Company. To view dashboard the user can access it by just clicking the dashboard button even without registering the website.

To use these services, the user has to register himself/herself only once and there after he or she can use services any time.

This website is best fitted for those who do not like to waste their time in reading long reports; instead browser can view the huge tables in the form of graphs.

1.6 Achievements

By implementing this software we achieved some targets like simplification in operations, less processing time, getting required information in least time, creating user friendly environment and making a portable & flexible system for further improvement in the future.

1.7 Organisation of Report

We are presenting this report in line with the guidelines provided by our Institution. The Report consists of Introduction, Survey of Technologies, Requirement and Analysis, System Design, Implementation & Testing, Result & Discussion and Conclusion.

CHAPTER 2: Survey of Technologies

Before beginning the project, we made sure the list of available software as well as hardware technologies.

In software we had an array of web applications to choose but looking at the benefits and adaptability we went with **ASP.NET** instead any other technology.

We found that compared to other technologies like PHP, **ASP.NET** supports large to medium size enterprise applications, highly secure and less prone to customization.

For database management we went with Microsoft SQL Server because it's open source easy and free to use compared to Mongo DB and MySQL.

CHAPTER 3: Requirements and Analysis

System Analysis is a problem-solving technique that improves the system and ensures that all the components of the system work efficiently to accomplish their purpose.

A systems analyst researches problem, plans solutions, recommends software and systems, and coordinates development to meet business or other requirements. The main goal of this system analyst is to collect different data from different sites or departments, process these data and generate required outputs and desired screens.

System analyst operates in a dynamic environment where change is a way of life. The environment may be a business firm, a Departmental application, or a computer system. To construct a system the following key elements must be considered: -

- **Input:** Input is what data the system receives to produce a certain output.
- **Output:** What goes out from the system after being processed is known as Output.
- **Processing:** The process involved to transform input into output is known as Processing.
- **Control:** In order to get the desired results, it is essential to monitor and control the input, Processing and the output of the system. This job is done by the control.
- **Feedback:** The Output is checked with the desired standards of the output set and the necessary steps are taken for achieving the output as per the standards, this process is called as Feedback. It helps to achieve a much better control in the system.
- **Boundaries:** The boundaries are nothing but the limit of the system. Setting up boundaries helps for better concentration of the actives carried in the system.
- **Environment:** The things outside the boundary of the system are known as environment. Change in the environment affects the working of the system.
- **Interfaces:** The interconnections and the interactions between the sub-systems are known as the Interfaces. They may be inputs and outputs of the systems.

3.1 Software Requirements Specification (SRS)

A software requirements specification is a document that captures complete description about how the system is expected to perform. It is usually signed off at the end of requirements engineering phase.

3.1.1 Product perspective

The software product is a Web application. The application will be made up of two parts, one administrator who has all the rights and the other user who has limited rights to handle the application. The two users of the system, namely the Service Manager (Admin) and Employees (Users) interact with the system in different ways.

3.1.2 Product Functions

First of all, it will authenticate the user whether he is registered User or not. If he is not an unauthorized person, he can't get access to the application. After signing up the user can get access to the application.

Any unregistered user can directly go to the Dashboard and view the tables in the form of graphs.

The registered user can login and apply for different services and also user the services forever.

3.1.3 Safety Requirements

All the data will be saved to database for safety purpose so there will be no data loss. These data can be accessed only by an authorized person so data theft is also not possible in this application.

3.1.4 Security Requirements

For preventing unauthorized access to the application, this application has login feature so only granted user can access with defined rights.

3.1.5 Data Gathering

Data collection is the systematic approach to gathering and measuring information from a variety of sources to get a complete and accurate picture of an area of interest. Data collection enables a person or organization to answer relevant questions, evaluate outcomes and make predictions about future probabilities and trends. Accurate data collection is essential to maintaining the integrity of research, making informed business decisions and ensuring quality assurance.

3.1.6 Feasibility study

Feasibility study means to check whether the project is feasible or not. Feasibility study regarding this project is as follows

3.1.7 Economic Feasibility

The project has shown the economic feasibility by the study of the fact that by using this software the increased number of the customers can be given service effectively and efficiently and can save a lot time and saving time means saving money. The cost and benefit analysis has shown that cost that have incurred in developing the project is less than the benefits that the project is going to provide once it is developed, so this project has passed the feasibility test.

3.1.8 Technical Feasibility

Technical feasibility centers on the existing computer system (Hardware, Software etc.) and to what extent it supports the existing system. As the existing computer system is viable so there is no matter of technical feasibility that is the system is technically feasible. In this type of feasibility study, it is checked whether there is a need of new hardware/software or not. What are the basic requirements of the project? If there is need then how it can be fulfilled. In this context, this project doesn't need any special hardware or software.

3.1.9 Behavioral Feasibility

The User also interested in this project, as it will help them to do work with ease and efficiently without complexity, so they supported the development of this project with full enthusiasm. This shows the behavioral feasibility of the project.

3.1.10 Time Feasibility

It is the determination of whether a proposed project can be implemented fully within stipulated time frame. The project was decided to be done in two months and was thought to be feasible

3.1.11 Operational Feasibility

In this feasibility study it is determined whether there is need of well qualified operator or simple user. Is there need to train the operator or not? This project is supporting the Graphical User Interface; hence operating this project is so simple. Even a person who has a little knowledge of computer can easily handle this well. There is no need of trained operator.

3.2 Software Process model

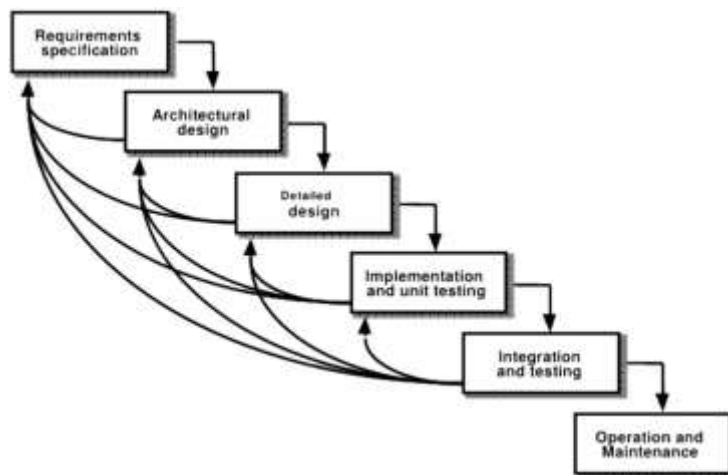
The Software Process Models are the various processes or methodologies that are being selected for the development of the project depending on the project's aims and goals. There are many development life cycle models that have been developed in order to achieve different required objectives. The models specify the various stages of the process and the order in which they are carried out.

The selection of model has very high impact on the testing that is carried out. It will define the what, where and when of our planned testing, influence regression testing and largely determines which test techniques to use.

Choosing right model for developing of the software product or application is very important. Based on the model the development and testing processes are carried out. A Process Model describes the sequence of phases for the entire lifetime of a product. Therefore, it is sometimes also called Software Life Cycle. This covers everything from the initial commercial idea until the final de-installation or disassembling of the product after its use.



In order to develop the project “**Dash Board for Tata Steel Group of Companies**” we have adopted the **Iterative Enhancement Model** also known as Incremental Model. This model removes the shortcoming of waterfall model. Since many facts of this system are already known. It is not a new concept and hence no research is required. A working version can be easily created and hence the system can start working. Remaining functionalities can be implemented in the next iteration and can be delivered later. Requirement analysis is also not required as it is not a new technology. Risk involved is also less. So, one need not perform detailed risk analysis. As this model combines the advantage of waterfall model and prototyping, clients are always aware of the product being delivered and can always suggest changes and enhancements and can get them implemented. As less amount of customer communication is required one need not apply spiral model in which all types of analysis is done in detail. As the deadline is affordable, one need not to go for Rapid Application Development model. Iterative enhancement model is useful when less manpower is available for software development and the release deadlines are specified. It is best suited for in house product development, where it is ensured that the user has something to start with. The complete product is divided into releases and the developer delivers the product release by release.



Iterative Enhancement Model

3.3 Hardware Requirements

Processor	1.6 GHz or Faster Processor
RAM	1.5 GB
Disk Space	4GB of Available Hard Disk
Graphic	DirectX 9-Capable Video Card
Display	1024 X 768 or Higher Resolution

3.4 Software Requirements

Operating System	Windows 10
Front End	HTML, CSS, JS, Asp.net
Frameworks/Library	Bootstrap, FontAwesome, Google Font
Text Editor	Visual Studio
Database	Microsoft SQL Server
Web Browser	Google Chrome
Charts	Google Charts.js

3.5 Justification of selection of Technology

Businesses are now in a constant search for digital help. Previously it was easy to establish a business with a single entity, e.g., establishing a business with a physical presence and have some important contacts. With the advent of technologies and the trend of being smart everywhere, you just can't ignore to be the one. And there you need some interaction with the web development companies.

If someone would launch a website, start a digital marketing campaign, do lots of social media advertising, poll discussion, customer feedback, etc. Businesses have to put these efforts into a perfect brand identity or a business perspective to gain all aspects of business needs. Multiple technologies are doing their best at web development, such as PHP frameworks like Laravel, CI, or Magento for eCommerce, Java, or Microsoft's ASP.NET technology.

Coming to the ASP.NET Application Development Services, the IT companies are dealing with them with more consciousness on hiring resources and utilizing them. Because .NET is always bringing the outcomes positively and more effectively than any other existing web development technologies, so we have chosen ASP.NET and some valuable insights into .NET technology.

3.5.1 Visual Studio

ASP.NET is a web application development framework from Microsoft to create robust, dynamic, rich web pages. It is a server-side technology built on Common Language Runtime (CLR) to host powerful websites on any Windows server. CLR is a major component that performs a process known as just-in-time compilation that converts source codes into intermediate language code which the CPU then executes. Visual Studio is an integrated development environment that provides a complete set of development tools for writing, compiling, and debugging the codes used to build ASP.NET web applications.

Web Forms, ASP.NET MVC, and ASP.NET Web Pages are the three frameworks that ASP.NET offers. Web Forms are used for building dynamic websites using a rich library of controls that allows for rapid building of dynamic data driven websites. MVC employs a powerful, pattern based model providing full control over mark-up for creating sophisticated web applications. ASP.NET Web Pages and Razor syntax is a lightweight framework providing facility to create fast HTML pages with dynamic web content.

3.5.2 Languages

C#

C# (pronounced "See Sharp") is a modern, object-oriented, and type-safe programming language. C# enables developers to build many types of secure and robust applications that run in the .NET ecosystem. C# has its roots in the C family of languages and will be immediately familiar to C, C++, Java, and JavaScript programmers.

C# is an object-oriented, **component-oriented** programming language. C# provides language constructs to directly support these concepts, making C# a natural language in which to create and use software components. Since its origin, C# has added features to support new workloads and emerging software design practices.

JAVA SCRIPT

JavaScript is a cross-platform, object-oriented scripting language used to make webpages interactive (e.g., having complex animations, clickable buttons, popup menus, etc.). There are also more advanced server side versions of JavaScript such as Node.js, which allow you to add more functionality to a website than downloading files (such as real time collaboration between multiple computers). Inside a host environment (for example, a web browser), JavaScript can be connected to the objects of its environment to provide programmatic control over them.

HTML

HTML stands for Hyper Text Markup Language. It is used to design web pages using mark-up language. HTML is the combination of Hypertext and Mark-up language. Hypertext defines the link between the web pages. Mark-up language is used to define the text document within tag which defines the structure of web pages. This language is used to annotate (make notes for the computer) text so that a machine can understand it and manipulate text accordingly. Most mark-up languages (e.g. HTML) are human readable. Language uses tags to define what manipulation has to be done on the text.

VB Script

VBScript (Visual Basic Script) is developed by Microsoft with the intention of developing dynamic web pages. It is client-side scripting language like JavaScript. VBScript is a light version of Microsoft Visual Basic. Syntaxes in VBScript is very similar to that of Visual

Basic. If you want your webpage to be more lively and interactive, then you can incorporate VBScript in your code.

VBScript is just a scripting language. So, it cannot run its code on its own. It needs a bigger programming language to host it.

3.5.3 Google Charts.js

Google Charts is a pure java script based charting library meant to enhance web applications by adding interactive charting capabilities. Google charts provide wide variety of charts for example line charts, spile charts, area charts, bar charts, pie charts and so on.

It is a powerful, simple to use and free. It has rich gallery customizable, has cross-browser compatibility (adopting VML for older IE versions) and cross platform portability to IOS and new Android releases. No plug-ins are needed. It has interactive dashboards. It can use dynamic data (your real time data).

CHAPTER 4: System Design

The systems design approach first appeared right before World War II, when engineers were trying to solve complex control and communications problems. They needed to be able to standardize their work into a formal discipline with proper methods, especially for new fields like information theory, operations research and computer science in general. System design is the process of defining the elements of a system such as the architecture, modules and components, the different interfaces of those components and the data that goes through that system. It is meant to satisfy specific needs and requirements of a business or organization through the engineering of a coherent and well-running system.

4.1 Input to the project

In order to use all the services the User need to give some inputs to application for processing. Different kinds of input are required for different purposes.

- i. Input for new Registration
 - User ID # (Automatically generated)
 - Employee's Company Name
 - Employee Email ID
 - Employee Password
- ii. Input for Login
 - Employee Email #
 - Employee Password
- iii. Input for Canteen Management System
 - Quantity
 - Email
 - Full name
 - Address
 - Credit or Debit card details
 - Pin code
 - State
 - City
 - Shipping address
- iv. Input for Canteen Feedback System
 - Name
 - Taste / Flavor
 - Value for money
 - Freshness
 - Suggestions

- v. Input for Domestic Travel System
 - Quantity
 - Email
 - Full name
 - Address
 - Credit or Debit card details
 - Pin code
 - State
 - City
 - Shipping address
- vi. Input for Foreign Travel System
 - Quantity
 - Email
 - Full name
 - Address
 - Credit or Debit card details
 - Pin code
 - State
 - City
 - Shipping address
- vii. Input for Hospital Book Appointment
 - First name
 - Last name
 - Email
 - Phone
 - Department
 - Slot
 - Comments
- viii. Input for Sports Membership Card
 - Full name
 - Age
 - Gender
 - Designation

4.2 Output to the project

The project named “**Dashboard for Tata Steel Companies**” is being made keeping in mind to solve the problem of employees to opt for a service. By using this application employee can have many things like as:

- Allows the user to buy food.
- Allows the user to give feedback.
- Allows the user to book tickets for travel and tour.
- Allows the user to book for tickets domestic or foreign travels.
- Allows the user to access e-learning services like MS-Excel and MS-Word.
- Allows the user to book his appointments to a doctor.
- Allows the user to view his/her medical report.
- Allows the user to get a sports membership card.
- Allows the user to view schedules for upcoming matches

4.3 Modularization Detail

Home Page:

The Home page consists of Tata Logo, Three buttons on the top row, a table in the middle showing a list of Tata group of companies with links to that particular company and a button in the bottom to navigate to Dashboard. When the user clicks on this button, it will display the other modules and pages of the website such as Login, Signup and Dashboard. This module will be used to display the brief introduction of the project and will show the title of the project as well as the name of the developer.

Dashboard Page:

This page will have Four Graphs, (1) Column Chart for Turnover, (2) Pie Chart for Location, (3) Column Chart for Holding Percentage and (4) Doughnut Chart for Holding Types.

Register Page:

This page will have ask the user to select the company among Group of companies from the drop down menu, enter the E-Mail Id, set password and confirm password. If all the conditions are properly met, then the user will get registered with the database and a confirmation message will be displayed.

Display Page:

This page will displays the Logo, Service tab, Company Dropdown tab & support dropdown tab in navigation bar.

Service tab contains various services like canteen, E-Learning, Hospital, Travel and Sports.

Company Dropdown tab contains My Organization tab, Billing Dashboard and Log Out button.

Support tab has Contact us button and our team page. Service page also has active service page button and Search bar.

Active Service Page:

This page shows a blank page if the user do not selects any service. If the user applies for Canteen management center selected service will be shown.

Canteen Management System:

This page shows food items available at canteen. Employees can order their food and pay the bill.

Canteen Feedback System:

This page accepts feedback from the employees regarding the canteen services.

Domestic Travel System:

This page allows the user to book their tickets and other amenities for travelling in India.

Foreign Travel System:

This page allows the user to book their tickets and other amenities for travelling abroad.

E-Learning (Excel):

In this module the user can access the pages about the tutorials in Excel and learn things easily.

E-Learning (Word):

In this module the user can access the pages about the tutorials in Word and learn things easily.

Hospital (Book appointment):

In this module the user can book his appointment with the available doctors at a particular date.

Hospital (View Report):

In this module the user can view his various test reports.

Sports (View Schedule):

In this module the user can view schedules of forthcoming matches in Cricket and Football.

Sports (Membership card):

In this module the user can apply and get his membership card for utilization of sports facilities.

4.4 Data Flow Diagram (DFD)

Data flow diagram is graphical representation of flow of data in an information system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination. Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled.

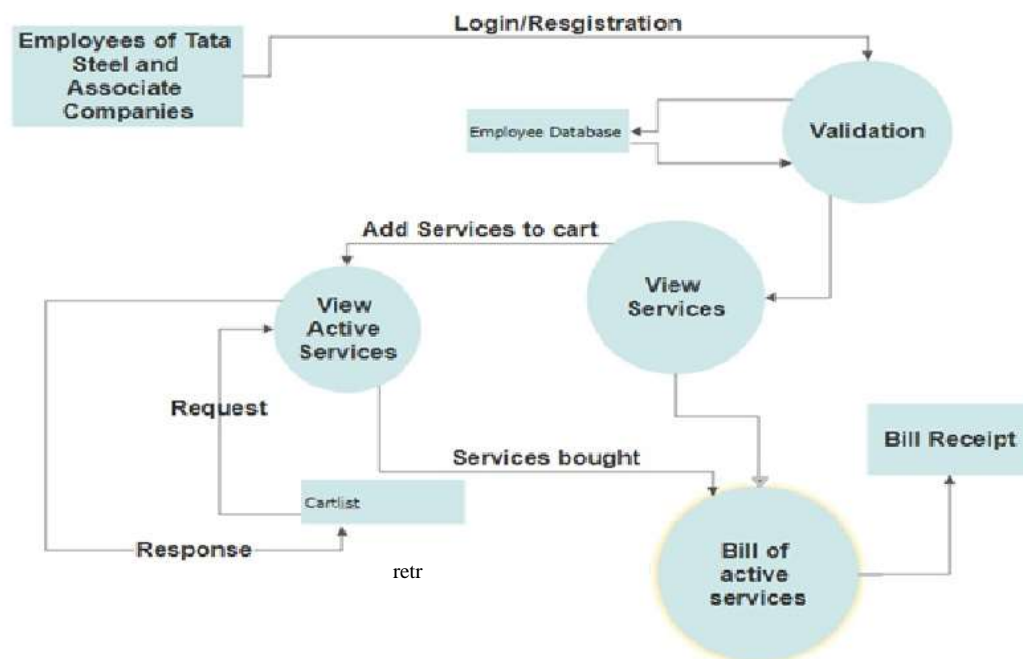
4.4.1 DFD 0 Level

The 0 Level DFD shows flow of data of application. DFD Level 0 is also called a Context Diagram. It's a basic overview of the whole system or process being analysed or modeled.



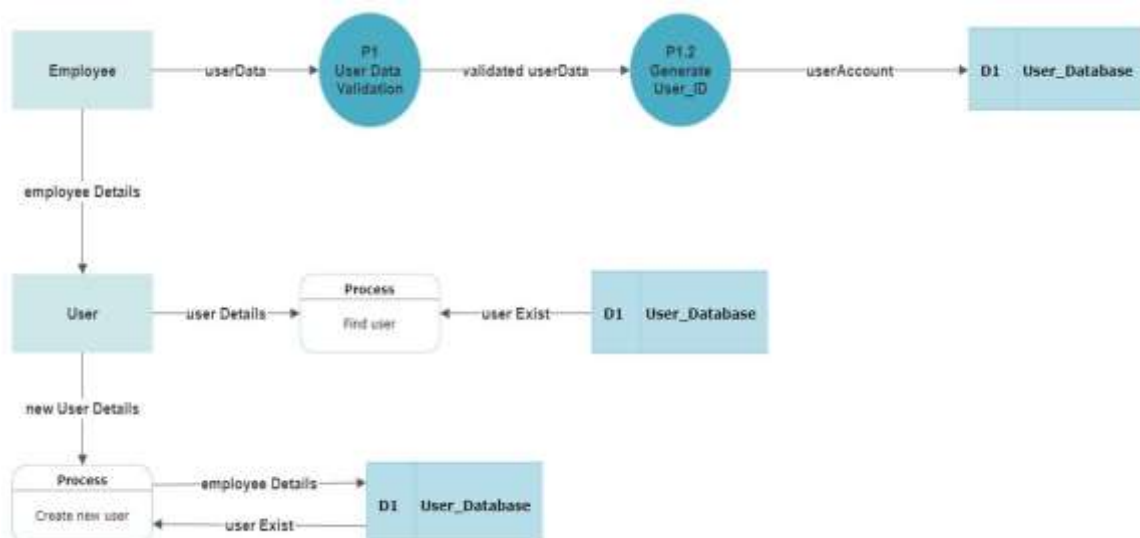
4.4.2 DFD 1 Level

DFD Level 1 provides a more detailed breakout of pieces of the Context Level Diagram. This DFD describes main functions carried out by the system, as we break down the high-level process of the Context Diagram into its sub-processes.



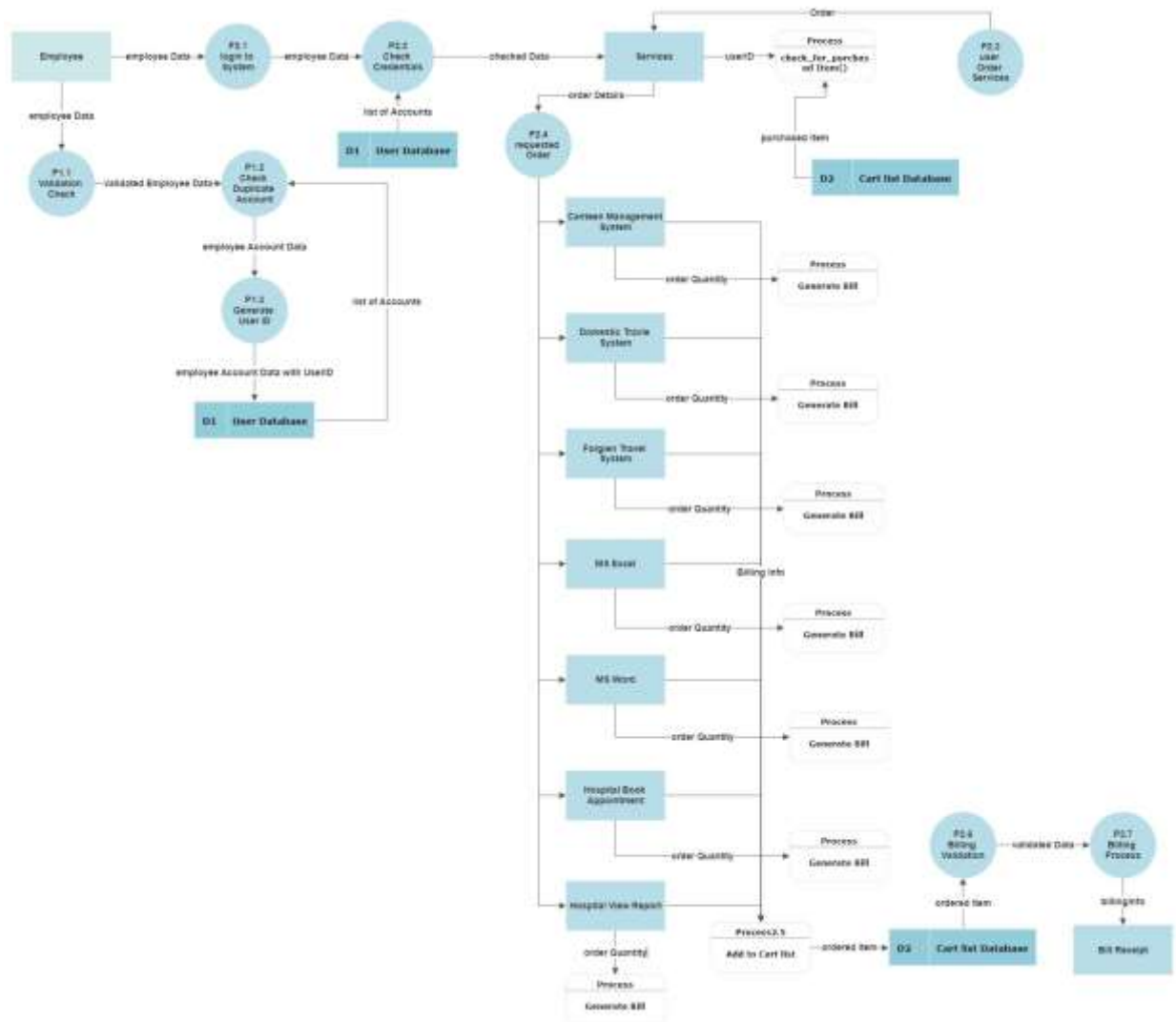
4.4.3 DFD 2 Level

The DFD 2 Level describes flow of data in more detail. DFD Level 2 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.



4.4.4 DFD 3 Level

The DFD 3 Level describes flow of data in more detail. DFD Level 3 goes one step deeper into parts of Level 2. It may require more text to reach the necessary level of detail about the system's functioning.

