



**SAVEETHA SCHOOL OF ENGINEERING
SIMATS, CHENNAI**



**Course Code /Title: CSA43 – Internet Programming
Programme : Computer Science and Engineering**

CAPSTONE PROJECT TITLES

1. **A local library needs a website to streamline operations and enhance user experience. The site will include a catalog for searching and viewing books, user accounts for borrowing and managing books, and an admin dashboard for managing inventory and user data. Essential features include a search function, book details page, user login system, and contact form, The system helps both students and library managers to keep constant track of all the books available in the library. It allows both the admin and the student to search for the desired book. It becomes necessary for colleges to keep a continuous check on the books issued and returned and even calculate fines.**

Librarian Admin:

- Login
- Add Book
- Update/Delete Book
- Issue Book for student
- Return Book Status
- Make Fine
- Update material (year, semester wise)
- View material

User

- Login
- Register
- Search Book
- My Borrow History Book
 - o Issue Date, Exp Date
- Check Fine
- Search material (year, semester wise)
- Download material
- My profile

2. **The online hotel room booking website allows users to search for hotels based on destination, dates, and number of guests, offering detailed listings with room options, prices, amenities, and reviews. Users can create accounts, log in, and manage their bookings through a user-friendly dashboard. The booking process includes checking room availability, filling out a booking form, and completing secure payments via an integrated payment gateway. Post-booking, users receive confirmation emails and can leave reviews and ratings. Admins manage hotel listings, room availability, and user accounts through a dedicated admin panel. The website is fully responsive, ensuring seamless access on all devices.**

Functionalities:

Users.

1. Users can register at the hotel and then they can view or modify their profile.
2. Users can book a room on any specific date.
3. Users can view all their booking history at the hotel.

4. Users can change the booking at any time 3 days before the arrival date.

5. Users can cancel the booking at any time 3 days before the arrival date.
6. Users can check the room availability at the hotel before they book a room.

Administrator

7. Administrators can change the quantity and price of all four types of rooms.
8. Administrators can change any specific booking details.
9. Administrators can cancel any specific booking.
10. Administrators can modify the details of static pages including room information, about us information, contact us information, customer service Q&A details, local travel and shipping guide, and privacy policy after login.
11. It should also contain a basic room type introduction, contact information, customer service Q&A, local travel and shipping guide, and a privacy policy

3. **The online bus ticket booking system enables users to search for buses by route, date, and time, and view available seats. Users can create an account, log in, and manage their bookings through a personal dashboard. The booking process includes selecting seats, filling out passenger details, and making secure payments via an integrated payment gateway. Admins can manage bus schedules, seat availability, and user accounts through an admin panel. Users receive booking confirmation emails and can view their booking history. The website is mobile-responsive, ensuring easy access on all devices.**

Admin

In this system, the admin can maintain all the Bus information and maintain Bus category, comments etc.

In this system, the admin can maintain the registered users, manage news, and the admin can generate reports and manage the whole system.

Login:

Login Module includes various utilities like User Authentication, Change Password and Forgot Password.

Registration:

This website provides some facilities users can be Registered in this website. user can use this facility so user can make a registration

Book the Ticket:

In this module, the admin can add a new bus category using this module. Bus Category contains like Volvo, Slipper coach, coach etc.

Update Bus Information:

In this module, the admin can add or Update Bus using this module. It contains information about the Bus type, photo, description, Location of the tour, Available Seats in Bus etc.

Cancel the Booking Ticket:

In this Module, the User can cancel the booking Ticket.

Comments:

In this Module, Users can Post Comments on a particular Bus.

Report Generation:

This module is used to generate a report.

4. The online train reservation system allows users to search for trains by route, date, and time, and view available seats and classes. Users can register, log in, and manage their reservations through a personal dashboard. The booking process involves selecting seats, entering passenger details, and making secure payments via an integrated payment gateway. Admins can manage train schedules, seat availability, and user accounts through a comprehensive admin panel. Users receive booking confirmation emails and can view their booking history and print tickets from their dashboard. The website features real-time seat availability updates and is fully responsive for seamless use on all devices.