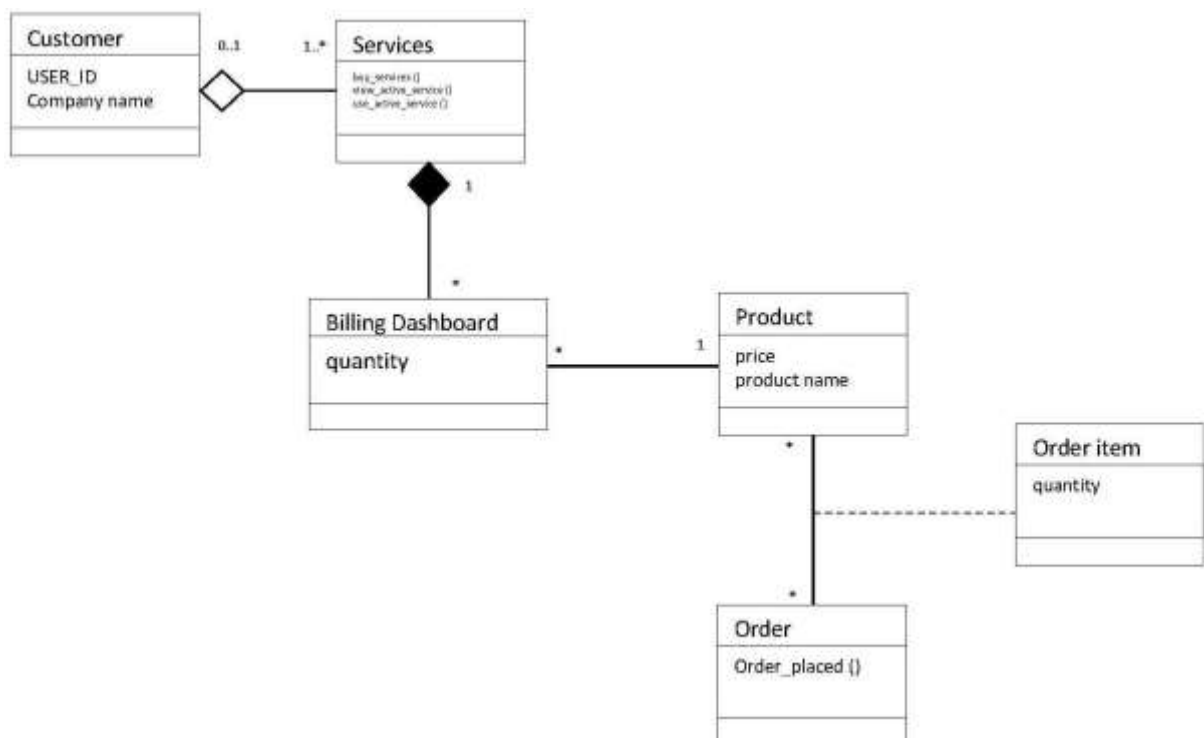


4.5 Conceptual Model

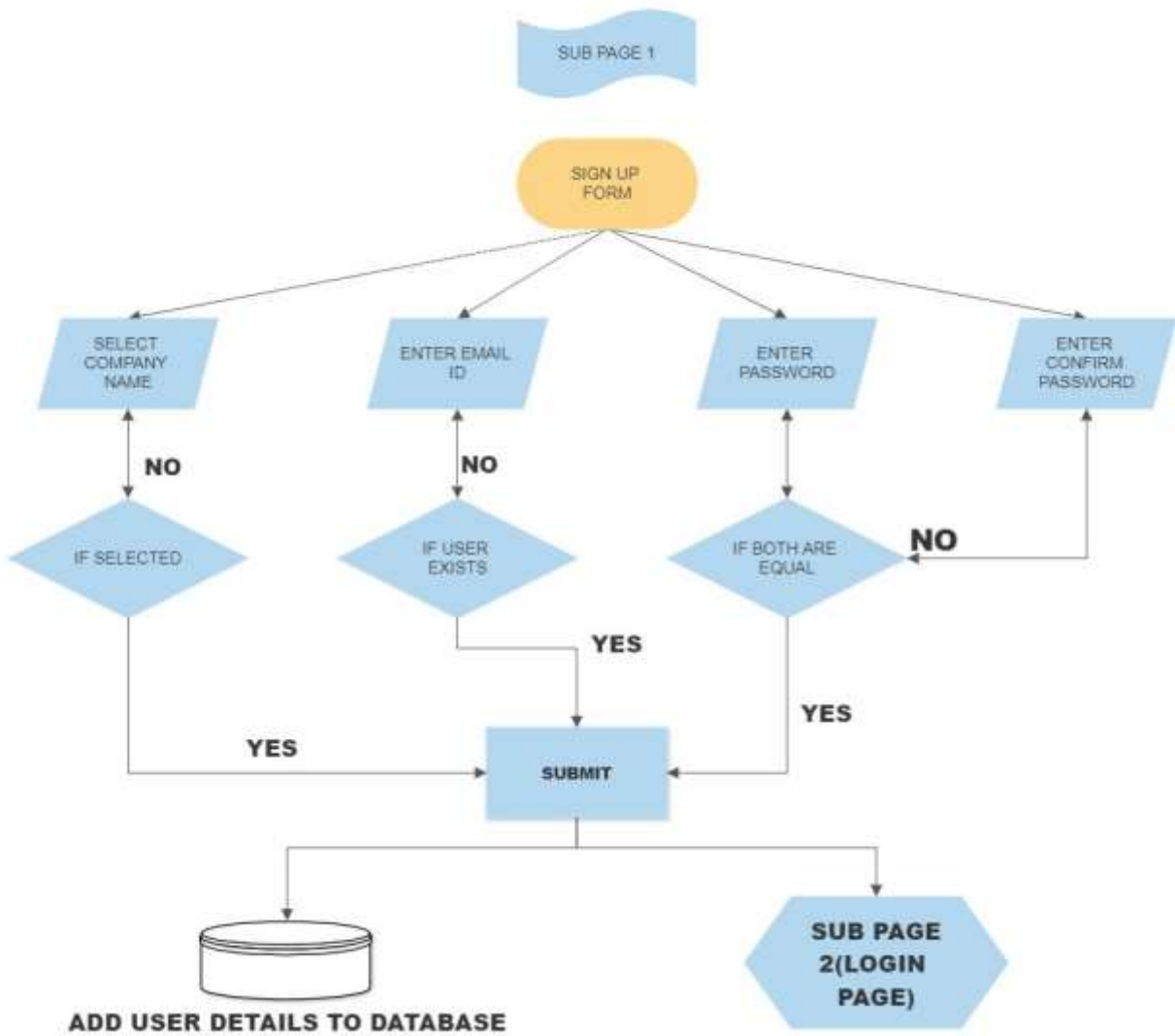
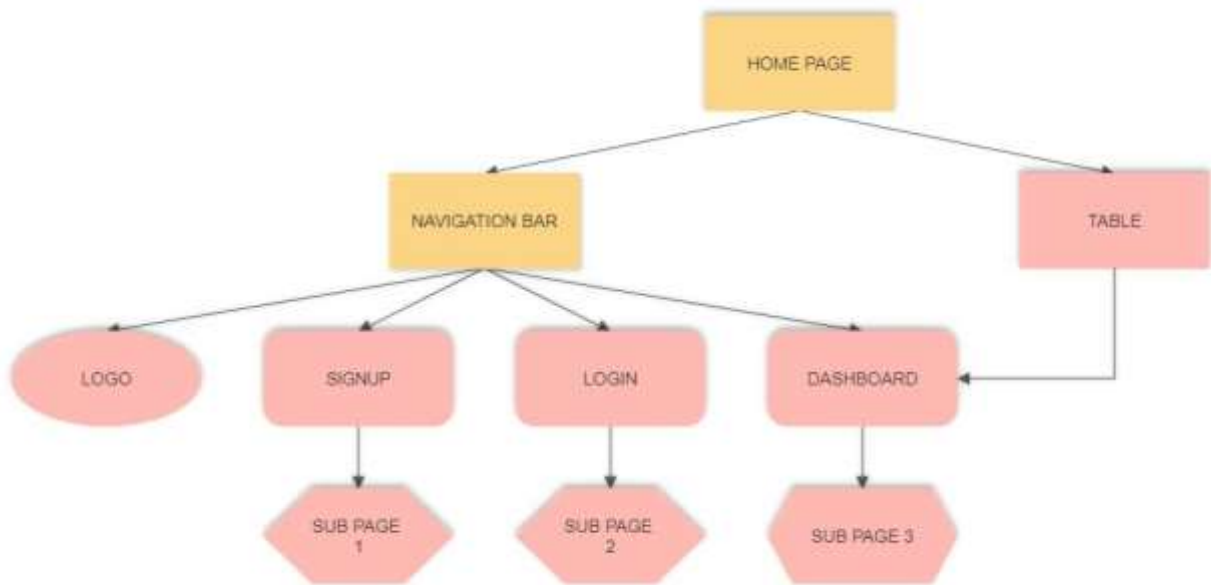
A conceptual model is the mental model that we carry of how something should be done. Conceptual modeling can be carried out at a very early point in the design cycle so that there is a basic understanding of how users conceive tasks and this can then be brought to bear on UI design. The ability to sketch conceptual models quickly and easily can save large amounts of time in UI design and help deliver more intuitive applications. We build mental models of concepts without thinking about it; it helps us categorize things in our lives easily and simply.

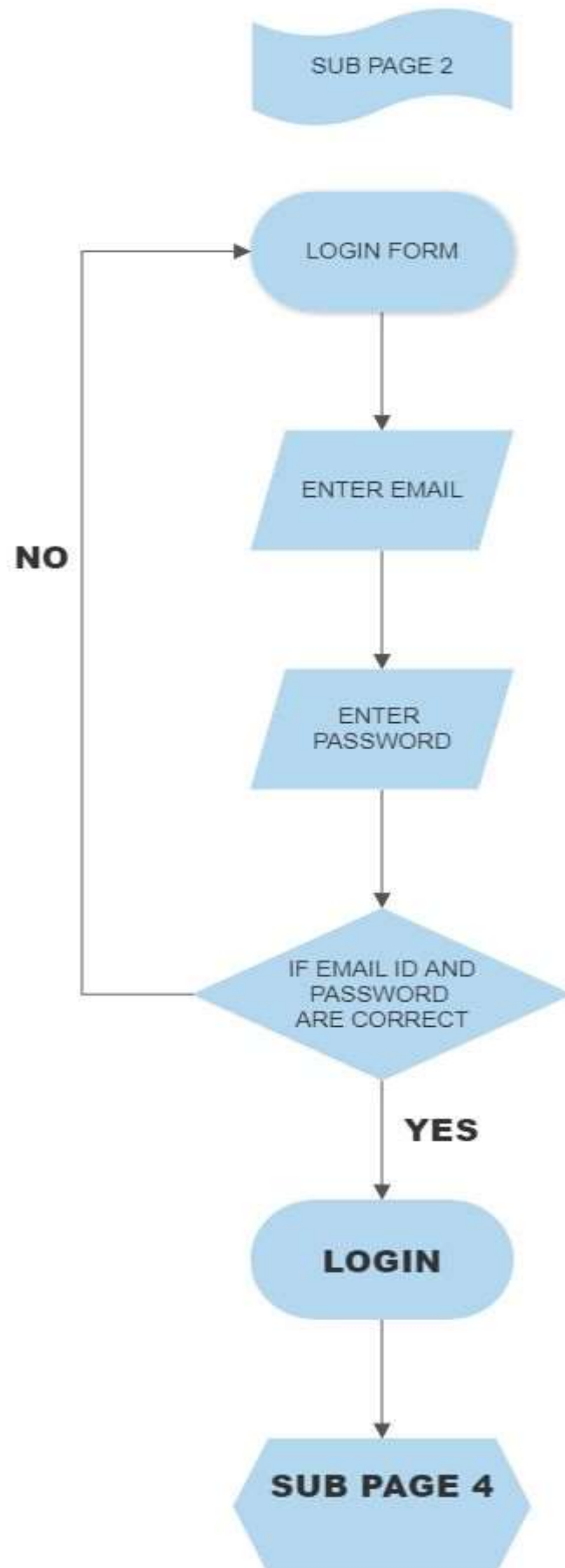
Conceptual Model is represented by boxes:-

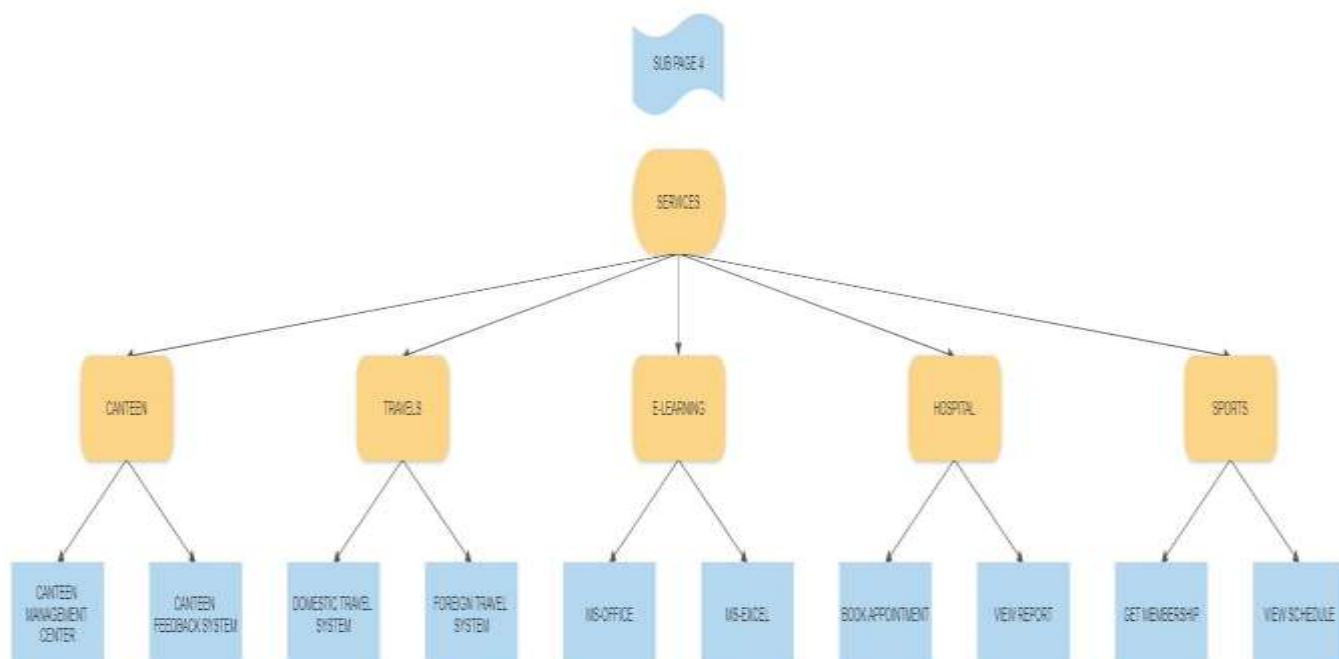
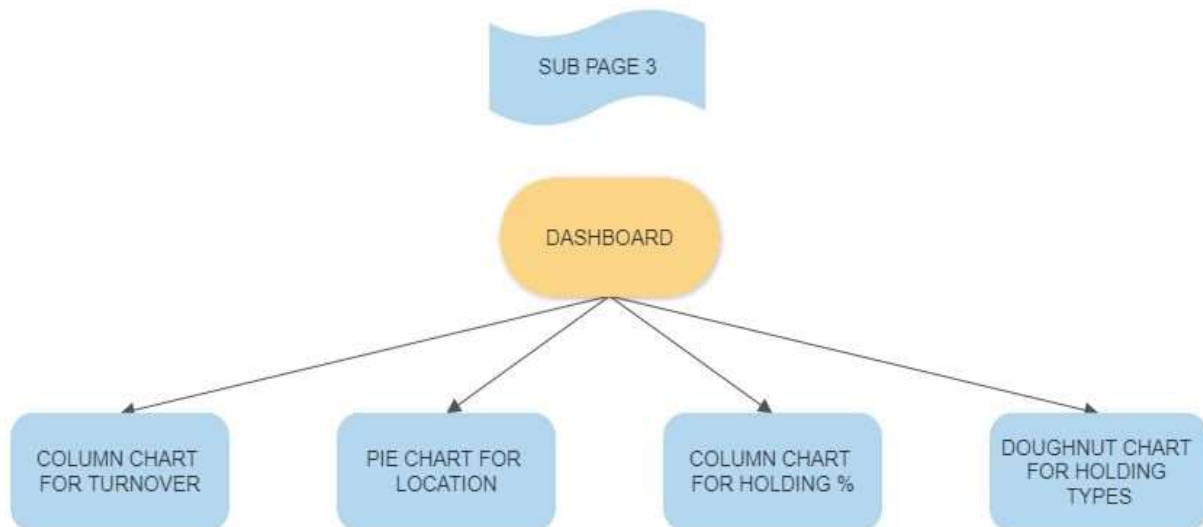
- It provides a high-level understanding of how our applications will work
- It allows you to try to match the way the applications works with the mental models of users. This in turn should make the application more usable and intuitive.
- It allows us to see how well our conceptual model matches different mental models.
- It allows us to examine when a mental model is not aligned with the conceptual model and to decide whether we are going to shift the conceptual model or to try and shift the user's mental model.



4.6 Process Logic







4.7 Data Integrity

Data integrity is the overall completeness, accuracy and consistency of data. This can be indicated by the absence of alteration between two instances or between two updates of a data record, meaning data is intact and unchanged. Data integrity is usually imposed during the database design phase through the use of standard procedures and rules. The concept of data integrity ensures that all data in a database can be traced and connected to other data. This ensures that everything is recoverable and searchable. Having a single, well-defined and well-controlled data integrity system increases stability, performance, reusability and maintainability. Data values are standardized according to a data model and data type. All characteristics of the data must be correct including business rules, relations, dates and definitions for data to be complete. Data integrity is imposed within a database when it is designed and is authenticated through the ongoing use of error checking and validation routines. As a simple example, to maintain data integrity numeric columns/cells should not accept alphabetic data.

4.8 Data Dictionary

A data dictionary contains a list of all files in the database, the number of records in each file, and the names and types of each field. Most database management systems keep the data dictionary hidden from users to prevent them from accidentally destroying its contents. For most relational database management systems (RDBMS), the database management system software needs the data dictionary to access the data within a database. For example, the Oracle Database software has to read and write to an Oracle Database. However, it can only do this via the data dictionary created for that particular database.

Table Name: Signup

Attributes	Data Type	Description
u_id	Int	Stores the ID of Employees
Company_name	Varchar (50)	Stores the company name of the Employees
Company_email	Varchar (50)	Stores the email of the Employees
Company_pass	Varchar (50)	Stores the password

Table Name: Website

Attributes	Data Type	Description
u_id	Int	Stores the ID of website
Web_id	int	Stores the website id of the Company
Site_name	Varchar(50)	Stores the Website link of the company
Logo_url	Varchar (50)	Stores the logo link of the company
Comp_name	Varchar (50)	Stores the company name

Table Name: Organisation

Attributes	Data Type	Description
u_id	Int	Stores the ID of website
Web_id	int	Stores the website id of the Company
Comp_name	Varchar (50)	Stores the company name

Table Name: Cart List

Attributes	Data Type	Description
u_id	Int	Stores the ID
CMS	int	Stores the value 0 or 1 based on service is bought by the employee
DTS	int	Stores the value 0 or 1 based on service is bought by the employee
FTS	int	Stores the value 0 or 1 based on service is bought by the employee
MSC	int	Stores the value 0 or 1 based on service is bought by the employee
MSW	int	Stores the value 0 or 1 based on service is bought by the employee
HBA	int	Stores the value 0 or 1 based on service is bought by the employee
HBR	int	Stores the value 0 or 1 based on service is bought by the employee
SGM	int	Stores the value 0 or 1 based on service is bought by the employee

4.9 Normalization

Normalization is a database design technique that reduces data redundancy and eliminates undesirable characteristics like Insertion, Update and Deletion Anomalies. Normalization rules divide larger tables into smaller tables and link them using relationships. The purpose of Normalization in SQL is to eliminate redundant (repetitive) data and ensure data is stored logically.

The Theory of Data Normalization in SQL server is still being developed further. For example, there are discussions even on 6th Normal Form. However, in most practical applications, normalization achieves its best in 3rd Normal Form.



4.9.1 1NF (First Normal Form) Rules

- Each table cell should contain a single value.
- Each record needs to be unique.

The below table in 1NF-

Email	Comp Name	Web ID	CMS	DTS	FTS	MSE	MSW	HBA	HVR	SGM	SITENAME	LOGO URL
sanjubodra@gmail.com	BPPL	3	1	1	1	1	1	1	1	1	bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
sanjubodra@gmail.com	JUSCO	2	1	1							www.jusco ltd.com	https://media.glassdoor.com/sql/514166/jusco-squarelogo.png
pantulasara@gmail.com	BPPL	3	1								bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
abc@gmail.com	BPPL	3	1								bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
sarala@gmail.com	TSAL	4		1	1	1	1	1	1		www.tsalloys.com	https://www.tsalloys.com/images/logo.png
kl@gmail.com	JUSCO	2			1			1	1		www.jusco ltd.com	https://media.glassdoor.com/sql/514166/jusco-squarelogo.png
asdf@sfg.com	TPL	5									www.tatapigments.co.in	https://www.tatapigments.co.in/images/tatapigment-logo-col.png

4.9.2 2NF (Second Normal Form) Rules

- Rule 1- Be in 1NF
- Rule 2- Single Column Primary Key

It is clear that we can't move forward to make our simple database in 2nd Normalization form unless we partition the table above.

User ID	Email	CMS	DTS	FTS	MSE	MSW	HBA	HVR	SGM	SITENAME	LOGOURL
1001	sanjubodra@gmail.com	1	1	1	1	1	1	1	1	bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
1002	sanjubodra@gmail.com	1	1							www.juscoltd.com	https://media.glassdoor.com/sql/514166/jusco-squarelogo.png
1003	pantulasarala@gmail.com	1								bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
2002	abc@gmail.com	1								bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
3004	sarala@gmail.com		1	1	1	1	1	1		www.tsalloys.com	https://www.tsalloys.com/images/logo.png
3005	kl@gmail.com			1			1	1		www.juscoltd.com	https://media.glassdoor.com/sql/514166/jusco-squarelogo.png
3006	asdf@sfg.com									www.tatapigments.co.in	https://www.tatapigments.co.in/images/tatapigment-logo-col.png

4.9.3 3NF (Third Normal Form) Rules

- Rule 1- Be in 2NF
- Rule 2- Has no transitive functional dependencies

To move our 2NF table into 3NF, we again need to divide table.

User ID	Email	CMS	DTS	FTS	MSE	MSW	HBA	HVR	SGM
1001	sanjubodra@gmail.com	1	1	1	1	1	1	1	1
1002	sanjubodra@gmail.com	1	1						
1003	pantulasarala@gmail.com	1							
2002	abc@gmail.com	1							
3004	sarala@gmail.com		1	1	1	1	1	1	
3005	kl@gmail.com			1			1	1	
3006	asdf@sfg.com								

User ID	Company Name	SITENAME	LOGOURL
1001	BPPL	bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
1002	JUSCO	www.juscoltd.com	https://media.glassdoor.com/sql/514166/jusco-squarelogo.png
1003	BPPL	bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
2002	BPPL	bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
3004	TSAL	www.tsalloys.com	https://www.tsalloys.com/images/logo.png
3005	JUSCO	www.juscoltd.com	https://media.glassdoor.com/sql/514166/jusco-squarelogo.png
3006	TPL	www.tatapigments.co.in	https://www.tatapigments.co.in/images/tatapigment-logo-col.png

4.9.4 BCNF (Boyce-Codd Normal Form)

Even when a database is in 3rd Normal Form, still there would be anomalies resulted if it has more than one **Candidate Key**.

Sometimes is BCNF is also referred as **3.5 Normal Form**.

4.9.5 4NF (Fourth Normal Form) Rules

If no database table instance contains two or more, independent and multivalued data describing the relevant entity, then it is in 4th Normal Form.

User ID	Email	CMS	DTS	FTS	MSE	MSW	HBA	HVR	SGM
1001	sanjubodra@gmail.com	1	1	1	1	1	1	1	1
1002	sanjubodra@gmail.com	1	1						
1003	pantulasarala@gmail.com	1							
2002	abc@gmail.com	1							
3004	sarala@gmail.com		1	1	1	1	1	1	
3005	kl@gmail.com			1			1	1	
3006	asdf@sfg.com								

Web ID	Company Name	SITENAME	LOGOURL
1	BPPL	bhubaneshwarpower.com	https://www.bhubaneshwarpower.com/img/core-img/logo.png
2	JUSCO	www.juscoltd.com	https://media.glassdoor.com/sql/514166/jusco-squarelogo.png
3	TSAL	www.tsalloys.com	https://www.tsalloys.com/images/logo.png
4	TPL	www.tatapigments.co.in	https://www.tatapigments.co.in/images/tatapigment-logo-col.png

Id	Company Name	Web ID
1	BPPL	3
2	JUSCO	2
3	TSAL	4
4	TPL	5

4.9.6 5NF (Fifth Normal Form) Rules

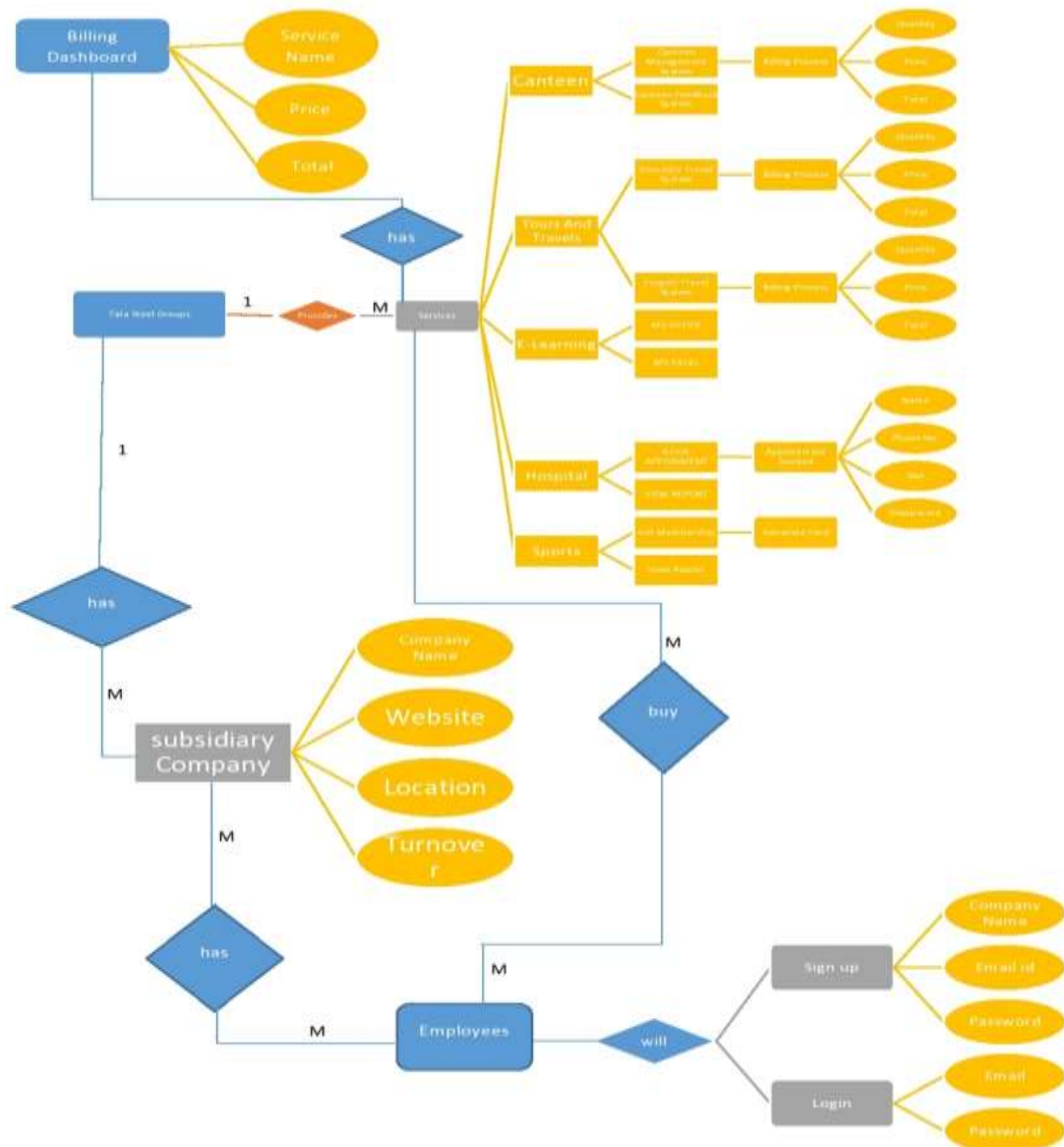
A table is in 5th Normal Form only if it is in 4NF and it cannot be decomposed into any number of smaller tables without loss of data.

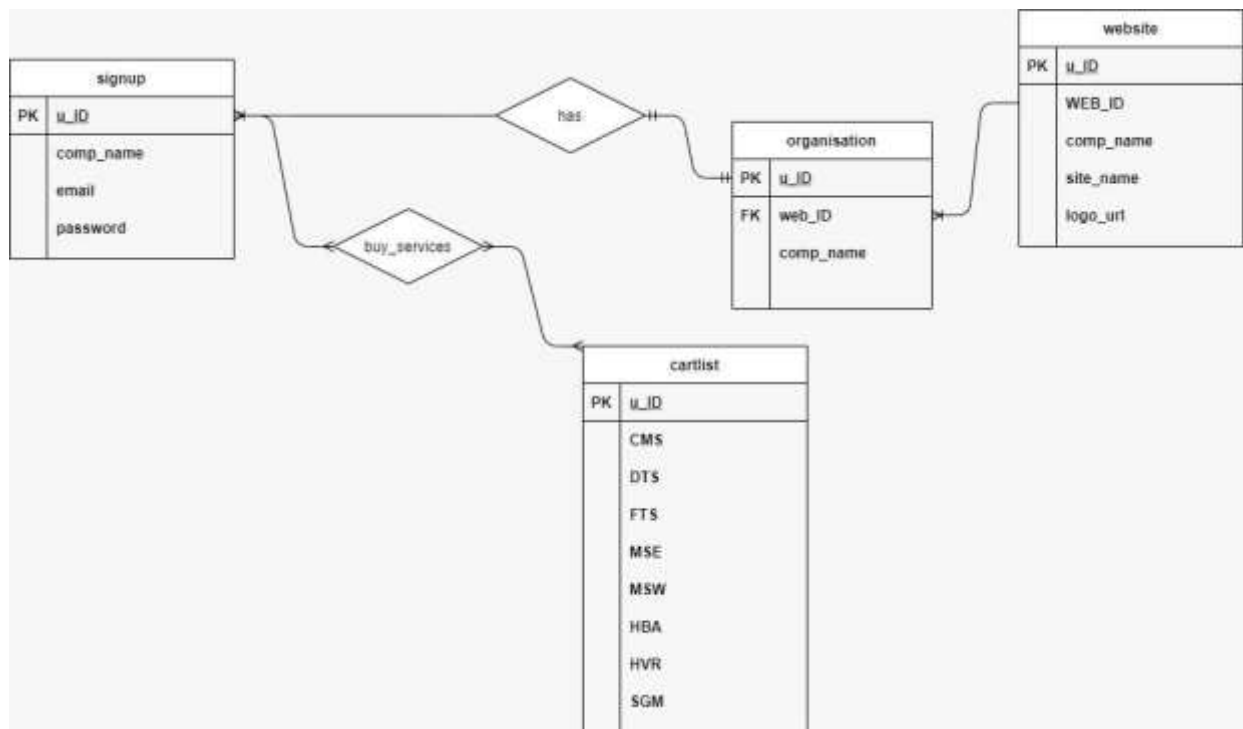
4.9.7 6NF (Sixth Normal Form) Proposed

6th Normal Form is not standardized, yet however, it is being discussed by database experts for some time. Hopefully, we would have a clear & standardized definition for 6th Normal Form in the near future.

4.10 Entity Relationship Diagram (ER-Diagram) & Model

An Entity Relationship Diagram (ERD) is a visual representation of different entities within a system and how they relate to each other. 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.





4.11 Gantt Chart

Gantt chart was invented by a mechanical engineer named Henry Gantt in 1910. A Gantt chart is simply a type of bar chart that visually represents a project plan over time. It shows start and end dates for tasks, displays milestones, and allows for dependencies between tasks. With all the features of Henry Gantt's project management system, it's no wonder that even now, more than 100 years later, the Gantt chart is still the preferred tool for managing projects of all sizes and types.

Week	1	2	3	4	5	6
Tasks to be Performed						
<u>Basic framework</u>						
home page						
sign up page						
login page						
table						
all service pages						
<u>apply logics</u>						
login page						
sign up page						
service page						
active services						
<u>Databases and connections</u>						
Databases for sign up and login						
database for website logos and organisation information						
Database for cartlist						
connecting database to login and signup						
connecting cartlist database to active service page						
<u>Dashboard for table</u>						
graphs for table						
<u>Testing</u>						
Checking for Errors						
Rectifying Errors						
Re Testing after rectification of Erros						
<u>Delivery</u>						

CHAPTER 5: Code Implementation and Testing

5.1 Coding Details and Code Efficiency

Home.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="home.aspx.cs"
Inherits="WebApplication1.WebForm1" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <link rel="stylesheet" type="text/css" href="style.css" />
    <link rel="stylesheet" type="text/css" href="tsgc_table.css" />
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css"/>
    <title>Home</title>
    <style type="text/css">
        .button {
            background-color: #4CAF50; /* Green */
            border: none;
            color: white;
            padding: 15px 32px;
            text-align: center;
            text-decoration: none;
            display: inline-block;
            font-size: 16px;
        }
        .styling{
            text-align:center;
            margin-top:5%;
        }
    </style>
</head>
<body>
    <div class="topnav">
        <a href="https://www.tatasteel.com/" style="padding:0px;" target="_blank"></a>
        <a href="home.aspx" class="fa fa-home active" style="height:35px; width:35px;font-size:35px;"/></a>
        <a style="float:right;height:35px;font-size:25px;" href="signup.aspx">Sign Up</a>
        <a style="float:right;height:35px;font-size:25px;" href="login.aspx">Login</a>
    </div>
    <div class="bg">
<h1 class="h1" >Tata Steel Group Companies</h1>
        </div>
<div style="padding-left:16px">
    <table>
<tr><th>Name of the Company</th><th>Holding
Type</th><th>Holding(%)</th><th>Turnover(Crore)</th><th>Location</th><th>State</th><th>CEO/Managing
Director</th><th>website</th></tr>
<tr><td>Jamshedpur Utilities & Services Company Limited
(JUSCO)</td><td>Subsidiary</td><td>100</td><td>1114.13</td><td>Jamshedpur</td><td>Jharkhand</td><td>
Tarun Daga</td><td><a href="https://www.juscoind.com/" target="_blank">Click to view Website</a></td></tr>
<tr><td>Tata Pigments
Limited</td><td>Subsidiary</td><td>100</td><td>115.7</td><td>Jamshedpur</td><td>Jharkhand</td><td>Shu
bhenjit Chaudhuri</td><td><a href="https://tatapigments.co.in/" target="_blank">Click to view
Website</a></td></tr>
```


<tr><td>Tata Steel Alloys Limited </td><td>Subsidiary</td><td>100</td><td>174.96</td><td>Cuttack
 </td><td>Odisha</td><td>Bibhudutta Nanda</td><td>Click
 to view Website</td></tr>

<tr><td>Tata Steel Processing and Distribution Limited
 (TSPDL)</td><td>Subsidiary</td><td>100</td><td>4280.92</td><td>Jamshedpur</td><td>Jharkhand</td><td>
 Abraham Stephenson</td><td>Click to view
 Website</td></tr>

<tr><td>Adityapur Toll Bridge Company
 Limited</td><td>Subsidiary</td><td>88.5</td><td>7.87</td><td>Jamshedpur</td><td>Jharkhand</td><td>Ritu
 Raj Sinha</td><td>--</td></tr>

<tr><td>Tinplate Company of India
 Limited</td><td>Subsidiary</td><td>74.96</td><td>2611.1</td><td>Jamshedpur</td><td>Jharkhand</td><td>
 R N Murthy</td><td>Click to view
 Website</td></tr>

<tr><td>Tayo Rolls
 Limited</td><td>Subsidiary</td><td>54.91</td><td>0</td><td>Jamshedpur</td><td>Jharkhand</td><td>Anan
 d Sen</td><td>--</td></tr>

<tr><td>Tata Sponge Iron
 Limited</td><td>Subsidiary</td><td>54.5</td><td>992.05</td><td>Keojhar</td><td>Odisha</td><td>Sanjay
 Pattanaik</td><td>--</td></tr>

<tr><td>Jamshedpur Continuous Annealing and Processing Co Pvt
 Ltd</td><td>Subsidiary</td><td>51</td><td>371.37</td><td>Jamshedpur</td><td>Jharkhand</td><td>Chaval
 Venkat Shastry</td><td>--</td></tr>

<tr><td>The Indian Steel & Wire
 Limited</td><td>Subsidiary</td><td>95.01</td><td>288.64</td><td>Jamshedpur</td><td>Jharkhand</td><td>
 Neeraj Kant</td><td>Click to view Website</td></tr>

<tr><td>TM International Logistics
 Limited</td><td>subsidiary</td><td>51</td><td>198.72</td><td>Kolkata</td><td>West
 Bengal</td><td>Ashish Kr Gupta</td><td>Click to view
 Website</td></tr>

<tr><td>Tata Metaliks
 Limited</td><td>subsidiary</td><td>50.09</td><td>2155.11</td><td>Kolkata</td><td>West
 Bengal</td><td>Sandeep Kumar</td><td>Click to
 view Website</td></tr>

<tr><td>mjunction Services Limited</td><td>Joint
 Venture</td><td>50</td><td>139.62</td><td>Kolkata</td><td>West Bengal</td><td>Vinaya
 Verma</td><td>Click to view Website</td></tr>

<tr><td>S & T Mining Company Private Limited</td><td>Joint Venture</td><td>50</td><td>-
 4.61</td><td>Kolkata</td><td>West Bengal</td><td>Harsh Sachdev</td><td>Click to view Website</td></tr>

<tr><td>Tata BlueScope Steel Limited</td><td>Joint
 Venture</td><td>50</td><td>400.52</td><td>Jamshedpur</td><td>Jharkhand</td><td>Mark R.
 Vassella</td><td>Click to view Website</td></tr>

<tr><td>Tata NYK Shipping Private Limited</td><td>Joint
 Venture</td><td>50</td><td>1.74</td><td>Kolkata</td><td>West Bengal</td><td>Amitabh Panda</td><td>Click to view Website</td></tr>

<tr><td>JAMIPOL
 Limited</td><td>Associate</td><td>39.78</td><td>42.734</td><td>Jamshedpur</td><td>Jharkhand</td><td>A
 darsh Kumar Agrawal</td><td>Click to view
 Website</td></tr>

<tr><td>Bhubaneshwar Power Private
 Limited</td><td>Subsidiary</td><td>100</td><td>540.63</td><td>Bhubaneswar
 </td><td>Odisha</td><td>Sharad Kumar</td><td><a href="https://bhubaneshwarpower.com/"
 target="_blank">Click to view Website</td></tr>

<tr><td>Jamshedpur Football and Sporting Private
 Limited</td><td>subsidiary</td><td>100</td><td>46.52</td><td>Mumbai
 </td><td>Maharashtra</td><td>Mukul choudhary</td><td><a href="https://www.fcjamshedpur.com/"
 target="_blank">Click to view Website</td></tr>

<tr><td>Tata Steel Foundation</td><td>subsidiary</td><td>100</td><td>43.66</td><td>Mumbai
 </td><td>Maharashtra</td><td>Kaushik Chatterjee</td><td>--</td></tr>

<tr><td>TKM Global Logistics Ltd.</td><td>Joint
 Venture</td><td>100</td><td>27.72</td><td>Kolkata</td><td>West Bengal</td><td>Anand

Table.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Page Title</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href='https://fonts.googleapis.com/css?family=Bevan' rel='stylesheet'>
  <style>
    * {
      box-sizing: border-box;
    }

    body {
      font-family: Arial, Helvetica, sans-serif;
      margin: 0;
    }

    h1 {
      font-size: 172px;
      background: #f60c0c;
      -webkit-background-clip: text;
      -webkit-text-fill-color: transparent;
      font-family: 'Bevan';
    }

    .header {
      padding: 80px;
      text-align: center;
      background-image: url('dashboard.png');
      background-repeat: no-repeat;
      background-attachment: fixed;
      background-size: 100% 42%;
      color: white;
    }

    .header h1 {
      font-size: 40px;
    }

    .navbar {
      overflow: hidden;
      background-color: #333;
    }

    .navbar a {
      float: left;
      display: block;
      color: white;
      text-align: center;
      padding: 14px 20px;
      text-decoration: none;
    }

    .navbar a.right {
      float: right;
    }

    .navbar a:hover {
      background-color: #ddd;
      color: black;
    }

    .row {
```

```

        display: flex;
        flex-wrap: wrap;
    }

    .side {
        flex: 10px;
        background-color: #f1f1f1;
        padding: 20px;
    }

    .main {
        flex: 70%;
        background-color: white;
        padding: 10px;
    }

    .button {
        background-color: #4CAF50;
        border: none;
        color: white;
        padding: 15px 32px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
        font-size: 16px;
        margin: 4px 2px;
        cursor: pointer;
        width: 180px;
    }
}
</style>
<script type="text/javascript" src="https://www.gstatic.com/charts/loader.js"></script>
<script type="text/javascript">
    function A()
    {
        google.charts.load("current", {packages:['corechart']});
        google.charts.setOnLoadCallback(drawChart);
        function drawChart() {
            var data = google.visualization.arrayToDataTable([
                ["Company Name", "Turnover", { role: "style" } ],
                ['Jamshedpur Utilities & Services Company Limited (JUSCO)',1114.13,'#4da6ff'],
                ['Tata Pigments Limited',115.7,'#4da6ff'],
                ['Tata Steel Alloys Limited',174.96,'#4da6ff'],
                ['Tata Steel Processing and Distribution Limited (TSPDL)',4280.92,'#4da6ff'],
                ['Adityapur Toll Bridge Company Limited',7.87,'#4da6ff'],
                ['Tinplate Company of India Limited',2611.1,'#4da6ff'],
                ['Tayo Rolls Limited',0,'#4da6ff'],
                ['Tata Sponge Iron Limited',992.05,'#4da6ff'],
                ['Jamshedpur Continuous Annealing and Processing Co Pvt Ltd',371.37,'#4da6ff'],
                ['The Indian Steel & Wire Limited',288.64,'#4da6ff'],
                ['TM International Logistics Limited',198.72,'#4da6ff'],
                ['Tata Metaliks Limited',2155.11,'#4da6ff'],
                ['mjunction Services Limited',139.62,'#4da6ff'],
                ['S & T Mining Company Private Limited',-4.61,'#4da6ff'],
                ['Tata BlueScope Steel Limited',400.52,'#4da6ff'],
                ['Tata NYK Shipping Private Limited',1.74,'#4da6ff'],
                ['JAMIPOL Limited',42.734,'#4da6ff'],
                ['Bhubaneshwar Power Private Limited',540.63,'#4da6ff'],
                ['Jamshedpur Football and Sporting Private Limited',46.52,'#4da6ff'],
                ['Tata Steel Foundation',43.66,'#4da6ff'],
                ['TKM Global Logistics Ltd.',27.72,'#4da6ff'],
                ['Kalzip Indian Private Ltd.',24.07,'#4da6ff'],
                ['Naba Diganta Water Management Limited',16.89,'#4da6ff'],
            ]);
        }
    }
}

```

```

    ['Tata Steel Special Economic Zone Ltd.',0.38,'#4da6ff'],
    ['TM Mining Company Ltd.',0,'#4da6ff'],
    ['Sez Adityapur Ltd.',0.04,'#4da6ff']
  ]);

  var view = new google.visualization.DataView(data);
  view.setColumns([0, 1, 2]);

  var options = {
    title: "Turnover of the Subsidiary Companies",
    width: 1200,
    height: 500,
    colors: ['#4da6ff'],
    bar: {groupWidth: "80%"},
    legend: { position: "top" },
    animation:{
      startup: true,
      duration: 600,
      easing: 'in',}
  };
  var chart = new google.visualization.ColumnChart(document.getElementById("columnchart_turnover"));
  chart.draw(view, options);
}
document.getElementById("columnchart_turnover").style.display = "";
document.getElementById("columnchart_holdings").style.display = "none";
document.getElementById("piechart").style.display = "none";
document.getElementById("piechart_holdings").style.display = "none";
}
</script>
<script type="text/javascript">
  function B()
  {
    google.charts.load("current", {packages:['corechart']});
    google.charts.setOnLoadCallback(drawChart);
    function drawChart() {
      var data = google.visualization.arrayToDataTable([
        ["Company Name", "Holdings", { role: "style" } ],
        ['Jamshedpur Utilities & Services Company Limited (JUSCO)',100,'#FF5B86'],
        ['Tata Pigments Limited',100,'#FF5B86'],
        ['Tata Steel Alloys Limited',100,'#FF5B86'],
        ['Tata Steel Processing and Distribution Limited (TSPDL)',100,'#FF5B86'],
        ['Adityapur Toll Bridge Company Limited',88.5,'#FF5B86'],
        ['Tinplate Company of India Limited',74.96,'#FF5B86'],
        ['Tayo Rolls Limited',54.91,'#FF5B86'],
        ['Tata Sponge Iron Limited',54.5,'#FF5B86'],
        ['Jamshedpur Continuous Annealing and Processing Co Pvt Ltd',51,'#FF5B86'],
        ['The Indian Steel & Wire Limited',95.01,'#FF5B86'],
        ['TM International Logistics Limited',51,'#FF5B86'],
        ['Tata Metaliks Limited',50.09,'#FF5B86'],
        ['mjunction Services Limited',50,'#FF5B86'],
        ['S & T Mining Company Private Limited',50,'#FF5B86'],
        ['Tata BlueScope Steel Limited',50,'#FF5B86'],
        ['Tata NYK Shipping Private Limited',50,'#FF5B86'],
        ['JAMIPOL Limited',39.78,'#FF5B86'],
        ['Bhubaneshwar Power Private Limited',100,'#FF5B86'],
        ['Jamshedpur Football and Sporting Private Limited',100,'#FF5B86'],
        ['Tata Steel Foundation',100,'#FF5B86'],
        ['TKM Global Logistics Ltd.',100,'#FF5B86'],
        ['Kalzip Indian Private Ltd.',0,'#FF5B86'],
        ['Naba Diganta Water Management Limited',74,'#FF5B86'],
        ['Tata Steel Special Economic Zone Ltd.',100,'#FF5B86'],
        ['TM Mining Company Ltd.',74,'#FF5B86'],

```

```

        ['Sez Adityapur Ltd.',51,'#FF5B86']
    ]);

    var view = new google.visualization.DataView(data);
    view.setColumns([0, 1, 2]);

    var options = {
        title: "Holdings of the Subsidiary Companies",
        width: 1200,
        height: 500,
        colors: ['#FF5B86'],
        bar: { groupWidth: "80%" },
        legend: { position: "top" },
        animation: {
            startup: true,
            duration: 600,
            easing: 'in',
        }
    };
    var chart = new google.visualization.ColumnChart(document.getElementById("columnchart_holdings"));
    chart.draw(view, options);
}
document.getElementById("columnchart_turnover").style.display = "none";
document.getElementById("columnchart_holdings").style.display = "";
document.getElementById("piechart").style.display = "none";
document.getElementById("piechart_holdings").style.display = "none";
}
</script>
<script type="text/javascript">
    function C()
    {
        google.charts.load('current', { 'packages':['corechart'] });
        google.charts.setOnLoadCallback(drawChart);

        function drawChart() {

            var data = google.visualization.arrayToDataTable([
                ['States', 'Numbers of Companies',
                ['Jharkhand', 11],
                ['West Bengal', 8],
                ['Odisha', 4],
                ['Maharashtra', 2],
                ['Haryana', 1],
            ]]);

            var options = {
                width: 700,
                height: 500,
                legend: { position: "top" },
                title: 'Location',
                colors:['#249A00','#36B601','#41CD08','#48DC0C','#59EB1D'],
                animation:{
                    startup: true,
                    duration: 600,
                },
                chartArea:{left:20,top:70,width:'80%',height:'75%'},
                pieSliceText : 'none'
            };

            var chart = new google.visualization.PieChart(document.getElementById('piechart'));

            chart.draw(data, options);
        }
    }

```

```

document.getElementById("columnchart_turnover").style.display = "none";
document.getElementById("columnchart_holdings").style.display = "none";
document.getElementById("piechart").style.display = "";
document.getElementById("piechart_holdings").style.display = "none";
}
</script>
<script type="text/javascript">
    function D()
    {
        google.charts.load('current', { 'packages': ['corechart'] });
        google.charts.setOnLoadCallback(drawChart);

        function drawChart() {

            var data = google.visualization.arrayToDataTable([
                ['Holdings', 'Types'],
                ['Subsidiary', 17],
                ['Joint Venture', 8],
                ['Associate', 1],
            ]);

            var options = {
                legend: { position: "top" },
                title: 'Holdings Types',
                colors: ['#07B1D1', '#13C5E7', '#18D9FE'],
                pieHole: 0.4,
                animation: {
                    startup: true,
                    duration: 600,
                },
                chartArea: { left: 20, top: 70, width: '80%', height: '75%' },
                pieSliceText: 'none'
            };

            var chart = new google.visualization.PieChart(document.getElementById('piechart_holdings'));

            chart.draw(data, options);
        }
        document.getElementById("columnchart_turnover").style.display = "none";
        document.getElementById("columnchart_holdings").style.display = "none";
        document.getElementById("piechart").style.display = "none";
        document.getElementById("piechart_holdings").style.display = "";
    }
</script>
</head>
<body onload="A()">

    <div class="header">
        <h1>View table in dashboard</h1>
    </div>

    <div class="navbar">
        <a href="home.aspx">Home</a>
        <a href="login.aspx">Login</a>
        <a href="signup.aspx" class="right">Signup</a>
    </div>

    <div class="row">
        <div class="side">
            <button class="button" onclick="A()">Turnover</button><br>
            <button class="button" onclick="B()">Holdings</button><br>
            <button class="button" onclick="C()">Location</button><br>

```

```

        <button class="button" onclick="D()">Holding Type</button>

    </div>
    <div class="main">
        <h2>Dashboard</h2>
        <div id="columnchart_turnover" style="float:right; display: none; width:1200px; height: 500px; box-
shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19)"></div>
        <div id="piechart" style="margin-right: 350px; float:right; display: none; width: 700px; height:
500px;margin-top: 5px; box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19)"></div>
        <div id="columnchart_holdings" style="float: right; display: none; width: 1200px; height: 500px;margin-
top: 5px; box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19)"></div>
        <div id="piechart_holdings" style="margin-right: 350px;float:right; display: none; width: 700px; height:
500px;margin-top: 5px; box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19)"></div>

    </div>
</div>

</body>
</html>

```


Signup.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="signup.aspx.cs"
Inherits="WebApplication1.signup" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head runat="server">
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
```

```
  <meta name="description" content="Colorlib Templates">
```

```
  <meta name="author" content="Colorlib">
```

```
  <meta name="keywords" content="Colorlib Templates">
```

```
  <title>SignUp</title>
```

```
  <link href="vendor/mdi-font/css/material-design-iconic-font.min.css" rel="stylesheet" media="all">
```

```
  <link href="vendor/font-awesome-4.7/css/font-awesome.min.css" rel="stylesheet" media="all">
```

```
  <link
```

```
href="https://fonts.googleapis.com/css?family=Poppins:100,100i,200,200i,300,300i,400,400i,500,500i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
```

```
  <link href="vendor/select2/select2.min.css" rel="stylesheet" media="all">
```

```
  <link href="vendor/datepicker/daterangepicker.css" rel="stylesheet" media="all">
```

```
  <link href="css/main1.css" rel="stylesheet" media="all">
```

```
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
```

```
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
```

```
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
```

```
  <link href="https://fonts.googleapis.com/css?family=Bangers" rel="stylesheet">
```

```
</script>
```

```
  function validateForm()
```

```
  {
```

```
    var a = document.getElementById('comp_name').value;
```

```
    var b = document.getElementById('mail_id').value;
```

```
    var c = document.getElementById('pwd').value;
```

```
    var d = document.getElementById('pwd1').value;
```

```
    if(a=="0")
```

```
    {
```

```
      alert("Select the Company!");
```

```
      return false;
```

```
    }
```

```
    if (b == "") {
```

```
      alert("Enter your mail ID!");
```

```
      return false;
```

```
    }
```

```
    if (c == "") {
```

```
      alert("Enter your Password!");
```

```
      return false;
```

```
    }
```

```
    if (d == "") {
```

```
      alert("Enter your Confirm Password!");
```

```
      return false;
```

```
    }
```

```
    if (c != d) {
```

```
      alert("Password does not match!");
```

```
      return false;
```

```
    }
```

```
    return true;
```

```
  }
```

```
</script>
```

```
</head>
```

```

<body>
  <div class="page-wrapper bg-gra-01 p-t-180 p-b-100 font-poppins">
    <div class="wrapper wrapper--w780">
      <a href="home.aspx" style=" background: linear-gradient(to bottom, #33ccff 0%, #ff99cc 100%);width:
300px;height: 40px;font-size: 25px; font-family:'Bangers';color:black"><span class="glyphicon glyphicon-arrow-
left"> Back to Home</></span></a>
      <div class="card card-3">

        <div style="background-image:url(img/1254.jpg);background-size:cover;display:table-
cell;width:50%;background-repeat:no-repeat;background-position:center;"></div>
        <div class="card-body">
          <h2 class="title">Registration Info</h2>
          <form name="myform" id="form1" runat="server" onsubmit="return validateForm()">
            <div class="input-group">
              <div class="rs-select2 js-select-simple select--no-search">
                <select id="comp_name" name="comp" runat="server" required>
                  <option disabled="disabled" value="0" selected="selected">Select Company</option>
                  <option value="JUSCO">Jamshedpur Utilities & Services Company Limited
(JUSCO)</option>
                  <option value="TPL">Tata Pigments Limited</option>
                  <option value="TSAL">Tata Steel Alloys Limited (TS Alloys)</option>
                </select>
                <div class="select-dropdown"></div>
              </div>
            </div>
            <div class="input-group">
              <input id="mail_id" class="input--style-3" style="border-bottom: 2px solid #000;" type="email"
placeholder="Email" name="email" runat="server" required/>
            </div>
            <div class="input-group">
              <input id="pwd" class="input--style-3" style="border-bottom: 2px solid #000;" type="password"
placeholder="Password" name="pass" runat="server" required/>
            </div>
            <div class="input-group">
              <input id="pwd1" class="input--style-3" style="border-bottom: 2px solid #000;"
type="password" placeholder="Confirm Password" name="pass1" runat="server" required/>
            </div>
            <div class="p-t-10">
              <asp:Button CssClass="btn btn--pill btn--green" style="width:49%" ID="Button1"
runat="server" Text="Submit" OnClick="Button1_Click"/>
              <button class="btn btn--pill btn--green" style="width:49%" type="reset">Reset</button><br />
              <a style="color:black" href="login.aspx">Already Created?</a>
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>
  <script src="vendor/jquery/jquery.min.js"></script>
  <script src="vendor/select2/select2.min.js"></script>
  <script src="js/global.js"></script>
</body>
</html>

```

login.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="login.aspx.cs"
Inherits="WebApplication1.login" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Login</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="icon" type="image/png" href="login_/images/icons/favicon.ico"/>
    <link rel="stylesheet" type="text/css" href="login_/vendor/bootstrap/css/bootstrap.min.css">
    <link rel="stylesheet" type="text/css" href="login_/fonts/font-awesome-4.7.0/css/font-
awesome.min.css">
    <link rel="stylesheet" type="text/css" href="login_/vendor/animate/animate.css">
    <link rel="stylesheet" type="text/css" href="login_/vendor/css-hamburgers/hamburgers.min.css">
    <link rel="stylesheet" type="text/css" href="login_/vendor/select2/select2.min.css">
    <link rel="stylesheet" type="text/css" href="login_/css/util.css">
    <link rel="stylesheet" type="text/css" href="login_/css/main.css">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>
</head>
<body>
    <div class="limiter">
        <div class="container-login100">
            <div class="wrap-login100">
                <a href="home.aspx" style="background: linear-gradient(to bottom, #33ccff 0%, #ff99cc 100%);width:
300px;height: 40px;font-size: 25px; font-family: Bangers;color:black;position: absolute;border-radius:
5px;transform: translate(-120px, -100px);"><span class="glyphicon glyphicon-arrow-left"> Back to
Home</span></a>
                <div class="login100-pic js-tilt">
                    
                </div>
                <form class="login100-form validate-form" id="form1" runat="server" method="post">
                    <span class="login100-form-title">
                        Member Login
                    </span>
                    <div class="wrap-input100 validate-input" data-validate = "Valid email is required: ex@abc.xyz">
                        <input class="input100" type="email" name="email" placeholder="Email" runat="server" id="email"/>
                        <span class="focus-input100"></span>
                        <span class="symbol-input100">
                            <i class="fa fa-envelope" aria-hidden="true"></i>
                        </span></div>
                    <div class="wrap-input100 validate-input" data-validate = "Password is required">
                        <input class="input100" type="password" name="pass" placeholder="Password" runat="server" id="pass"/>
                        <span class="focus-input100"></span>
                        <span class="symbol-input100">
                            <i class="fa fa-lock" aria-hidden="true"></i>
                        </span></div>
                    <div class="container-login100-form-btn">
                        <asp:Button CssClass="login100-form-btn" ID="Button1" runat="server" Text="Login"
OnClick="Button1_Click" />
                    </div>
                </div>
            </div>
        </div>
    </div>
    <div class="text-center p-t-12">
        <span class="txt1">
```

```

Forgot </span>
<a class="txt2" href="#">Username / Password? </a>
</div>
<div class="text-center p-t-136">
<a class="txt2" href="/signup.aspx">
Create your Account
i class="fa fa-long-arrow-right m-l-5" aria-hidden="true"></i>
</a>
</div>
</form>
</div>
</div>
</div>
<script src="login_/vendor/jquery/jquery-3.2.1.min.js"></script>
<script src="login_/vendor/bootstrap/js/popper.js"></script>
<script src="login_/vendor/bootstrap/js/bootstrap.min.js"></script>
<script src="login_/vendor/select2/select2.min.js"></script>
<script src="login_/vendor/tilt/tilt.jquery.min.js"></script>
<script >
    $($.js-tilt').tilt({
        scale: 1.1
    })
</script>
<script src="login_/js/main.js"></script>
</body>
</html>

```

Services.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="services.aspx.cs"
Inherits="WebApplication1.services" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title>Service</title>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css"/>
<style>
html {
  box-sizing: border-box;
}

*, *:before, *:after {
  box-sizing: inherit;
}
.main-container{
  text-align: center;
  background: #eee;
}
.heading{
  padding-top: 10px;
  color: #444;
  font-size: 20px;
  text-transform: uppercase;
  border-bottom: 2px solid #884909;
  width: 280px;
  margin: auto;
  line-height: 80px;
}

.column {
  float: left;
  width: 33.3%;
  margin-bottom: 16px;
  padding: 0 8px;
}

@media screen and (max-width: 650px) {
  .column {
    width: 100%;
    display: block;
  }
}

.card {
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
}

.container {
  padding: 0 16px;
}

.container::after, .row::after {
  content: "";
  clear: both;
}
```

```

display: table;
}

.button {
border: none;
outline: 0;
display: inline-block;
padding: 8px;
color: white;
background-color: #008000;
text-align: center;
cursor: pointer;
width: 100%;
text-decoration: none;
font-size: small;
}

.button:hover {
background-color: #555;
}
#mySearch {
width: 280%;
font-size: 18px;
padding: 11px;
border: 1px solid #ddd;
}
img
{
width: 450px;
height: 400px;
margin: 10px;
border-radius: 5px;
}
body {
font-family: Arial, Helvetica, sans-serif;
margin:0px;
}

.navbar {
overflow: hidden;
background-color: #333;
}
.center{
margin-left: 30%;
margin-right:30%;
}

.navbar a {
float: left;
font-size: 16px;
color: white;
text-align: center;
text-decoration: none;
}

.dropdown {
float: left;
overflow: hidden;
font-size: 25px;
margin:12px;
}

```

```

.dropdown .dropbtn {
  font-size: 16px;
  border: none;
  outline: none;
  color: white;
  padding: 14px 16px;
  background-color: inherit;
  font-family: inherit;
  margin: 0;
  font-size: 20px;
}

.navbar a:hover, .dropdown:hover .dropbtn {
  background-color: #4CAF50;
}

.dropdown-content {
  display: none;
  position: absolute;
  background-color: #f9f9f9;
  min-width: 160px;
  box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
  z-index: 1;
}

.dropdown-content a {
  float: none;
  color: black;
  padding: 12px 16px;
  text-decoration: none;
  display: block;
  text-align: left;
}

.dropdown-content a:hover {
  background-color: #ddd;
}

.dropdown:hover .dropdown-content {
  display: block;
}
.gu{
  width:100%;
  font-family: inherit;
}
</style>
</head>
<body>
<form id="form1" runat="server">
<div class="navbar">
  <div>
    <a href="#" runat="server" id="kl"><asp:Image ID="Image1" runat="server" style="width: 50px;height: 50px;margin: 12px 0px 12px 5px;float: left;padding: 0px;" /></a>
    <div class="center">
      <a href="services.aspx" class="dropbtn" style=" padding: 18px 15px 15px;font-size: 20px;"><i class="fa fa-clone" style="padding:10px;"></i><b style="padding: 5px;">Services</b></a>
      <div class="dropdown">
        <button class="dropbtn" ><i class="fa fa-home" ></i><b style="padding: 5px;">Company</b>
        <i class="fa fa-caret-down"></i>
      </button>
    </div>
  </div>
</div>

```

```

<div class="dropdown-content">
  <asp:HyperLink ID="org" runat="server" Target="_blank">My Organinasation</asp:HyperLink>
  <a href="billing_dash.aspx">My Billing Dashboard</a>
  <asp:Button ID="logout" runat="server" Text="logout" CssClass="gu" OnClick="logout_Click" />
</div>
</div>

<div class="dropdown">
  <button class="dropbtn" ><i class="fa fa-phone"></i><b style="padding: 5px;">Support</b>
    <i class="fa fa-caret-down"></i>
  </button>
  <div class="dropdown-content">
    <a href="about us.html">Our Team</a>
    <a href="contact us.html">Contact Us</a>
  </div>
</div>
</div>
</div>
</div>
<div class="main-container">
  <div class="heading">
    <h1>Service</h1>
  </div>
  <br/>
  <div style="display: inline-flex; width: 80%;">
    <input style="float: left; padding: 0px 10px" type="text" id="mySearch" onkeyup="myFunction()"
placeholder="Search.." title="Type in a category"/> <i style="margin: 7px;" class="fa fa-search"></i>
    <a class="button" style="text-decoration: none;" runat="server" href="active_services.aspx">View Active
Services</a>
  </div>
  <br/>
  <br/>
</div>
<div class="row">
  <div class="column">
    <div class="card">
      
      <div class="container">
        <h2>Canteen</h2>
        <p><asp:Button CssClass="button" ID="Button1" runat="server" Text="Canteen Management Center"
OnClick="CMS_Click" /></p>
        <p><a href="Services/CFS.html" class="button">Canteen Feedback System</a></p>
      </div>
    </div>
  </div>
  <div class="column">
    <div class="card">
      
      <div class="container">
        <h2>Travel</h2>
        <p><asp:Button CssClass="button" ID="Button2" runat="server" Text="Domestic Travel System"
OnClick="DTS_Click" /></p>
        <p><asp:Button CssClass="button" ID="Button3" runat="server" Text="Foreign Travel System"
OnClick="FTS_Click" /></p>
      </div>
    </div>
  </div>
</div>
<div class="column">

```


Active_services.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="active_services.aspx.cs"
Inherits="WebApplication1.WebForm2" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css"/>
  <link href="css/navbar.css" rel="stylesheet" />
  <script>
    function locate()
    {
      location.replace("Services/excel.html")
    }
  </script>
</style>
html {
  box-sizing: border-box;
}

*, *:before, *:after {
  box-sizing: inherit;
}

.main_container{
  margin: 3%;
}

.heading{
  padding-top: 10px;
  color: #444;
  font-size: 20px;
  text-transform: uppercase;
  border-bottom: 2px solid #884909;
  width: 280px;
  margin: auto;
  line-height: 80px;
}

.column {
  float: left;
  width: 33.3%;
  margin-bottom: 16px;
  padding: 0 8px;
}

@media screen and (max-width: 650px) {
  .column {
    width: 100%;
    display: block;
  }
}

.card {
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
  display:none;
  width:250px;
```

```

    color:black;
}

.card:hover{
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.4);
}

.container {
    padding: 0 16px;
}

.container::after, .row::after {
    content: "";
    clear: both;
    display: table;
}
</style>
</head>
<body>
    <form id="form1" runat="server">
<div class="navbar">
    <div>
        <a href="#" runat="server" id="kl"><asp:Image ID="Image1" runat="server" style="width: 50px;height: 50px;margin: 12px 0px 12px 5px;float: left;padding: 0px;border-radius: 5px;" /></a>
        <div class="center">
            <a href="services.aspx" class="dropbtn" style=" padding: 18px 15px 15px;font-size: 20px;"><i class="fa fa-clone" style="padding:10px;"></i><b style="padding: 5px;">Services</b></a>
            <div class="dropdown">
                <button class="dropbtn" ><i class="fa fa-home" ></i><b style="padding: 5px;">Company</b>
                <i class="fa fa-caret-down"></i>
            </button>
            <div class="dropdown-content">
                <asp:HyperLink ID="org" runat="server" Target="_blank">My Organinasation</asp:HyperLink>
                <a href="billing_dash.aspx">My Billing Dashboard</a>
                <asp:Button ID="logout" runat="server" Text="logout" CssClass="gu" OnClick="logout_Click" />
            </div>
        </div>
        <div class="dropdown">
            <button class="dropbtn" ><i class="fa fa-phone"></i><b style="padding: 5px;">Support</b>
            <i class="fa fa-caret-down"></i>
        </button>
        <div class="dropdown-content">
            <a href="about us.html">Our Team</a>
            <a href="contact us.html">Contact Us</a>
        </div>
    </div>
</div>
</div>
</div>
</div>

<div class="main_container">
    <a href="Services/CMS.html">
        <div class="card" id="CMS" runat="server">
            <div class="container">
                <h4><b>Canteen</b></h4>
                <p>Canteen Management Center</p>
            </div>
        </div>
    </a>
    <a href="Services/DTS.html">
        <div class="card" id="DTS" runat="server">
            <div class="container">

```

```

        <h4><b>Travel and Tour</b></h4>
        <p>Domestic Travel System</p>
    </div>
</div>
</a>
<a href="Services/FTS.html">
    <div class="card" id="FTS" runat="server">
        <div class="container">
            <h4><b>Travel and Tour</b></h4>
            <p>Foreign Travel System</p>
        </div>
    </div>
</a>
<a href="Services/excel.html">
<div class="card" id="MSE" runat="server">
    <div class="container">
        <h4><b>E-learning</b></h4>
        <p>M.S.Excel</p>
    </div>
</div>
</a>
<a href="Services/word.html">
    <div class="card" id="MSW" runat="server">
        <div class="container">
            <h4><b>E-learning</b></h4>
            <p>M.S.Word</p>
        </div>
    </div>
</a>
<a href="Services/HBA.html">
    <div class="card" id="HBA" runat="server">
        <div class="container">
            <h4><b>Hospital</b></h4>
            <p>Book Appointment</p>
        </div>
    </div>
</a>
<a href="Services/HVR.html">
    <div class="card" id="HVR" runat="server">
        <div class="container">
            <h4><b>Hospital</b></h4>
            <p>View Report</p>
        </div>
    </div>
</a>
<a href="Services/MC.html">
    <div class="card" id="SGM" runat="server">
        <div class="container">
            <h4><b>Sports</b></h4>
            <p>Get Membership</p>
        </div>
    </div>
</a>
</div>
</form>
</body>
</html>

```

Billing_dash.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="billing_dash.aspx.cs"
Inherits="WebApplication1.WebForm3" %>
```

```
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <title></title>
  <style type="text/css">
#customers {
  font-family: Arial, Helvetica, sans-serif;
  border-collapse: collapse;
  width: 100%;
}

#customers td, #customers th {
  border: 1px solid #ddd;
  padding: 8px;
}

#customers tr:nth-child(even){background-color: #f2f2f2;}

#customers tr:hover {background-color: #ddd;}

#customers th {
  padding-top: 12px;
  padding-bottom: 12px;
  text-align: left;
  background-color: #4CAF50;
  color: white;
}
  </style>
</head>
<body onload="cal()">
  <form id="form1" runat="server">
    <div>
      <table id="customers">
<tr>
  <th>Services</th>
  <th style="display:none;">Quantity</th>
  <th>Total</th>
</tr>
<tr>
  <td>
    <asp:Label ID="Label1" runat="server" ></asp:Label></td>
    <td style="display:none;">
    <asp:Label ID="Label2" runat="server" ></asp:Label></td>
    <td>
    <asp:Label ID="Label3" runat="server" ></asp:Label></td>
</tr>
<tr>
  <td>
    <asp:Label ID="Label4" runat="server" ></asp:Label></td>
    <td style="display:none;">
    <asp:Label ID="Label5" runat="server" ></asp:Label></td>
    <td>
    <asp:Label ID="Label6" runat="server" ></asp:Label></td>
</tr>
```

```

<tr>
  <td>
    <asp:Label ID="Label7" runat="server" ></asp:Label></td>
    <td style="display:none;">
      <asp:Label ID="Label8" runat="server" ></asp:Label></td>
    <td>
      <asp:Label ID="Label9" runat="server" ></asp:Label></td>
  </tr>
  <tr>
    <td>
      <asp:Label ID="Label10" runat="server" ></asp:Label></td>
    <td style="display:none;">
      <asp:Label ID="Label11" runat="server" ></asp:Label></td>
    <td>
      <asp:Label ID="Label12" runat="server" ></asp:Label></td>
  </tr>
  <tr>
    <td>
      <asp:Label ID="Label13" runat="server" ></asp:Label></td>
    <td style="display:none;">
      <asp:Label ID="Label14" runat="server" ></asp:Label></td>
    <td>
      <asp:Label ID="Label15" runat="server" ></asp:Label></td>
  </tr>
  <tr>
    <td>
      <asp:Label ID="Label16" runat="server" ></asp:Label></td>
    <td style="display:none;">
      <asp:Label ID="Label17" runat="server" ></asp:Label></td>
    <td>
      <asp:Label ID="Label18" runat="server" ></asp:Label></td>
  </tr>
  <tr>
    <td>
      <asp:Label ID="Label19" runat="server" ></asp:Label></td>
    <td style="display:none;">
      <asp:Label ID="Label20" runat="server" ></asp:Label></td>
    <td>
      <asp:Label ID="Label21" runat="server" ></asp:Label></td>
  </tr>
  <tr>
    <td>
      <asp:Label ID="Label22" runat="server" ></asp:Label></td>
    <td style="display:none;">
      <asp:Label ID="Label23" runat="server" ></asp:Label></td>
    <td>
      <asp:Label ID="Label24" runat="server" ></asp:Label></td>
  </tr>
  <tr>
    <td>
      <asp:Label ID="Label25" runat="server" ></asp:Label></td>
    <td style="display:none;">
      <asp:Label ID="Label26" runat="server" ></asp:Label></td>
    <td>
      &#x2190<asp:Label ID="Label27" runat="server" ></asp:Label></td>
  </tr>
</table>
</div>
</form>
<script>
  function cal() {
    var a = document.getElementById('Label2').innerHTML;

```

```

var b = document.getElementById('Label5').innerHTML;
var c = document.getElementById('Label8').innerHTML;
var d = document.getElementById('Label11').innerHTML;
var e = document.getElementById('Label14').innerHTML;
var f = document.getElementById('Label17').innerHTML;
var g = document.getElementById('Label19').innerHTML;
var h = document.getElementById('Label23').innerHTML;
var j = [a, b, c, d, e, f, g, h];
var z = 0;
for (var x = 0; x <= j.length; x++) {
    if (j[x] == "1") {
        z = parseInt(j[x]) + z;
    }
    if(j[x] == "") {

    }
}
if (z == 0) {
    document.getElementById('Label27').innerHTML = 0;
}
else {
    document.getElementById('Label27').innerHTML = z*100;
}
}
</script>
</body>
</html>

```

About_us.html

```
<!DOCTYPE html>
<html>
<head>
<title>Our team</title>
<link rel="stylesheet" type="text/css" href="about us.css">
</head>
<body>
<div class="main-container">
<div class="heading">
<h1>Our Team</h1>
</div>
<div class="sub-container">
<div class="members">

<div class="name">Akash Ranjan</div>
<div class="post">Project Co-ordinater</div>
<div class="desc">
<p>Asst. Manager at Tata Steel IT Department </p>
</div>
</div>
<div class="members">

<div class="name">Pantula Sarala</div>
<div class="post">Front End Developer</div>
<div class="desc">
<p>Student of Bachelor of Computer Application at Arka Jain University Having a coding skills on C, C++, Java, Html and piece of great knowledge on IOT,Artificial Intelligence</p>
</div>
</div>
<div class="members">

<div class="name">Sanju Bodra</div>
<div class="post">Back End Developer</div>
<div class="desc">
<p>Student of Bachelor of Computer Application at Arka Jain University Having a piece of great knowledge and skills on C, C++, Java, Html, IOT, Artificial Intelligence</p>
</div>
</div>
</div>
</body>
</html>
```


Contact_us.html

```
<!DOCTYPE html>
<html>
<head>
<title>Contact Us</title>
<meta name="viewport" content="width=device-width,initial-scale=1.0,minimum-scale=1.0,maximum-
scale=1.0">
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Sofia">
<link rel="stylesheet" type="text/css" href="contact us.css">
</head>
<body>
<div class="container">
<div class="contact-box">
<div class="left"></div>
<div class="right">
<h2>Contact Us</h2>
<input type="text" class="field" placeholder="Your Name">
<input type="email" class="field" placeholder="Your E-mail">
<input type="text" class="field" placeholder="Your Phone">
<textarea class="field area" placeholder="message"></textarea>
<button class="btn">Send</button>
</div>
</div>
</div>
</body>
</html>
```

CFS.html

```
<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

  <title>Canteen Feedback System</title>

  <link href="https://cdnjs.cloudflare.com/ajax/libs/simple-line-icons/2.4.1/css/simple-line-icons.min.css"
rel="stylesheet">

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

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

  <script src='https://kit.fontawesome.com/a076d05399.js' crossorigin='anonymous'></script>

  <link href='https://fonts.googleapis.com/css?family=Architects+Daughter' rel='stylesheet'>

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

  <style type="text/css">

    body{

background: linear-gradient(to bottom, #990099 0%, #ff99cc 100%);

.registration-form{

padding: 50px 0;

}

.registration-form form{

background-color: #fff;

max-width: 600px;

margin: auto;

padding: 50px 70px;

border-top-left-radius: 30px;

border-top-right-radius: 30px;

box-shadow: 0px 2px 10px rgba(0, 0, 0, 0.075);
```

```
}

.registration-form .form-icon{

    text-align: center;

    border-radius: 50%;

    font-size: 40px;

    color: white;

    width: 100px;

    height: 100px;

    margin: auto;

    margin-bottom: 50px;

    line-height: 100px;

}

.registration-form .item{

    border-radius: 20px;

    margin-bottom: 25px;

    padding: 10px 20px;

}

.registration-form .create-account{

    border-radius: 30px;

    padding: 10px 20px;

    font-size: 18px;

    font-weight: bold;

    background-color: #5791ff;

    border: none;

    color: white;

    margin-top: 20px;

}

.registration-form .social-media{

    max-width: 600px;

    background-color: #fff;
```

```
margin: auto;

padding: 35px 0;

text-align: center;

border-bottom-left-radius: 30px;

border-bottom-right-radius: 30px;

color: #9fadca;

border-top: 1px solid #dee9ff;

box-shadow: 0px 2px 10px rgba(0, 0, 0, 0.075);
}

.registration-form .social-icons{

margin-top: 30px;

margin-bottom: 16px;
}

.registration-form .social-icons a{

font-size: 23px;

margin: 0 3px;

color: #5691ff;

border: 1px solid;

border-radius: 50%;

width: 45px;

display: inline-block;

height: 45px;

text-align: center;

background-color: #fff;

line-height: 45px;
}

.registration-form .social-icons a:hover{

text-decoration: none;

opacity: 0.6;
}
```

```
.bg {  
  text-align: center;  
  
  height: 20%;  
  
  background-position: center;  
  
  background-repeat: no-repeat;  
  
  background-size: cover;  
  
}  
  
label  
  
{  
  
  font-family: 'Architects Daughter';font-size: 22px;  
  
}  
  
@media (max-width: 576px)  
  
{  
  
  .registration-form form  
  
  {  
  
    padding: 50px 20px;  
  
  }  
  
}  
  
</style>  
  
<script type="text/javascript">$(document).ready(function(){  
  
  $('#birth-date').mask('00/00/0000');  
  
  $('#phone-number').mask('0000-0000');  
  
})</script>  
  
<style>  
  
  ul {  
  
    list-style-type: none;  
  
    margin: 0;  
  
    padding: 0;  
  
    overflow: hidden;
```

```

background-color: #333;
}

li {
    float: left;
}

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

li a:hover {
    background-color: #111;
}

</style>

</head>

<body>

    <ul>

        <li><a class="active" href="../services.aspx"><span class="glyphicon glyphicon-arrow-left"></span> Back to
service page</a></li>

    </ul>

    <h2 style="text-align: center;">Canteen Feedback System</h2>

    <div class="registration-form">

        <form method="POST" action="../services.aspx" onsubmit="alert('Thank you for using your service.')">

            <div class="bg">

            </div>

            <div class="form-group">

                <label>Name</label> <input type="text" class="form-control item" id="username" placeholder="Your
Name" required>

```

```

</div>

<div class="form-group">

    <label>Taste/Flavour</label> <input type="text" class="form-control item" id="username"
placeholder="Your Opinion" required>

</div>

<div class="form-group">

    <label>Value For money</label>

    <input type="text" class="form-control item" id="email" placeholder="Your Opinion" required>

</div>

<div class="form-group">

    <label>Freshness</label>

    <input type="text" class="form-control item" id="email" placeholder="Your Opinion" required>

</div>

<div class="form-group">

    <label>Any Other Suggestions</label>

    <input type="text" class="form-control item" id="email" placeholder="Your Opinion" required>

</div>

<div class="form-group">

    <button type="Submit" class="btn btn-block create-account">Submit</button>

</div>

</form>

<div class="social-media">

    <h5>Follow us at social media</h5>

    <div class="social-icons">

        <a href="#"><i class="icon-social-facebook" title="Facebook"></i></a>

        <a href="#"><i class="icon-social-google" title="Google"></i></a>

        <a href="#"><i class="icon-social-twitter" title="Twitter"></i></a>

    </div>

</div>

</div>

<script type="text/javascript" src="https://code.jquery.com/jquery-3.2.1.min.js"></script>

```

```
<script type="text/javascript"  
src="https://cdnjs.cloudflare.com/ajax/libs/jquery.mask/1.14.15/jquery.mask.min.js"></script>
```

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

```
</body>
```

```
</html>
```


CMS.html

```
<!DOCTYPE html>

<html>

<head>

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

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Sofia">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

<style>

    body {

        background-image: url('canteen service2.jpg');

        background-repeat: no-repeat;

        background-attachment: fixed;

        background-size: 100% 100%;

    }

    body {

        font-family: Arial;

        font-size: 17px;

        padding: 8px;

    }

    .table-striped > tbody > tr:nth-child(2n+1) > td, .table-striped > tbody > tr:nth-child(2n+1) > th {

        background-color:    #EBF4FA;

    }

    .table-striped > tbody > tr:nth-child(2n) > td, .table-striped > tbody > tr:nth-child(2n) > th {

        background-color:rgb(217, 255, 179,0.6);

    }

}
```

```
}

* {

    box-sizing: border-box;

}

.row {

    display: -ms-flexbox;

    display: flex;

    -ms-flex-wrap: wrap;

    flex-wrap: wrap;

    margin: 0 -16px;

}

.col-25 {

    -ms-flex: 25%;

    flex: 25%;

}

.col-50 {

    -ms-flex: 50%;

    flex: 50%;

}

.col-75 {

    -ms-flex: 75%;

    flex: 75%;

}

.col-25,

.col-50,

.col-75 {

    padding: 25px;

}

.container {

    background: rgb(0, 0, 0);
```

```
background: rgba(0, 0, 0, 0.3);
color: #ffffff;
padding: 5px 20px 15px 20px;
border: 1px solid lightgrey;
border-radius: 3px;
}

input[type=text] {
width: 100%;
margin-bottom: 20px;
padding: 12px;
border: 1px solid #ccc;
border-radius: 3px;
color:black;
}

label {
margin-bottom: 10px;
display: block;
}

.icon-container {
margin-bottom: 20px;
padding: 7px 0;
font-size: 24px;
}

.btn {
background-color: #4CAF50;
color: #000000;
padding: 12px;
margin: 10px 0;
border: none;
width: 100%;
```

```

border-radius: 3px;

cursor: pointer;

font-size: 17px;
}

.btn:hover {

background-color: #45a049;

}

a {

color: #2196F3;

}

hr {

border: 1px solid lightgrey;

}

span.price {

float: right;

color: grey;

}

.col-25 button {

background-color: #f44336;

border: none;

color: white;

padding: 5px 10px;

text-align: center;

text-decoration: none;

display: inline-block;

font-size: 16px;

margin: 2px 2px;

cursor: pointer;

}

td,th,h4,h3,label,p,i,b

```

```

{
    font-weight: bold;color: #000000;font-family: Comic Sans MS, cursive, sans-serif;
}

@media (max-width: 800px) {

    .row {

        flex-direction: column-reverse;

    }

    .col-25 {

        margin-bottom: 20px;

    }

}

</style>

<script>

function increment(x) {

    document.getElementById(x).stepUp(1);

    cal();

}

function decrement(y) {

    document.getElementById(y).stepDown(1);

    cal();

}

function cal(){

    var a = document.getElementById('item1').value;

    var b = document.getElementById('item2').value;

    var c = document.getElementById('item3').value;

    var d = document.getElementById('item4').value;

    var e = document.getElementById('item5').value;

    var f = a * 30;

    var g = b * 50;

    var h = c * 40;

```

```

var i = d * 120;

var j = e * 20;

var k = document.getElementById('pi1');

var l = document.getElementById('pi2');

var m = document.getElementById('pi3');

var n = document.getElementById('pi4');

var o = document.getElementById('pi5');

k.innerHTML = f;

l.innerHTML = g;

m.innerHTML = h;

n.innerHTML = i;

o.innerHTML = j;

var total = document.getElementById('total');

total.innerHTML = f + g + h + i + j;

var qty = document.getElementById('qty');

ta = parseInt(a) + parseInt(b) + parseInt(c) + parseInt(d) + parseInt(e);

if(ta==0)

{

    qty.innerHTML = 0;

}

else

{

    qty.innerHTML = ta;

}

}

</script>

<style>

ul {

    list-style-type: none;

    margin: 0;

```

```

padding: 0;

overflow: hidden;

background-color: #333;
}

li {

float: left;

}

li a {

display: block;

color: white;

text-align: center;

padding: 14px 16px;

text-decoration: none;

}

li a:hover {

background-color: #111;

}

</style>

</head>

<body onload="cal()">

<ul>

<li><a class="active" href="../active_services.aspx"><span class="glyphicon glyphicon-arrow-left"></span>
Back to active service page</a></li>

</ul>

<h2 style="text-align: center; font-family: 'Sofia', sans-serif; font-size: 40px;">Canteen Management
System</h2>

<div class="row">

<div class="col-25">

<div class="container">

<h4>Cart <span class="price" style="color:black"><i class="fa fa-shopping-cart"></i> <b
id=quty>0</b></span></h4>

<table class="table table-striped">

```

```

<thead>

<tr>

<th>Items</th>

<th>Quantity</th>

<th>Price</th>

<th>Subtotal</th>

</tr>

</thead>

<tbody>

<tr>

<td>Sandwich</td>

<td><input id=item1 type=number value="0" min=0 max=110>

<button onclick="increment('item1')">+</button>

<button onclick="decrement('item1')">-</button></td>

<td>30</td>

<td><p id=pi1></p></td>

</tr>

<tr>

<td>Soft Drink</td>

<td><input id=item2 type=number value="0" min=0 max=110>

<button onclick="increment('item2')">+</button>

<button onclick="decrement('item2')">-</button></td>

<td>50</td>

<td><p id=pi2></p></td>

</tr>

<tr>

<td>Ice-Cream </td>

<td><input id=item3 type=number value="0" min=0 max=110>

<button onclick="increment('item3')">+</button>

<button onclick="decrement('item3')">-</button></td>

```



```

        <td>40</td>

        <td><p id=pi3></p></td>

    </tr>

    <tr>

        <td>Pizza</td>

        <td><input id=item4 type=number value="0" min=0 max=110>

        <button onclick="increment('item4')">+</button>

        <button onclick="decrement('item4')">-</button></td>

        <td>120</td>

        <td><p id=pi4></p></td>

    </tr>

    <tr>

        <td>Pastries </td>

        <td><input id=item5 type=number value="0" min=0 max=110>

        <button onclick="increment('item5')">+</button>

        <button onclick="decrement('item5')">-</button></td>

        <td>20</td>

        <td><p id=pi5></p></td>

    </tr>

</tbody>

</table>

<hr>

<p style=" background-color: #EBF4FA;
margin: 15px;height: 50px;padding: 10px;">Total <span class="price" style="color:black; background-color:
#EBF4FA;
">&#x20b4<b id=total>0</b></span></p>

</div>

</div>

<div class="col-75">

<div class="container">

    <form action=" ../active_services.aspx" method="POST" onsubmit="alert('Thank you for using your

```

service.')">

```
<div class="row">

<div class="col-50">

<h3>Billing Address</h3>

<label for="fname"><i class="fa fa-user"></i> Full Name</label>

<input type="text" id="fname" name="firstname" placeholder="abc" required>

<label for="email"><i class="fa fa-envelope"></i> Email</label>

<input type="text" id="email" name="email" placeholder="abc@example.com" required>

<label for="adr"><i class="fa fa-address-card-o"></i> Address</label>

<input type="text" id="adr" name="address" placeholder="flat no. building name" required>

<label for="city"><i class="fa fa-institution"></i> City</label>

<input type="text" id="city" name="city" placeholder="Jamshedpur" required>

<div class="row">

<div class="col-50">

<label for="state">State</label>

<input type="text" id="state" name="state" placeholder="JH" required>

</div>

<div class="col-50">

<label for="zip">Zip</label>

<input type="text" id="zip" name="zip" placeholder="831001" required>

</div>

</div>

</div>

<div class="col-50">

<h3>Payment</h3>

<label for="fname">Accepted Cards</label>

<div class="icon-container">

<i class="fa fa-cc-visa" style="color:navy;"></i>

<i class="fa fa-cc-amex" style="color:blue;"></i>
```

```

        <i class="fa fa-cc-mastercard" style="color:red;"></i>

        <i class="fa fa-cc-discover" style="color:orange;"></i>

    </div>

    <label for="cname">Name on Card</label>

    <input type="text" id="cname" name="cardname" placeholder="abc" required>

    <label for="ccnum">Credit card number</label>

    <input type="text" id="ccnum" name="cardnumber" placeholder="1111-2222-3333-4444" required>

    <label for="expmonth">Exp Month</label>

    <input type="text" id="expmonth" name="expmonth" placeholder="September" required>

    <div class="row">

        <div class="col-50">

            <label for="expyear">Exp Year</label>

            <input type="text" id="expyear" name="expyear" placeholder="2018" required>

        </div>

        <div class="col-50">

            <label for="cvv">CVV</label>

            <input type="text" id="cvv" name="cvv" placeholder="352" required>

        </div>

    </div>

</div>

<div>

    <label>

        <input type="checkbox" checked="checked" name="sameadr" required> Shipping address same as billing

    </label>

    <input type="submit" value="Continue to checkout" class="btn">

</form>

</div>

</div>

</div>

</body>
</html>

```

DTS.html

```
<!DOCTYPE html>

<html>

<head>

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

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Sofia">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

<style>

    body {

        background-image: url('travel1.png');

        background-repeat: no-repeat;

        background-attachment: fixed;

        background-size: 100% 100%;

    }

    body {

        font-family: Arial;

        font-size: 17px;

        padding: 8px;

    }

    .table-striped > tbody > tr:nth-child(2n+1) > td, .table-striped > tbody > tr:nth-child(2n+1) > th {

        background-color: rgb(255, 230, 255);

    }

    .table-striped > tbody > tr:nth-child(2n) > td, .table-striped > tbody > tr:nth-child(2n) > th {

        background-color:rgb(217, 255, 179,0.3);

    }

}
```

```
;
}
* {
    box-sizing: border-box;
}
.row {
    display: -ms-flexbox;
    display: flex;
    -ms-flex-wrap: wrap;
    flex-wrap: wrap;
    margin: 0 -16px;
}
.col-25 {
    -ms-flex: 25%;
    flex: 25%;
}
.col-50 {
    -ms-flex: 50%;
    flex: 50%;
}

.col-75 {
    -ms-flex: 75%;
    flex: 75%;
}
.col-25,
.col-50,
.col-75 {
    padding: 25px;
}
```

```
.container {  
  background: rgb(0, 0, 0);  
  background: rgba(0, 0, 0, 0.3);  
  color: #ffffff;  
  padding: 5px 20px 15px 20px;  
  border: 1px solid lightgrey;  
  border-radius: 3px;  
}  
  
input[type=text] {  
  width: 100%;  
  margin-bottom: 20px;  
  padding: 12px;  
  border: 1px solid #ccc;  
  border-radius: 3px;  
  color:black;  
}  
  
label {  
  margin-bottom: 10px;  
  display: block;  
}  
  
.icon-container {  
  margin-bottom: 20px;  
  padding: 7px 0;  
  font-size: 24px;  
}  
  
.btn {  
  background-color: #4CAF50;  
  color: white;  
  padding: 12px;
```

```
margin: 10px 0;

border: none;

width: 100%;

border-radius: 3px;

cursor: pointer;

font-size: 17px;
}

.btn:hover {

background-color: #45a049;

}

a {

color: #2196F3;

}

hr {

border: 1px solid lightgrey;

}

span.price {

float: right;

color: grey;

}

.col-25 button {

background-color: #f44336;

border: none;

color: white;

padding: 5px 10px;

text-align: center;

text-decoration: none;

display: inline-block;

font-size: 16px;

margin: 2px 2px;
```

```

    cursor: pointer;
}

td,th,h4,h3,label,p,i,b
{
    font-weight: bold;color: #000000;font-family: Comic Sans MS, cursive, sans-serif;
}

@media (max-width: 800px) {
    .row {
        flex-direction: column-reverse;
    }
    .col-25 {
        margin-bottom: 20px;
    }
}

</style>

<script>

function increment(x) {
    document.getElementById(x).stepUp(1);
    cal();
}

function decrement(y) {
    document.getElementById(y).stepDown(1);
    cal();
}

function cal(){
    var a = document.getElementById('item1').value;
    var b = document.getElementById('item2').value;
    var c = document.getElementById('item3').value;
    var d = document.getElementById('item4').value;
    var e = document.getElementById('item5').value;

```



```

var f = a * 2864;

var g = b * 2000;

var h = c * 180;

var i = d * 120;

var j = e * 12000;

var k = document.getElementById('pi1');

var l = document.getElementById('pi2');

var m = document.getElementById('pi3');

var n = document.getElementById('pi4');

var o = document.getElementById('pi5');

k.innerHTML = f;

l.innerHTML = g;

m.innerHTML = h;

n.innerHTML = i;

o.innerHTML = j;

var total = document.getElementById('total');

total.innerHTML = f + g + h + i + j;

var qty = document.getElementById('qty');

qty.innerHTML = parseInt(a) + parseInt(b) + parseInt(c) + parseInt(d) + parseInt(e);

}

</script>

<style>

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #333;

}

li {

```

```

float: left;
}

li a {

    display: block;

    color: white;

    text-align: center;

    padding: 14px 16px;

    text-decoration: none;

}

li a:hover {

    background-color: #111;

}

</style>

</head>

<body onload="cal()">

    <ul>

        <li><a class="active" href="../active_services.aspx"><span class="glyphicon glyphicon-arrow-left"></span>
Back to active service page</a></li>

    </ul>

<h2 style="text-align: center; font-family: 'Sofia', sans-serif; font-size: 40px;"> Domestic Travel System</h2>

<div class="row">

    <div class="col-25">

        <div class="container">

            <h4>Cart <span class="price" style="color:black"><i class="fa fa-shopping-cart"></i> <b
id=quty>4</b></span></h4>

            <table class="table table-striped">

                <thead>

                    <tr>

```

```

<th>Items</th>

<th>Tickets</th>

<th>Price</th>

<th>Subtotal</th>

</tr>

</thead>

<tbody>

<tr>

<td>Airline</td>

<td><input id=item1 type=number value="0" min=0 max=110>

<button onclick="increment('item1')">+</button>

<button onclick="decrement('item1')">-</button></td>

<td>2864</td>

<td><p id=pi1></p></td>

</tr>

<tr>

<td>Hotel</td>

<td><input id=item2 type=number value="0" min=0 max=110>

<button onclick="increment('item2')">+</button>

<button onclick="decrement('item2')">-</button></td>

<td>2000</td>

<td><p id=pi2></p></td>

</tr>

<tr>

<td>Train</td>

<td><input id=item3 type=number value="0" min=0 max=110>

<button onclick="increment('item3')">+</button>

<button onclick="decrement('item3')">-</button></td>

<td>180</td>

<td><p id=pi3></p></td>

```

```

</tr>

<tr>

<td>Bus</td>

<td><input id=item4 type=number value="0" min=0 max=110>

<button onclick="increment('item4')">+</button>

<button onclick="decrement('item4')">-</button></td>

<td>120</td>

<td><p id=pi4></p></td>

</tr>

<tr>

<td>Resort</td>

<td><input id=item5 type=number value="0" min=0 max=110>

<button onclick="increment('item5')">+</button>

<button onclick="decrement('item5')">-</button></td>

<td>12000</td>

<td><p id=pi5></p></td>

</tr>

</tbody>

</table>

<hr>

<p style="background-color:rgb(255, 230, 255); margin: 15px;height: 50px;padding: 10px;">Total <span
class="price" style="color:black">Rs.<b id=total>0</b></span></p>

</div>

</div>

<div class="col-75">

<div class="container">

<form action="../active_services.aspx" method="POST" onsubmit="alert('Thank you for using your
service.')">

<div class="row">

<div class="col-50">

<h3>Billing Address</h3>

```

```

<label for="fname"><i class="fa fa-user"></i> Full Name</label>

<input type="text" id="fname" name="firstname" placeholder="abc" required>

<label for="email"><i class="fa fa-envelope"></i> Email</label>

<input type="text" id="email" name="email" placeholder="abc@example.com" required>

<label for="adr"><i class="fa fa-address-card-o"></i> Address</label>

<input type="text" id="adr" name="address" placeholder="flat no. building name" required>

<label for="city"><i class="fa fa-institution"></i> City</label>

<input type="text" id="city" name="city" placeholder="Jamshedpur" required>

<div class="row">

  <div class="col-50">

    <label for="state">State</label>

    <input type="text" id="state" name="state" placeholder="JH" required>

  </div>

  <div class="col-50">

    <label for="zip">Zip</label>

    <input type="text" id="zip" name="zip" placeholder="831001" required>

  </div>

</div>

</div>

<div class="col-50">

  <h3>Payment</h3>

  <label for="fname">Accepted Cards</label>

  <div class="icon-container">

    <i class="fa fa-cc-visa" style="color:navy;"></i>

    <i class="fa fa-cc-amex" style="color:blue;"></i>

    <i class="fa fa-cc-mastercard" style="color:red;"></i>

    <i class="fa fa-cc-discover" style="color:orange;"></i>

  </div>

  <label for="cname">Name on Card</label>

  <input type="text" id="cname" name="cardname" placeholder="abc" required>

```

```
<label for="ccnum">Credit card number</label>

<input type="text" id="ccnum" name="cardnumber" placeholder="1111-2222-3333-4444" required>

<label for="expmonth">Exp Month</label>

<input type="text" id="expmonth" name="expmonth" placeholder="September" required>

<div class="row">

  <div class="col-50">

    <label for="expyear">Exp Year</label>

    <input type="text" id="expyear" name="expyear" placeholder="2018" required>

  </div>

  <div class="col-50">

    <label for="cvv">CVV</label>

    <input type="text" id="cvv" name="cvv" placeholder="352" required>

  </div>

</div>

</div>

</div>

<label>

  <input type="checkbox" checked="checked" name="sameadr" required> Shipping address same as billing

</label>

<input type="submit" value="Continue to checkout" class="btn">

</form>

</div>

</div>

</div>

</body>

</html>
```

FTS.html

```
<!DOCTYPE html>

<html>

<head>

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

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Sofia">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

<style>

    body {

        background-image: url('travel1.png');

        background-repeat: no-repeat;

        background-attachment: fixed;

        background-size: 100% 100%;

    }

    body {

        font-family: Arial;

        font-size: 17px;

        padding: 8px;

    }

    .table-striped > tbody > tr:nth-child(2n+1) > td, .table-striped > tbody > tr:nth-child(2n+1) > th {

        background-color: rgb(255, 230, 255);

    }

    .table-striped > tbody > tr:nth-child(2n) > td, .table-striped > tbody > tr:nth-child(2n) > th {

        background-color:rgb(217, 255, 179,0.3);

    }

}
```

```
;
}
* {
    box-sizing: border-box;
}
.row {
    display: -ms-flexbox;
    display: flex;
    -ms-flex-wrap: wrap;
    flex-wrap: wrap;
    margin: 0 -16px;
}
.col-25 {
    -ms-flex: 25%;
    flex: 25%;
}
.col-50 {
    -ms-flex: 50%;
    flex: 50%;
}
.col-75 {
    -ms-flex: 75%;
    flex: 75%;
}
.col-25,
.col-50,
.col-75 {
    padding: 25px;
}
.container {
```



```
background: rgb(0, 0, 0);  
background: rgba(0, 0, 0, 0.3);  
color: #ffffff;  
padding: 5px 20px 15px 20px;  
border: 1px solid lightgrey;  
border-radius: 3px;  
}
```

```
input[type=text] {  
  width: 100%;  
  margin-bottom: 20px;  
  padding: 12px;  
  border: 1px solid #ccc;  
  border-radius: 3px;  
  color:black;  
}
```

```
label {  
  margin-bottom: 10px;  
  display: block;  
}
```

```
.icon-container {  
  margin-bottom: 20px;  
  padding: 7px 0;  
  font-size: 24px;  
}
```

```
.btn {  
  background-color: #4CAF50;  
  color: white;  
  padding: 12px;  
  margin: 10px 0;
```

```
border: none;

width: 100%;

border-radius: 3px;

cursor: pointer;

font-size: 17px;
}

.btn:hover {

background-color: #45a049;

}

a {

color: #2196F3;

}

hr {

border: 1px solid lightgrey;

}

span.price {

float: right;

color: grey;

}

.col-25 button {

background-color: #f44336;

border: none;

color: white;

padding: 5px 10px;

text-align: center;

text-decoration: none;

display: inline-block;

font-size: 16px;

margin: 2px 2px;

cursor: pointer;
```

```

}

td,th,h4,h3,label,p,i,b

{

    font-weight: bold;color: #000000;font-family: Comic Sans MS, cursive, sans-serif;

}

@media (max-width: 800px) {

    .row {

        flex-direction: column-reverse;

    }

    .col-25 {

        margin-bottom: 20px;

    }

}

</style>

<script>

function increment(x) {

    document.getElementById(x).stepUp(1);

    cal();

}

function decrement(y) {

    document.getElementById(y).stepDown(1);

    cal();

}

function cal(){

    var a = document.getElementById('item1').value;

    var b = document.getElementById('item2').value;

    var c = document.getElementById('item3').value;

    var d = document.getElementById('item4').value;

    var e = document.getElementById('item5').value;

```

```

var f = a * 2864;

var g = b * 2000;

var h = c * 180;

var i = d * 120;

var j = e * 12000;

var k = document.getElementById('pi1');

var l = document.getElementById('pi2');

var m = document.getElementById('pi3');

var n = document.getElementById('pi4');

var o = document.getElementById('pi5');

k.innerHTML = f;

l.innerHTML = g;

m.innerHTML = h;

n.innerHTML = i;

o.innerHTML = j;

var total = document.getElementById('total');

total.innerHTML = f + g + h + i + j;

var qty = document.getElementById('qty');

qty.innerHTML = parseInt(a) + parseInt(b) + parseInt(c) + parseInt(d) + parseInt(e);

}

</script>

<style>

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #333;

}

li {

```

```

float: left;

}

li a {

    display: block;

    color: white;

    text-align: center;

    padding: 14px 16px;

    text-decoration: none;

}


li a:hover {

    background-color: #111;

}

</style>

</head>

<body onload="cal()">

    <ul>

        <li><a class="active" href="../active_services.aspx"><span class="glyphicon glyphicon-arrow-left"></span>
Back to active service page</a></li>

    </ul>

    <h2 style="text-align: center; font-family: 'Sofia', sans-serif; font-size: 40px;"> Foreign Travel System</h2>

    <div class="row">

        <div class="col-25">

            <div class="container">

                <h4>Cart <span class="price" style="color:black"><i class="fa fa-shopping-cart"></i> <b
id=quty>4</b></span></h4>

                <table class="table table-striped">

                    <thead>

                        <tr>

                            <th>Items</th>

                            <th>Tickets</th>

```

```

        <th>Price</th>

        <th>Subtotal</th>

    </tr>

</thead>

<tbody>

    <tr>

        <td>Airline</td>

        <td><input id=item1 type=number value="0" min=0 max=110>

<button onclick="increment('item1')">+</button>

<button onclick="decrement('item1')">-</button></td>

        <td>2864</td>

        <td><p id=pi1></p></td>

    </tr>

    <tr>

        <td>Hotel</td>

        <td><input id=item2 type=number value="0" min=0 max=110>

<button onclick="increment('item2')">+</button>

<button onclick="decrement('item2')">-</button></td>

        <td>2000</td>

        <td><p id=pi2></p></td>

    </tr>

    <tr>

        <td>Train</td>

        <td><input id=item3 type=number value="0" min=0 max=110>

<button onclick="increment('item3')">+</button>

<button onclick="decrement('item3')">-</button></td>

        <td>180</td>

        <td><p id=pi3></p></td>

    </tr>

</tr>

```

```

        <td>Bus</td>

        <td><input id=item4 type=number value="0" min=0 max=110>

<button onclick="increment('item4')">+</button>

<button onclick="decrement('item4')">-</button></td>

        <td>120</td>

        <td><p id=pi4></p></td>

</tr>

<tr>

        <td>Resort</td>

        <td><input id=item5 type=number value="0" min=0 max=110>

<button onclick="increment('item5')">+</button>

<button onclick="decrement('item5')">-</button></td>

        <td>12000</td>

        <td><p id=pi5></p></td>

</tr>

</tbody>

</table>

<hr>

    <p style="background-color:rgb(255, 230, 255); margin: 15px;height: 50px;padding: 10px;">Total <span
class="price" style="color:black">Rs.<b id=total>0</b></span></p>

</div>

</div>

<div class="col-75">

    <div class="container">

        <form action=" ../active_services.aspx" method="POST" onsubmit="alert('Thank you for using your
service.')">

        <div class="row">

            <div class="col-50">

                <h3>Billing Address</h3>

                <label for="fname"><i class="fa fa-user"></i> Full Name</label>

```

```

<input type="text" id="fname" name="firstname" placeholder="abc" required>
<label for="email"><i class="fa fa-envelope"></i> Email</label>
<input type="text" id="email" name="email" placeholder="abc@example.com" required>
<label for="adr"><i class="fa fa-address-card-o"></i> Address</label>
<input type="text" id="adr" name="address" placeholder="flat no. building name" required>
<label for="city"><i class="fa fa-institution"></i> City</label>
<input type="text" id="city" name="city" placeholder="Jamshedpur" required>

```

```

<div class="row">
  <div class="col-50">
    <label for="state">State</label>
    <input type="text" id="state" name="state" placeholder="JH" required>
  </div>
  <div class="col-50">
    <label for="zip">Zip</label>
    <input type="text" id="zip" name="zip" placeholder="831001" required>
  </div>
</div>

```

```

</div>
<div class="col-50">
  <h3>Payment</h3>
  <label for="fname">Accepted Cards</label>
  <div class="icon-container">
    <i class="fa fa-cc-visa" style="color:navy;"></i>
    <i class="fa fa-cc-amex" style="color:blue;"></i>
    <i class="fa fa-cc-mastercard" style="color:red;"></i>
    <i class="fa fa-cc-discover" style="color:orange;"></i>
  </div>
  <label for="cname">Name on Card</label>
  <input type="text" id="cname" name="cardname" placeholder="abc" required>

```



```
<label for="ccnum">Credit card number</label>

<input type="text" id="ccnum" name="cardnumber" placeholder="1111-2222-3333-4444" required>

<label for="expmonth">Exp Month</label>

<input type="text" id="expmonth" name="expmonth" placeholder="September" required>

<div class="row">

  <div class="col-50">

    <label for="expyear">Exp Year</label>

    <input type="text" id="expyear" name="expyear" placeholder="2018" required>

  </div>

  <div class="col-50">

    <label for="cvv">CVV</label>

    <input type="text" id="cvv" name="cvv" placeholder="352" required>

  </div>

</div>

</div>

</div>

<label>

  <input type="checkbox" checked="checked" name="sameadr" required> Shipping address same as billing

</label>

<input type="submit" value="Continue to checkout" class="btn">

</form>

</div>

</div>

</div>

</body>

</html>
```

Excel.html

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>Page Title</title>

<meta charset="UTF-8">

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

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

<style>

* {

  box-sizing: border-box;

}

body {

  font-family: Arial, Helvetica, sans-serif;

  margin: 0;

}

.header {

  padding: 30px;

  text-align: center;

  background: #1abc9c;

  color: white;

}

.header h1 {

  font-size: 40px;

}

.navbar {

  overflow: hidden;
```

```
background-color: #333;
}

.navbar a {
  float: left;
  display: block;
  color: white;
  text-align: center;
  padding: 14px 20px;
  text-decoration: none;
}

.navbar a.right {
  float: right;
}

.navbar a:hover {
  background-color: #ddd;
  color: black;
}

.row {
  display: flex;
  flex-wrap: wrap;
}

.side {
  flex: 10px;
  background-color: #f1f1f1;
  padding: 20px;
}

.main {
  flex: 70%;
  background-color: white;
  padding: 10px;
```

```
}  
  
.fakeimg {  
  
  background-color: #aaa;  
  
  width: 100%;  
  
  padding: 20px;  
  
}  
  
.button {  
  
  background-color: #4CAF50;  
  
  border: none;  
  
  color: white;  
  
  padding: 15px 32px;  
  
  text-align: center;  
  
  text-decoration: none;  
  
  display: inline-block;  
  
  font-size: 16px;  
  
  margin: 4px 2px;  
  
  cursor: pointer;  
  
  width: 180px;  
  
}  
  
</style>  
  
<style>  
  
  ul {  
  
    list-style-type: none;  
  
    margin: 0;  
  
    padding: 0;  
  
    overflow: hidden;  
  
    background-color: #333;  
  
  }  
  
  li {  
  
    float: left;
```

```

    }

    li a {

        display: block;

        color: white;

        text-align: center;

        padding: 14px 16px;

        text-decoration: none;

    }

    li a:hover {

        background-color: #111;

    }

</style>

<script type="text/javascript">

function mypdf(n,str){

    var pdfn = document.getElementById("abc");

    var loc=str+"/"+n+".pdf#toolbar=0";

    pdfn.src = loc;

}

</script>

</head>

<body>

<div class="header">

    <h1>E-Learning</h1>

    <p>Excel Tutorial</p>

</div>

<div class="navbar">

    <a href="../active_services.aspx"><span class="glyphicon glyphicon-arrow-left"></span> Back to active service
page</a>

</div>

<div class="row">

    <div class="side">

```

```

<button class="button" onclick="mypdf(1,'Excel')">Basics</button><br>
<button class="button" onclick="mypdf(2,'Excel')">Creating Opening and Closing Workbook</button><br>
<button class="button" onclick="mypdf(3,'Excel')">Worksheet Basics</button><br>
<button class="button" onclick="mypdf(4,'Excel')">View WorkSheet</button><br>
<button class="button" onclick="mypdf(5,'Excel')">Customize The Ribbon</button><br>
<button class="button" onclick="mypdf(6,'Excel')">Quick Access Toolbar</button><br>
<button class="button" onclick="mypdf(7,'Excel')">Backstage View</button><br>
<button class="button" onclick="mypdf(8,'Excel')">Basics of Cell</button><br>
<button class="button" onclick="mypdf(9,'Excel')">Cell References</button><br>
<button class="button" onclick="mypdf(10,'Excel')">Fuctions Basic</button><br>
<button class="button" onclick="mypdf(11,'Excel')">Mathematical Functions</button><br>
<button class="button" onclick="mypdf(12,'Excel')">Beta Distribution</button><br>
</div>

<div class="main">

    <h2>Excel tutorials</h2>

    <iframe id="abc" src="Excel/1.pdf#toolbar=0" width="100%" height="500px">

    </iframe>

</div>

</div>

</body>

</head>

</html>

```

Word.html

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>Page Title</title>

<meta charset="UTF-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

<style>

* {

  box-sizing: border-box;

}

body {

  font-family: Arial, Helvetica, sans-serif;

  margin: 0;

}

.header {

  padding: 30px;

  text-align: center;

  background: #20B2AA;

  color: white;

}

.header h1 {

  font-size: 40px;

}

.navbar {

  overflow: hidden;

  background-color: #333;
```

```
}  
  
.navbar a {  
  
  float: left;  
  
  display: block;  
  
  color: white;  
  
  text-align: center;  
  
  padding: 14px 20px;  
  
  text-decoration: none;  
  
}  
  
.navbar a.right {  
  
  float: right;  
  
}  
  
.navbar a:hover {  
  
  background-color: #ddd;  
  
  color: black;  
  
}  
  
.row {  
  
  display: flex;  
  
  flex-wrap: wrap;  
  
}  
  
.side {  
  
  flex: 10px;  
  
  background-color: #f1f1f1;  
  
  padding: 20px;  
  
}  
  
.main {  
  
  flex: 70%;  
  
  background-color: white;  
  
  padding: 10px;  
  
}
```



```
.fakeimg {  
    background-color: #aaa;  
    width: 100%;  
    padding: 20px;  
}  
  
.button {  
    background-color: #4CAF50;  
    border: none;  
    color: white;  
    padding: 15px 32px;  
    text-align: center;  
    text-decoration: none;  
    display: inline-block;  
    font-size: 16px;  
    margin: 4px 2px;  
    cursor: pointer;  
    width: 180px;  
}  
  
</style>  
  
<script type="text/javascript">  
    function mypdf(n,str){  
        var pdfn = document.getElementById("abc");  
        var loc=str+"/"+n+".pdf#toolbar=0";  
        pdfn.src = loc;  
    }  
</script>  
  
</head>  
  
<body>  
  
<div class="header">  
    <h1>E-Learning</h1>
```

```

    <p>Word Tutorial</p>

</div>

<div class="navbar">

    <a href="../active_services.aspx"><span class="glyphicon glyphicon-arrow-left"></span> Back to active service
    page</a>

</div>

<div class="row">

    <div class="side">

        <button class="button" onclick="mypdf(1,'Word')">Getting Started</button><br>
        <button class="button" onclick="mypdf(2,'Word')">Explore Window</button><br>
        <button class="button" onclick="mypdf(3,'Word')">Backstage View</button><br>
        <button class="button" onclick="mypdf(4,'Word')">Entering text</button><br>
        <button class="button" onclick="mypdf(5,'Word')">Move Around</button><br>
        <button class="button" onclick="mypdf(6,'Word')">Save Document</button><br>
        <button class="button" onclick="mypdf(7,'Word')">Opening a Document</button><br>

    </div>

    <div class="main">

        <h2>Word tutorials</h2>

        <iframe id="abc" src="Word/1.pdf#toolbar=0" width="100%" height="500px">

        </iframe>

    </div>

</div>

</body>

</html>

```

HVR.html

```
<!DOCTYPE html>

<html>

<head>

  <meta name="viewport" content="width=device-width" />

  <title>DisplayPDF</title>

  <link href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" rel="stylesheet"/>

  <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

  <meta charset="utf-8">

  <meta name="viewport" content=

    "width=device-width, initial-scale=1, shrink-to-fit=no">

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

    integrity= "sha384-

Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJISAWiGgFAW/dAiS6JXm"

crossorigin="anonymous">

  <link rel="stylesheet" href= "https://use.fontawesome.com/releases/v5.4.1/css/all.css"

    integrity= "sha384-5sAR7xN1Nv6T6+dT2mhtzEpVJvfS3NScPQTrOxhwjIuvcA67KV2R5Jz6kr4abQsz"

crossorigin="anonymous">

  <script type="text/javascript">

function mypdf(n,str){

  var pdfn = document.getElementById("abc");

  var loc=str+"/"+n+".pdf#toolbar=0";

  pdfn.src = loc;

}

</script>

<style type="text/css">

  .card {

    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);
```

```

    transition: 0.3s;

    width: 40%;
}

.card:hover {

    box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2);
}

.modal.fade .modal-dialog
{
    transform: translate(0%,20%);
}

.card-block
{
    padding: 20px;
}

body
{
    background-image: url(w.png);
    background-repeat: no-repeat;
    background-size: 50%;
    background-position: top;
    background-color: #fdffe9a1;
}

</style>

<style>

    ul {

        list-style-type: none;

        margin: 0;

        padding: 0;

        overflow: hidden;

        background-color: #333;

```

```

    }

    li {

        float: left;

    }

    li a {

        display: block;

        color: white;

        text-align: center;

        padding: 14px 16px;

        text-decoration: none;

    }

    li a:hover {

        background-color: #111;

    }

</style>

</head>

<body>

    <ul>

        <li><a class="active" href="../active_services.aspx"><span class="glyphicon glyphicon-arrow-left"></span>
Back to active service page</a></li>

    </ul>

    <div class="container" style="margin: 5%;a">

        <h2 style="font-size: 40px"><b>View Medical Report</b></h2><br>

        <div class="card-deck">

            <div class="card" style="margin-right: 0px">

                <div class="card-block">

                    <h4 class="card-title">View Blood Report</h4>

                    <p class="card-text">

                        Detailed Blood Report.

                    </p>

                    <p class="card-text">

```

```

        <small class="text-muted">

            Last updated 3 mins ago

        </small>

    </p>

</div>

</div>

    <button type="button" class="btn btn-info btn-lg" data-toggle="modal" data-target="#myModal"
onclick="mypdf(1,'Hospital')">Open To View It</button>

<div class="card" style="margin-right: 0px;margin-left: 40px;">

    <img class="card-img-top" src="">

    <div class="card-block">

        <h4 class="card-title">View Prescription</h4>

        <p class="card-text">

            Details of all your medicines.

        </p>

        <p class="card-text">

            <small class="text-muted">

                Last updated 3 mins ago

            </small>

        </p>

    </div>

</div>

    <button type="button" class="btn btn-info btn-lg" data-toggle="modal" data-target="#myModal"
onclick="mypdf(2,'Hospital')">Open To View It</button>

<div class="card" style="margin-right: 0px;margin-left: 40px;">

    <img class="card-img-top" src="">

    <div class="card-block">

        <h4 class="card-title">View Blood Pressure Report</h4>

        <p class="card-text">

            history of all your reports.

        </p>

```

```

    <p class="card-text">

        <small class="text-muted">

            Last updated 3 mins ago

        </small>

    </p>

</div>

</div>

    <button type="button" class="btn btn-info btn-lg" data-toggle="modal" data-target="#myModal"
onclick="mypdf(3,'Hospital')">Open To View It</button>

</div>

<br>

<div id="myModal" class="modal fade" role="dialog">

    <div class="modal-dialog modal-lg">

        <div class="modal-content">

            <div class="modal-header">

                <button type="button" class="close" data-dismiss="modal">&times;</button>

            </div>

            <div class="modal-body">

                <iframe id=abc src="#toolbar=0"

                    frameborder="0" width="100%" height="400px">

                <div class="modal-footer">

                    <button type="button" class="btn btn-default" data-dismiss="modal">Close</button>

                </div>

            </div>

        </div>

    </div>

</div>

</div>

</div>

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"

    integrity="sha384-
KJ3o2DKtIkVYIK3UENzmM7KChRr/tE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"

```

```
        crossorigin="anonymous">
</script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"
        integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
        crossorigin="anonymous">
</script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
        integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
        crossorigin="anonymous">
</script>
</body>
</html>
```


HBA.html

```
<html>

    <head>

        <link href='https://fonts.googleapis.com/css?family=Aclonica' rel='stylesheet'>

        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

        <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

        <script>

            function GEEKFORGEEKS() {

                var name =

                    document.forms["RegForm"]["Name"];

                var email =

                    document.forms["RegForm"]["EMail"];

                var phone =

                    document.forms["RegForm"]["Telephone"];

                var what =

                    document.forms["RegForm"]["Subject"];

                var password =

                    document.forms["RegForm"]["Password"];

                var address =

                    document.forms["RegForm"]["Address"];

                if (name.value == "") {

                    window.alert("Please enter your First Name.");

                    name.focus();

                    return false;

                }

                if (address.value == "") {

                    window.alert("Please enter your Last Name.");
```

```

        address.focus();

        return false;
    }

    if (email.value == "") {

        window.alert(

            "Please enter a valid e-mail address.");

        email.focus();

        return false;

    }

    if (phone.value == "") {

        window.alert(

            "Please enter your Phone number.");

        phone.focus();

        return false;

    }

    if (what.selectedIndex < 1) {

        alert("Please enter your Department.");

        what.focus();

        return false;

    }

    if (what.selectedIndex < 1) {

        alert("Please enter your Slot.");

        what.focus();

        return false;

    }

    alert("Your appointment has booked.Thank for user our services.");

    return true;

```

```

    }

</script>

<style>

input[type=text], select {

    width: 50%;

    padding: 12px 20px;

    margin: 8px 0;

    display: inline-block;

    border: 1px solid #ccc;

    border-radius: 4px;

    box-sizing: border-box;

    background: rgba(0, 0, 0, 0.3);

    color: #ffffff;

    font-size: 20px;

}

input[type=submit],input[type=reset] {

    width: 50%;

    background-color: #4CAF50;

    color: white;

    padding: 10px 10px;

    margin: 8px 0;

    border: none;

    border-radius: 4px;

    cursor: pointer;

    font-family: 'Aclonica';font-size: 22px;

}

```

```

input[type=submit]:hover ,input[type=reset]:hover {

    background-color: #45a049;

}

div {

    border-radius: 5px;

    background-color:rgb(230, 230, 255,0.3);

    padding: 20px;

}

    body {

        background-image: url('appointment1.png');

        background-repeat: no-repeat;

        background-attachment: fixed;

        background-size: 100% 100%;

        background-position: right;

    }

td,th,h4,h3,label,p,i,b

{

    font-weight: bold;color: #000000;font-family: Comic Sans MS, cursive, sans-serif;

}

</style>

<style>

    ul {

        list-style-type: none;

        margin: 0;

        padding: 0;

        overflow: hidden;

        background-color: #333;

    }

    li {

```

```

float: left;
}

li a {

    display: block;

    color: white;

    text-align: center;

    padding: 14px 16px;

    text-decoration: none;

}

li a: hover {

    background-color: #111;

}

</style>

</head>

<body>

<ul>

    <li><a class="active" href="../active_services.aspx"><span class="glyphicon glyphicon-arrow-
left"></span> Back to active service page</a></li>

</ul>

    <h1 style="text-align: center; font-family: 'Aclonica'; font-size: 40px;">APPOINTMENT
FORM</h1>

    <div>

        <form name="RegForm" onsubmit="return GEEKFORGEEKS()"
action="../active_services.aspx" method="POST">

            <label for="fname">First Name</label><input type="text" size="65" name="Name" />

            <br>

            <label for="lname">Last Name</label><input type="text" size="65" name="Address" />

            <br />

            <label for="email">Email</label> <input type="text" size="65" name="EMail" />

            <br />

            <label for="phone">Phone</label> <input type="text" size="65" name="Telephone" />

            <br />

```

```

<label for="lname">Department</label>

    <select type="text" value="" name="Subject">

        <option>Cardiologist</option>

        <option>ENT</option>

        <option>General</option>

        <option>Dentak</option>

        <option>Skin</option>

    </select>

<br>

<label for="lname">Slot</label>

    <select type="text" value="" name="Subject">

        <option>9.00-11.00</option>

        <option>11.00-1.00</option>

        <option>1.00-3.00</option>

        <option>3.00-5.00</option>

    </select>

<br />

<br />

<p>Comments:<br><input type="text" /></p>

<p style="text-align: center;">

    <input type="submit" value="Book Appointment" name="Submit" />

    <input type="reset" value="Reset" name="Reset" />

</p>

</form>

</div>

</body>

</html>

```

VS.html

```
<!DOCTYPE html>

<html lang="en">

<head>

<title>Page Title</title>

<meta charset="UTF-8">

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

<link href='https://fonts.googleapis.com/css?family=Bevan' rel='stylesheet'>

<style>

* {

    box-sizing: border-box;

}

body {

    font-family: Arial, Helvetica, sans-serif;

    margin: 0;

}

h1 {

    font-size: 172px;

    background: -webkit-linear-gradient(#ff0000, #ff9933);

    -webkit-background-clip: text;

    -webkit-text-fill-color: transparent;

    font-family: 'Bevan';

}

.header {

    padding: 80px;

    text-align: center;

    background-image: url('sports.jpg');

    background-repeat: no-repeat;

    background-attachment: fixed;

    background-size: 100% 42%;
```

```
    color: white;
}

.header h1 {
    font-size: 40px;
}

.navbar {
    overflow: hidden;
    background-color: #333;}

.navbar a {
    float: left;
    display: block;
    color: white;
    text-align: center;
    padding: 14px 20px;
    text-decoration: none;
}

.navbar a.right {
    float: right;
}

.navbar a:hover {
    background-color: #ddd;
    color: black;
}

.row {
    display: flex;
    flex-wrap: wrap;
}

.side {
    flex: 10px;
    background-color: #f1f1f1;
```



```
padding: 20px;
}

.main {
  flex: 70%;
  background-color: white;
  padding: 10px;
}

.fakeimg {
  background-color: #aaa;
  width: 100%;
  padding: 20px;
}

.button {
  background-color: #4CAF50;
  border: none;
  color: white;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin: 4px 2px;
  cursor: pointer;
  width: 180px;
}

</style>

<script type="text/javascript">

function mypdf(n){

  var pdfn = document.getElementById("abc");

  var loc=n+".pdf#toolbar=0";
```

```

    pdfn.src = loc;
}
</script>
</head>
<body>
<div class="header">
    <h1>View Schedules</h1>
</div>
<div class="navbar">
    <a href="../services.aspx">Back to service page</a></div>
<div class="row">
    <div class="side">
        <button class="button" onclick="mypdf('Cricket')">Cricket Schedule</button><br>
        <button class="button" onclick="mypdf('Football')">Football Schedule</button><br>
    </div>
    <div class="main">
        <h2>Schedule</h2>
        <iframe id="abc" src="Cricket.pdf#toolbar=0" width="100%" height="500px">
        </iframe>
    </div>
</div>
</body>
</html>

```

MC.html

```
<!DOCTYPE html>

<html>

<head>

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/js/bootstrap.min.js"></script>

  <script>

    function testVariable() {

      var strText = document.getElementById("textone").value;

      var strText1 = document.getElementById("textTWO").value;

      var strText2 = document.getElementById("textTHREE").value;

      var strText4 = document.getElementById("textFIVE").value;

      document.getElementById('n').innerHTML = strText;

      document.getElementById('a').innerHTML = strText1;

      document.getElementById('g').innerHTML = strText4;

      document.getElementById('d').innerHTML = strText2;

      var today = new Date();

      var dd = String(today.getDate()).padStart(2, '0');

      var mm = String(today.getMonth() + 1).padStart(2, '0');

      var yyyy = today.getFullYear();

      today = mm + '/' + dd + '/' + yyyy;

      document.getElementById('ap').innerHTML = today;

    }

  </script>

  <style type="text/css">

@import url('https://fonts.googleapis.com/css?family=Asap+Condensed:600i,700');

body {

  background: #fafafa;
```

```
text-transform: uppercase;

font-family: 'Asap Condensed', sans-serif;

}
```

```
h1 {

  font-size: 60px;

}
```

```
h3 {

  font-size: 26px;

}
```

```
.italic {

  font-style: italic;

}
```

```
.card {

  position: relative;

  margin: auto;

  height: 350px;

  width: 600px;

  text-align: center;

  background: linear-gradient(to bottom, #ffff99 0%, #ff0066 100%);

  border-radius: 2px;

  box-shadow: 0 6px 12px -3px rgba(0,0,0,.3);

  color: #000000;

  padding: 30px;

}
```

```
.card header {

  position: absolute;
```

```
top: 31px;

left: 0;

width: 100%;

padding: 0 10%;

transform: translateY(-50%);

display: grid;

grid-template-columns: 1fr 1fr 1fr;

align-items: center;

}
```

```
.card header > *:first-child {

    text-align: left;

}
```

```
.card header > *:last-child {

    text-align: right;

}
```

```
.logo {

    font-size: 24px;

    position: relative;

}
```

```
.logo:before,

.logo:after {

    content: "";

    position: absolute;

    top: 50%;

    border-top: 3px solid black;

    transform: translateY(-50%);

}
```

```
.logo:before {  
  right: 158px;  
  width: 40%;  
}
```

```
.logo:after {  
  left: 158px;  
  width: 55%;  
}
```

```
.logo span {  
  display: block;  
  position: absolute;  
  width: 100%;  
  top: calc(50% - 1px);  
}
```

```
.announcement {  
  position: relative;  
  border: 3px solid currentColor;  
  border-top: 0;  
  width: 100%;  
  height: 100%;  
  display: flex;  
  flex-direction: column;  
  justify-content: center;  
  align-items: center;  
}
```

```
.announcement:before,  
.announcement:after {
```

```
content: "";

position: absolute;

top: 0px;

border-top: 3px solid currentColor;

height: 0;

width: 15px;

}

.announcement:before {

left: -3px;

}

.announcement:after {

right: -3px;

}


.box{

border-radius: 5px;

background-color:rgb(230, 230, 255,0.3);

padding: 20px;

text-align: center;

}


* {

box-sizing: border-box;

margin: 0;

padding: 0;

}


html, body {

height: 100%;

}
```

```
a,
a:visited,
a:focus,
a:active,
a:link {
    text-decoration: none;
    outline: 0;
}

a {
    color: currentColor;
    transition: .2s ease-in-out;
}

h1, h2, h3, h4 {
    margin: .15em 0;
}

h3
{
    font-size: 35px;
    display:inline;
}

ul {
    padding: 0;
    list-style: none;
}

img {
```



```

vertical-align: middle;

height: auto;

width: 100%;

width: 60%;

transform: translate(-10px, 0px);
}

document.getElementById('a') = strText1; .card {

    box-shadow: 0 4px 8px 0 rgba(0,0,0,0.2);

    transition: 0.3s;

    width: 40%;

}

.card:hover {

    box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2);

}

.container {

    padding: 2px 16px;

}

</style>

<style>

    ul {

        list-style-type: none;

        margin: 0;

        padding: 0;

        overflow: hidden;

        background-color: #333;

    }

```

```

li {
    float: left;
}

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

li a:hover {
    background-color: #111;
}

</style>

</head>

<body>

<ul>

    <li><a class="active" href="../active_services.aspx"><span class="glyphicon glyphicon-arrow-left"></span>
Back to active service page</a></li>

</ul>

    <div class="box">

<h4>Name</h4> <input type="text" id="textone" />

<h4>Age</h4> <input type="text" id="textTWO" />

<h4>Gender</h4> <input type="text" id="textFIVE" />

<h4>Designation</h4> <input type="text" id="textTHREE" />

<button onclick="testVariable()">Submit</button><br>

</div>

<br>

<hr>

```

```

<div class="card">

  <header>

    <time id=ap></time>

    <div class="logo">

      <span>

        <svg xmlns="http://www.w3.org/2000/svg" id="Layer_1" viewBox="0 0 234.5
53.7"><style>.st0{fill:none;stroke:#000000;stroke-width:5;stroke-miterlimit:10;}</style><path d="M.6 1.4L116.9
521117-50.6" class="st0"/></svg>

      </span></div>

    <div class="sponsor">Tata Steel</div>

  </header>

  <div class="announcement">

    <div>

      <h3><b>Name:</b></h3><h3 id=n></h3><br>

      <h3><b>Age:</b></h3><h3 id=a></h3><br>

      <h3><b>Gender:</b></h3><h3 id=g></h3><br>

      <h3><b>Designation:</b></h3><h3 id=d></h3>

      <h1></h1>

      <h3 class="italic"></h3>

    </div>

  </div>

</div>

</body>

</html>

```

5.2 Testing Approach

Software testing is a process used to identify the correctness, completeness and quality of developed computer software. It includes a set of activities conducted with the intent of finding errors in software so that it could be corrected before the product is released to the end users. In other word software testing is an activity to check that the software system is defect free. Software testing is primarily a broad process that is composed of several interlinked processes. The primary objective of software testing is to measure software health along with its completeness in terms of core requirements. Software testing involves examining and checking software through different testing processes.

The objectives of these processes can include:

- **Completeness** - Verifying software completeness in regards to functional/business requirements
- **Errors Free** - Identifying technical bugs/errors and ensuring the software is error-free
- **Stability** - Assessing usability, performance, security, localization, compatibility and installation

This phase determines the error in the project. If there is any error then it must be removed before delivery of the project.

5.2.1 Type of Testing

For determining errors various types of test action are performed: -

Unit Testing: - Unit testing focuses verification effort on the smallest unit of software design – the module. Using the detail design description as a guide, important control paths are tested to uncover errors within the boundary of the module. The relative complexity of tests and the errors detected as a result is limited by the constrained scope established for unit testing. The unit test is always white box oriented, and the step can be conducted in parallel for multiple modules.

Unit testing is normally considered an adjunct to the coding step. After source level code has been developed, reviewed, and verified for correct syntax, unit test case design begins.

Integration Testing - A level of the software testing process where individual units are combined and tested as a group. The purpose of this level of testing is to expose faults in the interaction between integrated units.

System Testing: - Software is only one element of a larger computer-based system. Ultimately, software is incorporated with other system elements (e.g. new hardware, information), and a series of system integration and validation tests are conducted. Steps taken during software design and testing can greatly improve the probability of successful software integration in the larger system.

A classic system testing problem is “finger pointing”. This occurs when a defect is uncovered, and one system element developer blames another for the problem. The software engineer should anticipate potential interfacing problems and design error handling paths that test all information coming from other elements of the system, conduct a series of tests that simulate bad data or other potential errors at the software interface, record the results of tests to use as “evidence” if finger pointing does occur, participate in the planning and design of system test to ensure that software is adequately tested.

There are many types of system tests that are worthwhile for software-based systems:-

Usability Testing - Usability Testing is a type of testing done from an end-user’s perspective to determine if the system is easily usable.

Functionality testing - Tests all functionalities of the software against the requirement.

Performance testing – Performance testing is designed to test the run-time performance of software within the context of an integrated system

Security testing – Security testing attempts to verify that protection mechanisms built into a system will protect it from improper penetration

Stress tests – Stress tests are designed to confront programs with abnormal situations.

5.2.2 Test Case

A test case is a set of conditions or variables under which a tester will determine whether an application, software system or one of its features is working as it was originally established for it to do.

Login:

Test Case ID	Test Scenario	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Actual Result	Status Pass/Fail
TC_Login_1	Verify Login	Enter Valid username and valid password	Need a valid username and password to do login	1. Enter username 2. Enter Password 3. Click Login	Valid username Valid password	Successful login, Main screen of application should display	Successful login, Main screen of application displayed	Pass
TC_Login_2	Verify Login	Enter Valid username and invalid password	Need a valid username and password to do login	1. Enter username 2. Enter Password 3. Click Login	Valid username Invalid Password	No Matched Username/ Password	No Matched Username/ Password	Pass
TC_Login_3	Verify Login	Enter Invalid username and valid password	Need a valid username and password to do login	1. Enter username 2. Enter Password 3. Click Login	Invalid username Valid Password	No Matched Username/ Password	No Matched Username/ Password	Pass
TC_Login_4	Verify Login	Enter Invalid username and invalid password	Need a valid username and password to do login	1. Enter username 2. Enter Password 3. Click Login	Invalid username Invalid Password	No Matched Username/ Password	No Matched Username/ Password	Pass

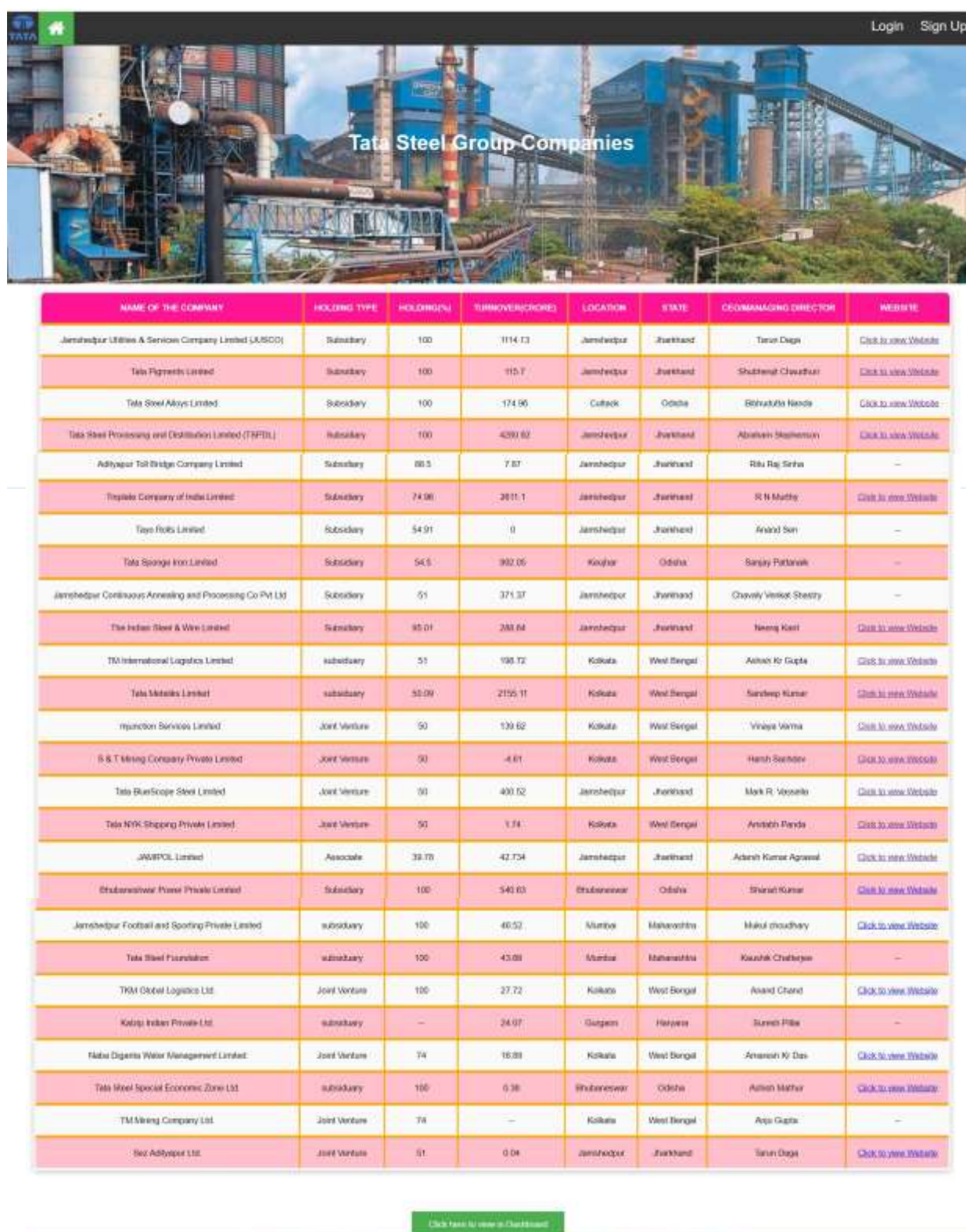
Registration

Test Case ID	Test Scenario	Test Case	Pre-Condition	Test Steps	Test Data	Expected Result	Actual Result	Status Pass/Fail
TC_SIGN UP_1	Verify Sign Up Detail	Enter Valid and correct data	Need valid text and number Data to be entered	1. Enter Valid Data in appropriate fields 2. Click Submit	Valid Text and Number Data	Successful, Member Added Successfully	Successful, Member Added Successfully	Pass
TC_SIGN UP_2	Verify Sign Up Detail	Enter invalid and incorrect data	Need text and number Data to be entered	Enter invalid Data in fields	Invalid Text and Number Data	Enter Valid Data	Enter Valid Data	Pass
TC_SIGN UP_3	Verify Sign Up Detail	Entering Nothing, Required Fields are blank	-	Click Submit	Nothing to enter Required fields are blank	Fill required field	Fill required field	Pass

CHAPTER 6: Results and Discussion

6.1 Output Screens

Figure -1



NAME OF THE COMPANY	HOLDING TYPE	HOLDING %	TURNOVER (CRD)	LOCATION	STATE	CEO/MANAGING DIRECTOR	WEBSITE
Jamshedpur Utilities & Services Company Limited (JUSCO)	Subsidiary	100	1114.13	Jamshedpur	Jharkhand	Tarun Daga	Click to view Website
Tata Pigments Limited	Subsidiary	100	115.7	Jamshedpur	Jharkhand	Shubhrajit Chatterjee	Click to view Website
Tata Steel Alloys Limited	Subsidiary	100	174.96	Cuttack	Odisha	Bhadrakshi Randa	Click to view Website
Tata Steel Processing and Distribution Limited (TSPDL)	Subsidiary	100	4390.82	Jamshedpur	Jharkhand	Abhinav Shastri	Click to view Website
Adityapur Toll Bridge Company Limited	Subsidiary	88.5	7.87	Jamshedpur	Jharkhand	Ritu Raj Sinha	—
Tripalika Company of India Limited	Subsidiary	74.98	2811.1	Jamshedpur	Jharkhand	R N Maiti	Click to view Website
Tata Roka Limited	Subsidiary	54.91	0	Jamshedpur	Jharkhand	Anand Sen	—
Tata Sponge Iron Limited	Subsidiary	54.5	992.05	Kanpur	Uttar Pradesh	Sanjay Pattnaik	—
Jamshedpur Continuous Annealing and Processing Co Pvt Ltd	Subsidiary	51	371.37	Jamshedpur	Jharkhand	Chowdhury Venkat Shetty	—
The Indian Steel & Wire Limited	Subsidiary	45.01	263.64	Jamshedpur	Jharkhand	Neelam Kanti	Click to view Website
Tata International Logistics Limited	Subsidiary	51	195.72	Kolkata	West Bengal	Anish K. Gupta	Click to view Website
Tata Metals Limited	Subsidiary	50.09	2155.11	Kolkata	West Bengal	Sandeep Kumar	Click to view Website
mpjuction Services Limited	Joint Venture	50	139.62	Kolkata	West Bengal	Vinay Verma	Click to view Website
S & T Mining Company Private Limited	Joint Venture	50	4.61	Kolkata	West Bengal	Hemant Sengupta	Click to view Website
Tata BlueScope Steel Limited	Joint Venture	50	400.52	Jamshedpur	Jharkhand	Mark R. Vossler	Click to view Website
Tata NOK Shipping Private Limited	Joint Venture	50	1.74	Kolkata	West Bengal	Anish Pandey	Click to view Website
JAMIPOL Limited	Associate	38.78	42.734	Jamshedpur	Jharkhand	Ashish Kumar Agrawal	Click to view Website
Bhubaneswar Power Private Limited	Subsidiary	100	540.63	Bhubaneswar	Odisha	Shashank Kumar	Click to view Website
Jamshedpur Football and Sporting Private Limited	Subsidiary	100	46.52	Mumbai	Maharashtra	Mukul Choudhary	Click to view Website
Tata Steel Foundation	Subsidiary	100	43.88	Mumbai	Maharashtra	Kaushik Chatterjee	—
Tata Global Logistics Ltd	Joint Venture	100	27.72	Kolkata	West Bengal	Anand Choudhary	Click to view Website
Kolaps Indian Private Ltd	Subsidiary	—	24.97	Gurgaon	Haryana	Sunil Puri	—
Nalco Duganta Water Management Limited	Joint Venture	74	16.88	Kolkata	West Bengal	Anand K. Das	Click to view Website
Tata Steel Special Economic Zone Ltd	Subsidiary	100	0.38	Bhubaneswar	Odisha	Anish Maiti	Click to view Website
Tata Mining Company Ltd	Joint Venture	74	—	Kolkata	West Bengal	Anish Gupta	—
Steel Adityapur Ltd	Joint Venture	51	0.04	Jamshedpur	Jharkhand	Tarun Daga	Click to view Website

[Click here to view a Dashboard](#)

Figure -2



← Back to Home

RECEPTION

Registration Info

Select Company

Email

Password

Confirm Password

Submit Reset

Already Created?

The image shows a registration form on a light yellow background. On the left is an illustration of a reception desk with a woman behind the counter and a man standing in front of it. The desk has a sign that says 'RECEPTION'. On the right is a white registration form. At the top left of the form is a link '← Back to Home'. The form has a title 'Registration Info', a 'Select Company' dropdown, and three input fields: 'Email', 'Password', and 'Confirm Password'. Below these fields are two green buttons labeled 'Submit' and 'Reset'. At the bottom of the form is a link 'Already Created?'.

Figure - 3



← Back to Home

RECEPTION

Registration Info

Select Company

saralag@usca.com

Password

Please fill out this field.

Submit Reset

Already Created?

The image shows the same registration form as in Figure -2, but with some changes. The 'Email' field now contains the text 'saralag@usca.com'. The 'Password' field has a red error message 'Please fill out this field.' below it. The 'Submit' and 'Reset' buttons are still present, as is the 'Already Created?' link at the bottom. The 'Back to Home' link and the reception desk illustration remain the same.

Figure - 4



Figure - 5



Figure - 6



Figure -7

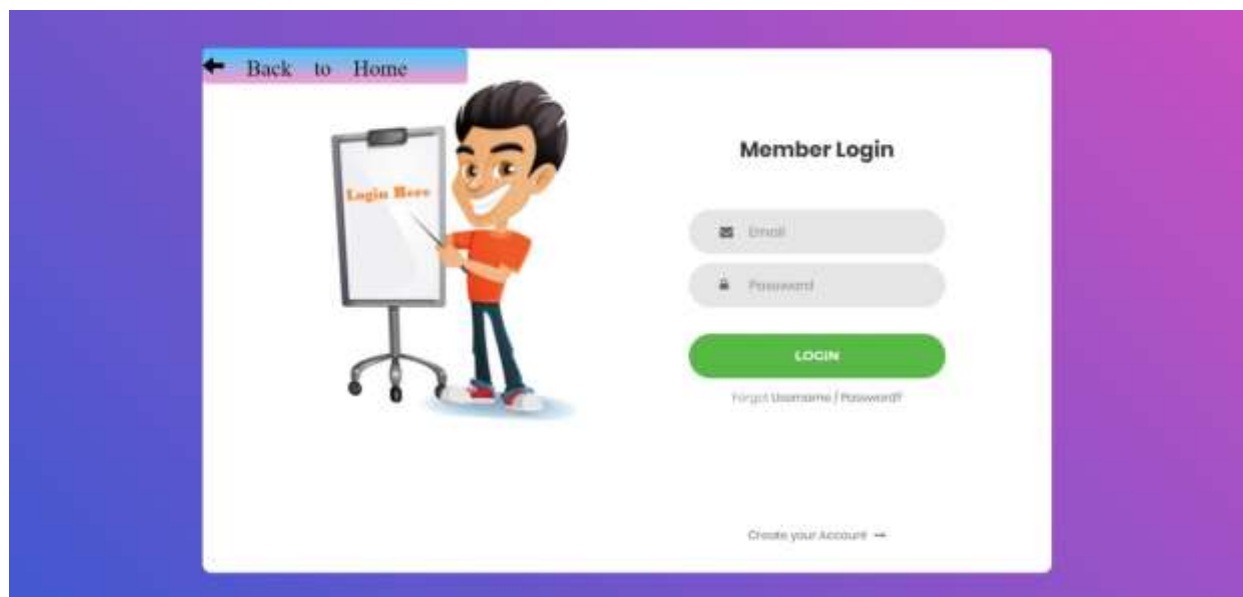


Figure - 8

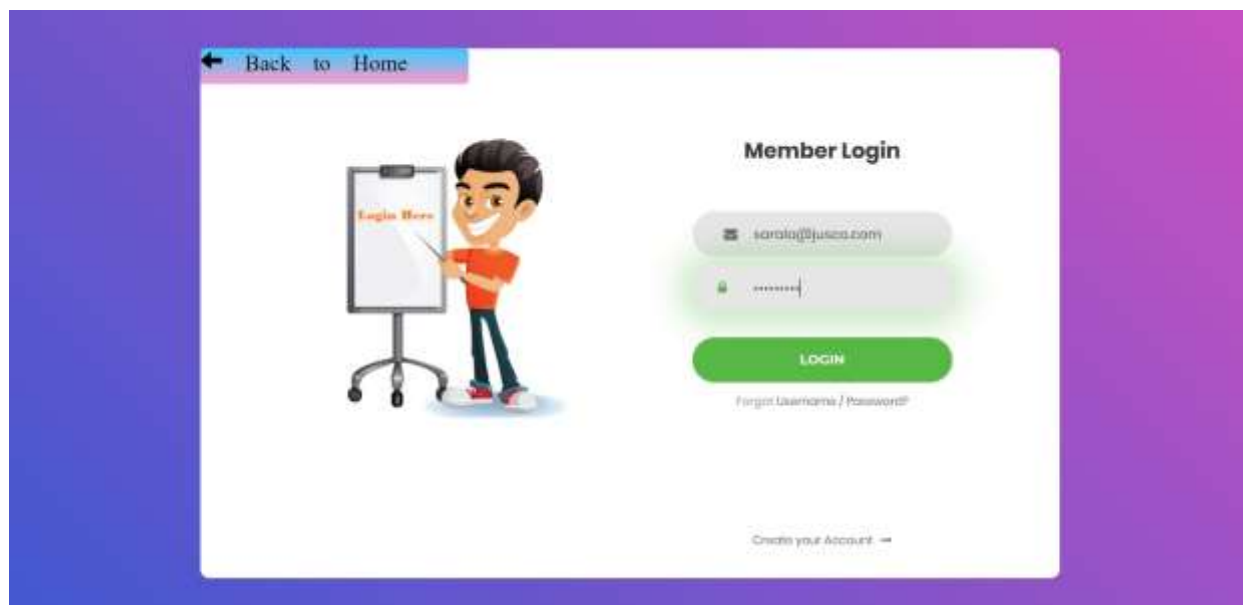


Figure -9



Figure - 10

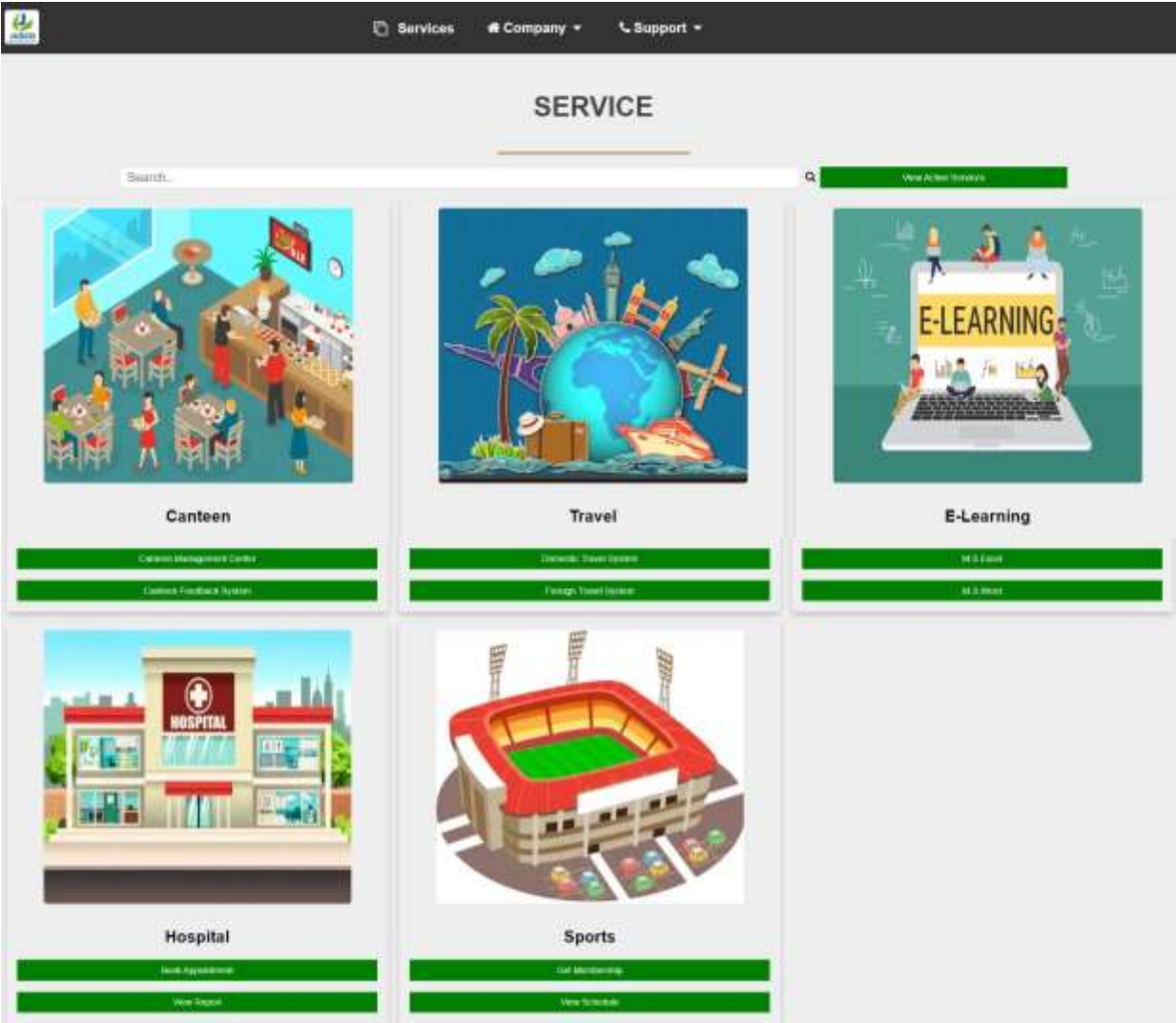


Figure - 11

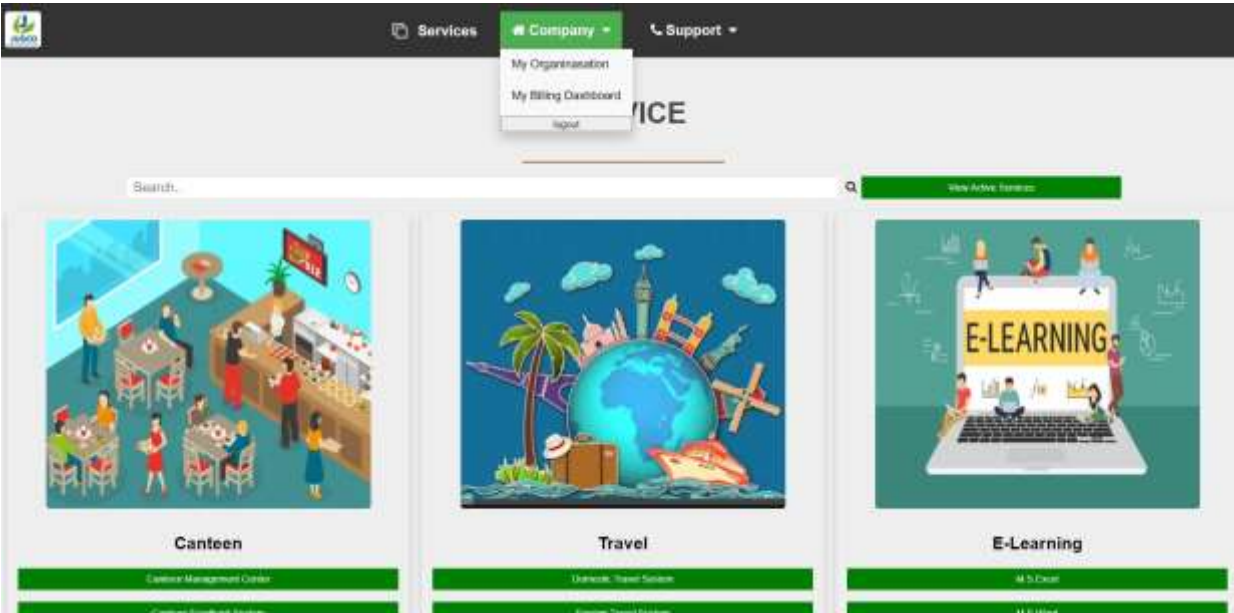


Figure - 12

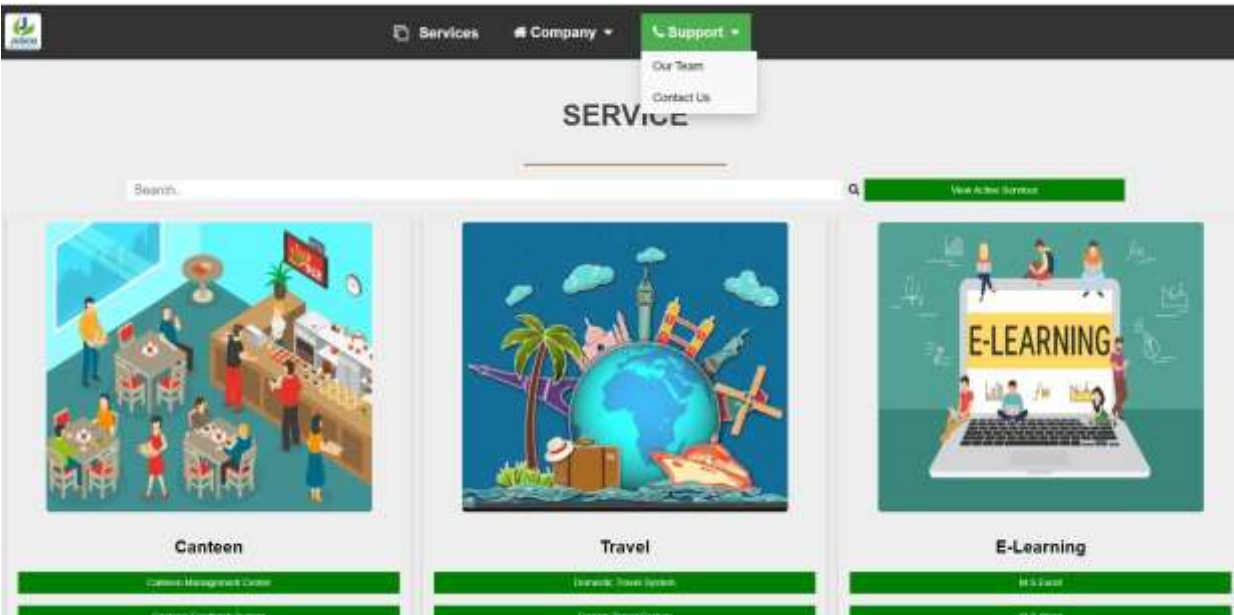


Figure - 13

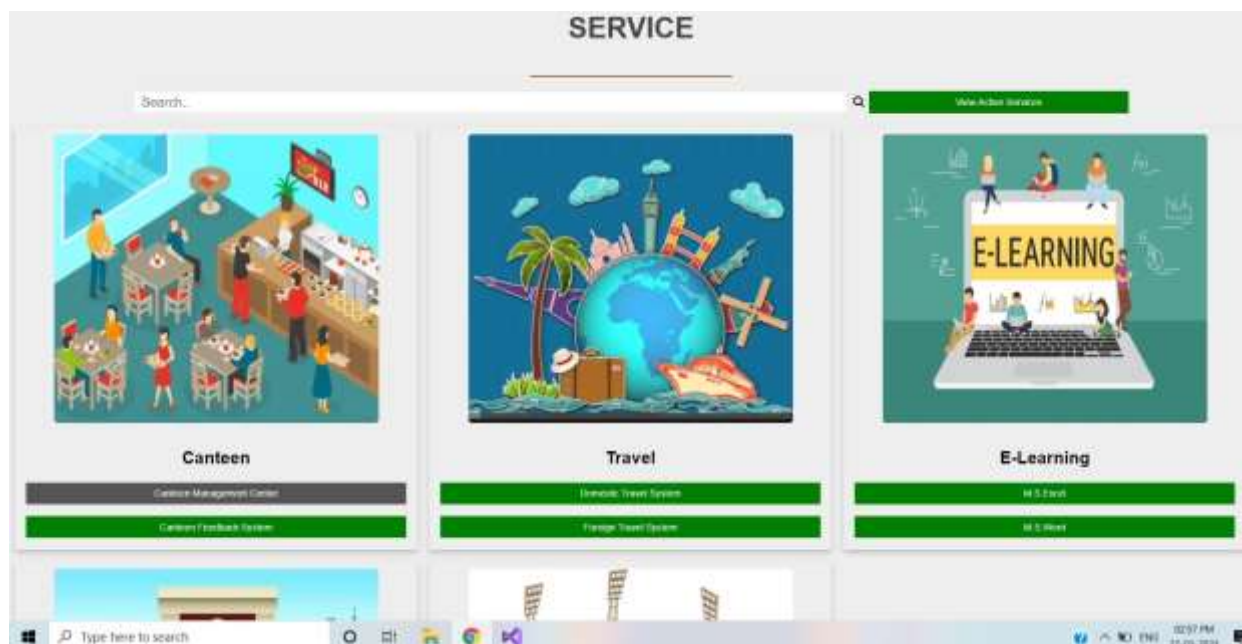


Figure - 14

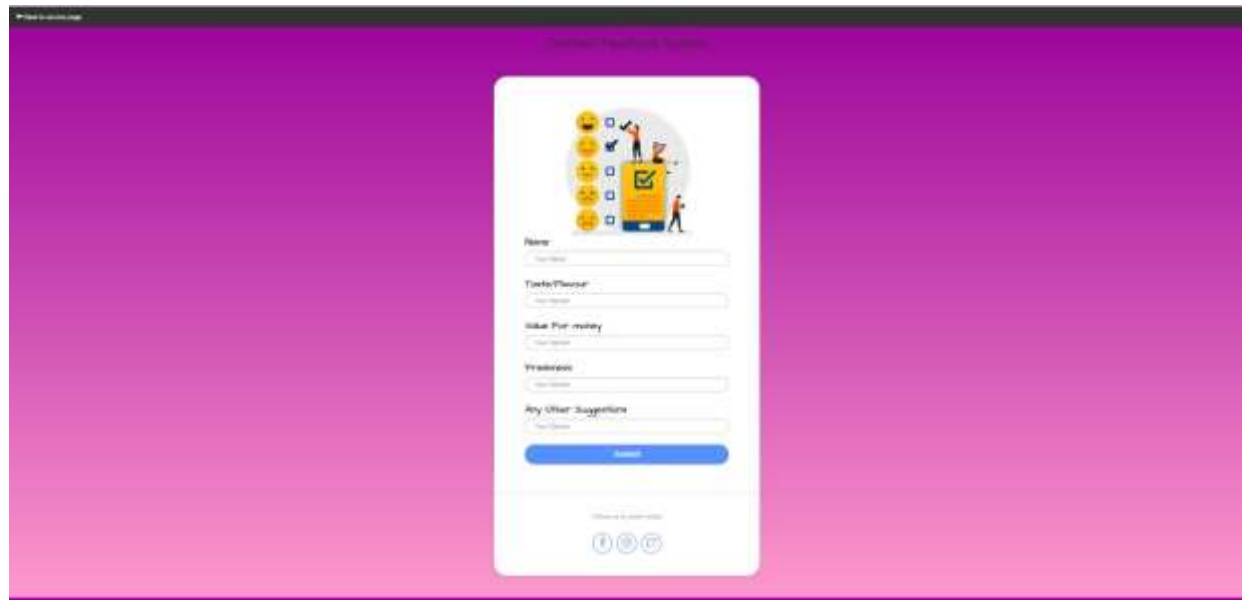


Figure - 15

Back to active service page

Canteen Management System

Cart

Items	Quantity	Price	Subtotal
Sandwich	0 + -	30	0
Soft Drink	0 + -	50	0
Ice-Cream	0 + -	40	0
Pizza	0 + -	120	0
Pastries	0 + -	20	0
Total			₹0

Billing Address

Full Name
abc

Email
abc@example.com

Address
flat no. building name

City
Jamshedpur

State
JH

Zip
831001

Payment

Accepted Cards
VISA

Name on Card
abc

Credit card number
1111-2222-3333-4444

Exp Month
September

Exp Year
2018

CVV
352

Figure - 16

Back to active service page

Canteen Management System

Cart

Items

Quantity

Price

Subtotal

Sandwich	4	30	120
Soft Drink	2	50	100
Ice-Cream	3	40	120
Pizza	2	120	240
Pastries	1	20	20
Total			₹600

Billing Address

Full Name

PANTULA SARALA

Email

sarala@jusco.com

Address

25074, 2nd block, C Wing, Janapriya utopia appt.

City

K.V.Rangareddy

State

TELANGANA

Zip

500048

Payment

Accepted Cards

Visa

MasterCard

Amex

Name on Card

PANTULA SARALA

Credit card number

545633437373

Exp Month

December

Exp Year

2021

CVV

201

Figure - 17

Email

sarala@jusco.com

Address

25074, 2nd block, C Wing, Janapriya utopia appt.

City

K.V.Rangareddy

State

TELANGANA

Zip

500048

Credit card number

545633437373

Exp Month

December

Exp Year

2021

CVV

201

Shipping address same as billing

Continue to checkout

localhost:50137 says

Thank you for using your service.

OK

Figure - 18

← Back to active service page

Domestic Travel System

🛒 0

Items	Tickets	Price	Subtotal
Airline	0	2864	0
Hotel	0	2000	0
Train	0	180	0
Bus	0	120	0
Resort	0	12000	0
Total			Rs.0

Figure - 19

← Back to active service page

Domestic Travel System

🛒 8

Items	Tickets	Price	Subtotal
Airline	1	2864	2864
Hotel	1	2000	2000
Train	2	180	360
Bus	3	120	360
Resort	1	12000	12000
Total			Rs.17584

Billing Address

Full Name
PANTULA SARALA

Email
sarala@jusoo.com

Address
25074, 2nd block, C Wing, Janapriya utopia appt.

K.V.Rangarreddy

State
TELANGANA

Zip
500048

☒ Shipping address same as billing

Payment

Accepted Cards
Visa, MasterCard, American Express

Name on Card
PANTULA SARALA

Credit card number
5654534337373

Exp. Month
December

Exp. Year
2021

CVV
201

Continue to checkout

Figure - 20

← Back to admin control page

Foreign Travel System

Cart

Items	Tickets	Price	Subtotal
Airline	1	2864	2864
Hotel	0	2000	0
Train	1	180	180
Bus	2	120	240
Resort	1	12000	12000
Total			Rs. 15284

Billing Address

Full Name
PANTULA SARALA

Email
sarala@jisco.com

Address
25074, 2nd block, C Wing, Janapriya utopia apt.
K.V.Rangareddy

State
TELANGANA

Zip
500048

☒ Shipping address same as billing

Payment

Accepted Cards

Name on Card
PANTULA SARALA

Credit card number
545634567373

Exp. Month
December

Exp. Year
2021

CVV
201

Continue to checkout

Figure - 21

localhost:50137 says
Thank you for using your service.

Billing Address

Full Name
PANTULA SARALA

Email
sarala@jisco.com

Address
25074, 2nd block, C Wing, Janapriya utopia apt.
K.V.Rangareddy

State
TELANGANA

Zip
500048

☒ Shipping address same as billing

Payment

Accepted Cards

Name on Card
PANTULA SARALA

Credit card number
545634567373

Exp. Month
December

Exp. Year
2021

CVV
201

Continue to checkout

Figure - 22

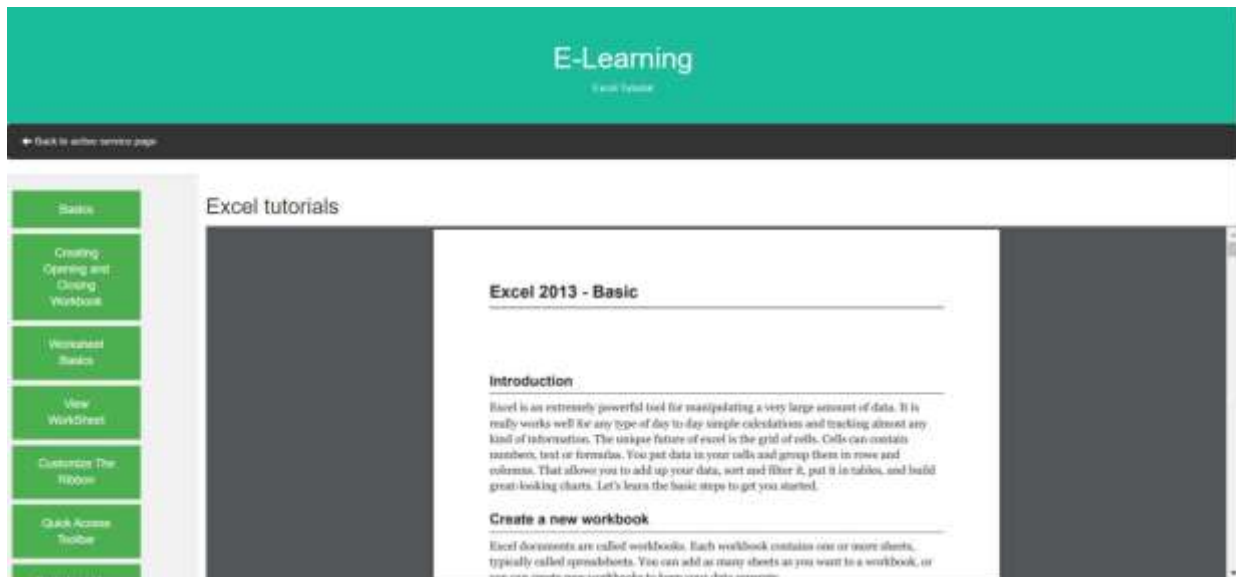


Figure - 23

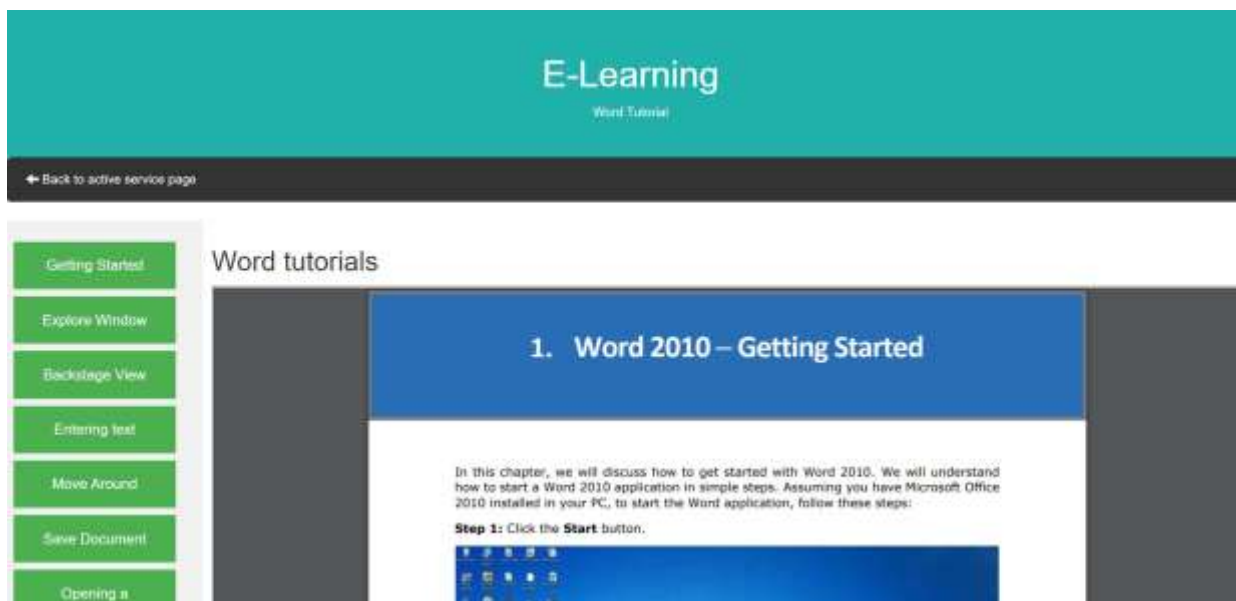
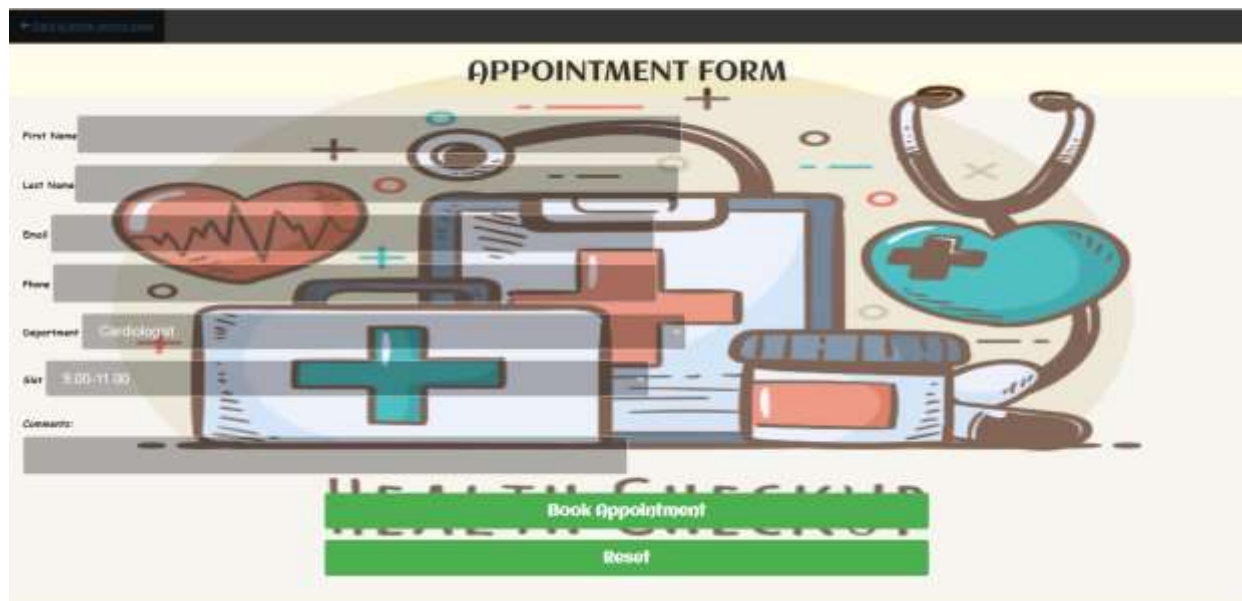
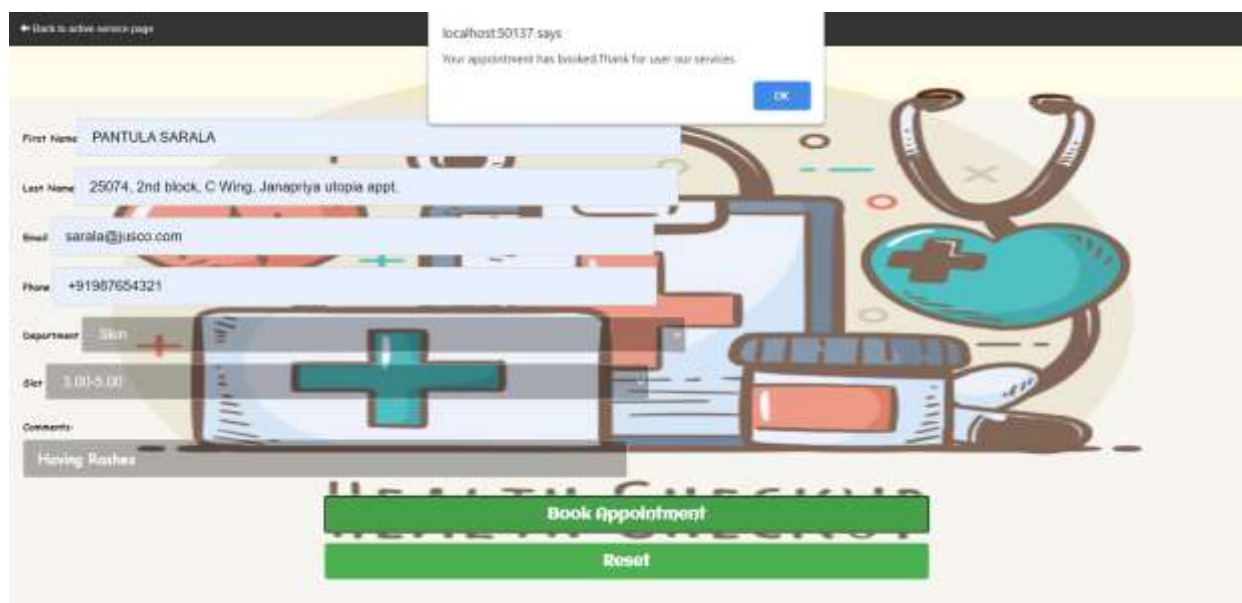


Figure - 24



The image shows a web application interface for an appointment form. The title "APPOINTMENT FORM" is centered at the top. Below the title, there are several input fields for user information: "First Name", "Last Name", "Email", "Phone", "Department" (with a dropdown menu showing "Cardiologist"), "Slot" (with a dropdown menu showing "9:00-11:00"), and "Comments". The background features a medical-themed illustration with a heart, a stethoscope, and a first aid kit. At the bottom, there are two green buttons: "Book Appointment" and "Reset".

Figure - 25



The image shows the same web application interface as Figure 24, but with the form fields filled out. The "First Name" field contains "PANTULA SARALA", the "Last Name" field contains "25074, 2nd block, C Wing, Janapriya utopia appt.", the "Email" field contains "sarala@jusico.com", the "Phone" field contains "+91987654321", the "Department" dropdown shows "Skin", and the "Slot" dropdown shows "9:00-5:00". The "Comments" field contains "Having Rashies". A success message box is displayed at the top, stating "localhost50137 says: Your appointment has booked.Thank for user our services." with an "OK" button. The background illustration and buttons remain the same.

Figure - 26



Figure - 27



Figure – 28

← BACK TO ACTIVE SERVICE PAGE

NAME
PANTULA SARALA
AGE
22
GENDER
Female
DESIGNATION
Officer

03/27/2021 KATA STEEL

NAME:
AGE:
GENDER:
DESIGNATION:

Figure – 29

← BACK TO ACTIVE SERVICE PAGE

NAME
PANTULA SARALA
AGE
22
GENDER
Female
DESIGNATION
Officer

03/27/2021 KATA STEEL

NAME:PANTULA SARALA
AGE:22
GENDER:FEMALE
DESIGNATION:OFFICER

03/27/2021 KATA STEEL

03/27/2021 KATA STEEL

Services	Total
Careless Management Center	100
Domestic Travel System	100
Foreign Travel System	100
M.2.Excel	100
M.2.Word	100
Stock Appointment	100
View Report	100
Get Membership	100
	\$700

View table in dashboard

Dashboard

Turnover

Holdings

Location

Holding Type

Holdings of the Subsidiary Companies

Subsidiary Company	Holdings (%)
International United	100
Asia Steel Adops Ltd.	100
Adoptee Ltd Bridge	100
Adoptee Ltd	90
Asia Steel Limited	75
International United	55
International United	55
International United	50
International United	95
International United	50
International United	50
International United	50
International United	50
International United	50
International United	50
International United	40
International United	100
International United	100
International United	100
International United	100
International United	75
International United	75
International United	50

Figure - 33



Figure - 34

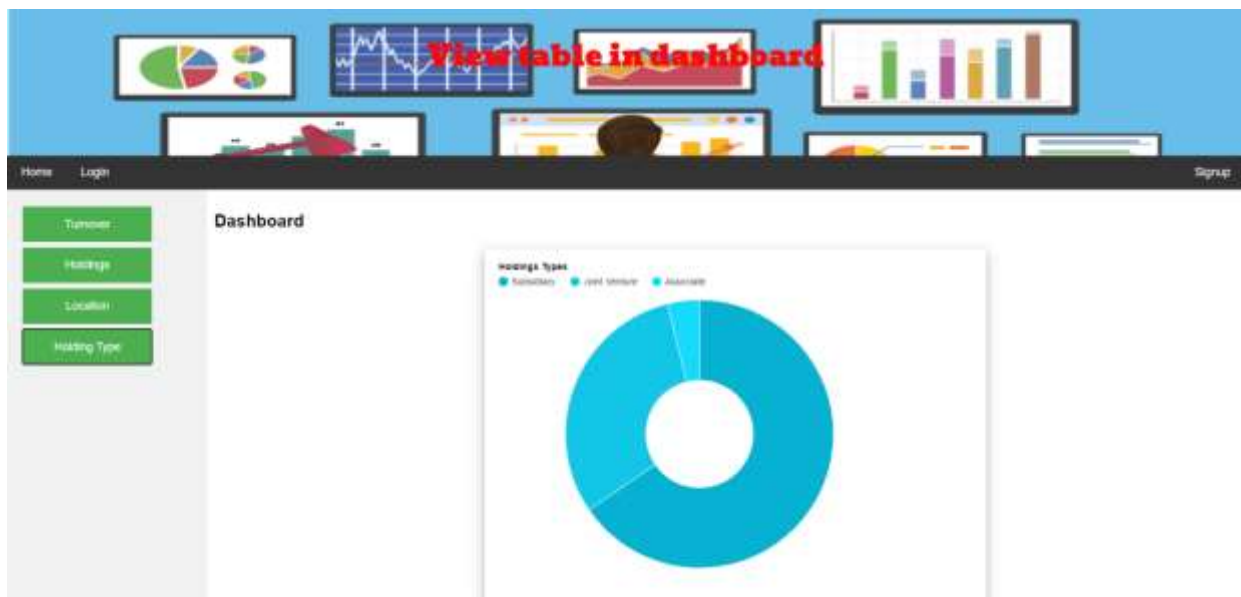


Figure - 35

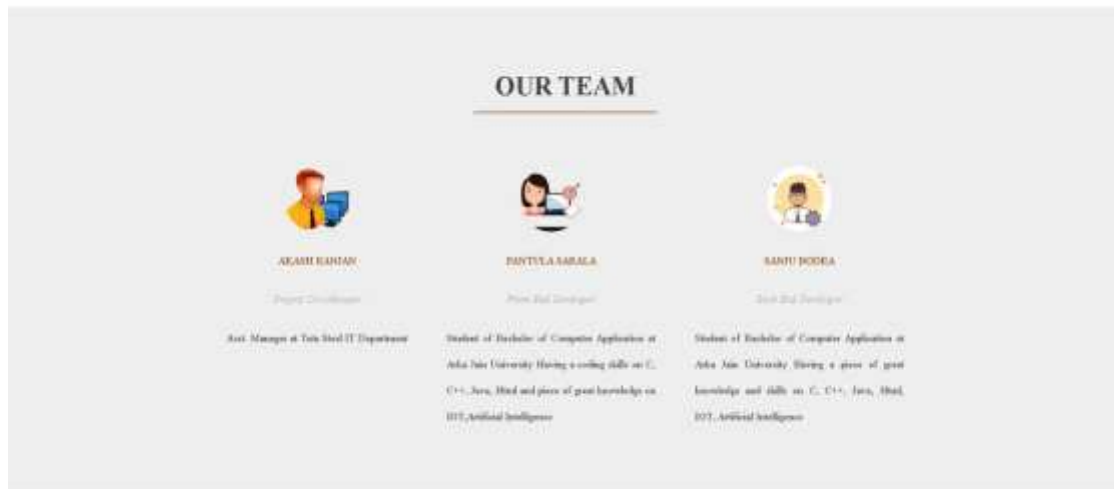


Figure - 36



6.2 Pages & Buttons on the Screens.

- **Home Page** : Four buttons & one table with links to websites (Fig - 1)
 - » Button 1 (Dashboard)
 - » Button 2 (Login)
 - » Button 3 (Signup)
 - » Button 4 (Click to view in Dashboard)
- **Dashboard Page** : This page will have Four Graphs
 - » Graph 1 : Column Chart for Turnover(Fig -31)
 - » Graph 2 : Pie Chart for Location(Fig-32)
 - » Graph 3 : Column Chart for Holding Percentage(Fig -33)
 - » Graph 4 : Doughnut Chart for Holding Types(Fig -34)
- **Register Page** : This page will have four fields (Fig - 2)
 - » Field 1 (Select Company): Select company from dropdown menu
 - » Field 2 (E-Mail) : Enter E-mail Id of employee
 - » Field 3 (Set Password): To set password (Fig – 3)
 - » Field 4 (Confirm Password): To check the field 3 & field 4 are same (Fig - 5)
 - » If the set password (field 2) & Confirm Password (Field 3) are not same then error will be displayed (Fig - 5)
 - » If Field 1 is empty i.e., not selected his company name (Fig - 4)
 - » If the user is already registered then a message will be displayed
 - » After Successful registration a message will be displayed (Fig – 6)
- **Login Page** : This page will have two fields (Fig - 7)
 - » Field 1 (E-Mail.): To enter E-Mail of the employee
 - » Field 2 (Password): To enter password
 - » If the entered password or E-Mail is incorrect, then an error message will be displayed (Fig - 9)
- **Service Page** : It displays the Logo, Active Service Tab, Company Dropdown tab & Support Dropdown tab in navigation bar (Fig 10)
 - » It contains services like Canteen, Travel, E-Learning etc.
 - » It also contains a search bar to search a service.
 - » If the user buys a service then the service button becomes disabled and that service can be viewed in Active Service page (Fig – 13).
 - » **Company Dropdown** tab contains (Fig 11)
 - My organization : On clicking it navigates to the website of his/her company
 - My billing dashboard
 - Signout : Redirects to the homepage
 - » **Support Dropdown** tab contains (Fig - 12)
 - Our Team : Displays the team developed the program (Fig 35)
 - Contact us: Inputs field are given to report the problems. (Fig 36)
 - **Active Service Button** : On clicking it navigates to
 - a blank page if the user do not selects for any services

- **Canteen Management System:**
 - If user wish to give feedback about the Canteen Management system, he can do so by filling up a feedback form (Fig – 14)
 - If the user applies for Canteen management center, selected service will be shown (Fig – 15).
 - Now, the user selects the items in the list and orders for food and proceeds for payment process (Fig – 16).
 - After successful payment process a thanksgiving message will be displayed on the screen (Fig – 17).
- **Travel :**
 - If the user applies for Domestic Travel System, selected service will be shown (Fig – 19)
 - Now, the user buys ticket as per his requirement and proceeds for payment process (Fig – 19).
 - After successful payment process a thanksgiving message will be displayed on the screen.
 - If the user applies for Foreign Travel System, selected service will be shown (Fig – 20)
 - Now, the user buys ticket as per his requirement and proceeds for payment process (Fig – 20).
 - After successful payment process a thanksgiving message will be displayed on the screen (Fig – 21).
- **E- Learning :**
 - If user wants to learn MS – Excel, he can do so by using E-learning Module (Fig – 22).
 - If user wants to learn MS – Word, he can do so by using E-learning Module (Fig – 23).
- **Hospital :**
 - If user wants to book an appointment with a doctor, he can do so by using Appointment Form in Hospital Module (Fig – 24).
 - After successful appointment, a message will be displayed on the screen (Fig – 25).
 - If user wants to view his medical reports, he can do so by using View Medical Report in Hospital Module (Fig – 26).
 - He can open the report and view the reports online (Fig – 27).
- **Sports :**
 - The user can obtain his membership card by applying himself “online” (Fig- 28 & Fig – 29).
 - He can view Schedule of forthcoming matches in Cricket & Football.
- » **My Billing Dashboard :**
 - He can view bills for the boughtout services (Fig – 30).

6.3 Limitations

- SMS alert facility is not available.
- Portal is not SEO friendly
- Registration Email Verification Not available
- Risk unauthorized accessibility

6.4 Future Scope

The various things can be made it simple and user friendly. As by increasing some of the coding we can improve it functionality. Online payment system is yet not integrated to the system which can be featured in the near future.

Till now it does not have the facility of back up the database. By as the next advancement we can make it able to bundle the backup facility so that one can perform operation based on previous records.

As the technology emerges, it is possible to upgrade the system and can be adaptable to desired environment.

Based on the future security issued, security can be improved using emerging technologies.

6.5 Conclusion

The Dashboard for Tata Steel Group of Companies has been computed successfully and was also tested successfully by taking "Test Cases". It is user friendly, and has required options, which can be utilized by the user to perform the desired operations.

This whole work is to make employees aware about the progress of Tata Steel Group of companies in terms of turnover, percentage of holding, holding type and the geographical location. Also, the employees can avail the services provided by the company in terms of credit limit, cumulative billing amount etc., the user can have a better idea about his organization while using the program. After deployment of the software, more and more services can be added at any point of time by the administrator / developing team.

The Software is developed using HTML, CSS, JS as front end and ASP.net, Microsoft SQL server as back end in windows environment.

The goals that are achieved by the software are:

- Simplification of the operations
- Less processing time and getting required information
- User friendly
- Portable and flexible for further enhancement

CHAPTER 7: References

The following reference has been used to develop the project “Dashboard for Tata Steel Group of Companies”:

- www.google.co.in
- www.wikipedia.org
- www.w3school.com
- www.tutorialspoint.com
- www.stackoverflow.com
- www.docs.microsoft.com
- www.youtube.com

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