The Reservation system should contain the following features:

1. If a passenger wants to reserve ticket(s), firstly, he/she has to log in to the Railway system with valid credentials. Then, the passenger has to provide his/her details with the date of the journey, names of the passengers and their details, origin station details, destination station details, and the class type of the required ticket(s).
2. The Railway Reservation System will provide the available Train-list, and Seat-availability, via-details.
3. To book a ticket passengers can pay through online/offline mode. After successful payment of the ticket fare the System will generate the ticket and PNR no. will be given to the passenger. The System also keeps the payment details and sends them to the system Admin.
4. The Passenger can check PNR status (confirmed, RAC, waiting list) by entering the PNR no. into the Reservation system.
5. The Reservation system should store all train details, fare details (by zone, class, and date wise), PNR no, date of trains, etc. This maintenance should be controlled by the Admin.
6. The System also has refund rules which have a date of reservation, ticket fare, and refundable percentage. The passenger can simply cancel the ticket(s) by entering the PNR no and a cancel ticket request. After cancellation, the admin will pass the refundable amount to the System and the System will give the refundable amount to the passenger.

5. The online flight reservation system enables users to search for flights by destination, date, and class, displaying available options with real-time seat availability. Users can register, log in, and manage their reservations via a personal dashboard. The booking process includes selecting flights, choosing seats, entering passenger details, and making secure payments through an integrated payment gateway. Admins can manage flight schedules, seat inventory, and user accounts using an advanced admin panel. Users receive booking confirmation emails with e-tickets and can view their booking history and travel itineraries. The website is fully responsive, ensuring an optimal experience on all devices. The airline reservation system is a web-based system that helps in consolidating flight data - flight schedules, seat availability, flight fares and reservations from all airlines with the help of global distribution systems and provides real-time inventory and rates for customers and travel agents to book flight tickets online.

- Administrator User Login Page
- Forgot Password Page
- Search Flight Page

- Book Ticket Page
- Ticket Payment Page
- My Ticket Page
- Cancel Ticket Page
- Customer Feedback
- Admin Report
- Search Flight Page
- View Booking Status Page
- Print Ticket Page

6. The online cake ordering system allows users to browse a variety of cakes by category, flavor, and occasion, complete with detailed descriptions and images. Users can register, log in, and manage their orders through a personal dashboard. The ordering process includes selecting a cake, customizing options like size and message, entering delivery details, and making secure payments via an integrated payment gateway. Admins can manage cake inventory, track orders, and handle user accounts through an admin panel. Users receive order confirmation emails and can track delivery status. The website is fully responsive, providing a seamless shopping experience on all devices. Buy a Cake is a portal which allows admin in developing counters to advertise and sell their cake. This would permit rural communities to make their wares available to the rest of the world. The proposed system is to develop the website for cake store. User can buy the nearby cake available in app. An E Com App is a portal which allows admin in developing products to promote and sell their goods. This would permit rural communities to make their wares available to the rest of the world.

Admin	Student
<ul style="list-style-type: none"> • Login • Manage Products • Post Cake details • Upload images • Product • Description • Manage Orders • Update order Status • Shipping Location • Logout 	<ul style="list-style-type: none"> • Register • Login • Search Cake • Filter • Category • Sub category • Price Range • View Cake list • View cake description • Add to Cart • Place order • Add Shipping Address • Update Shipping Address • My Order • View Shipping Status

7. The online beauty parlour appointment booking system allows users to browse available services, view stylist profiles, and check appointment slots in real-time. Users can register, log in, and manage their appointments through a personal dashboard. The booking process includes selecting services, choosing a stylist, selecting a date and time, and making secure payments via an integrated payment gateway. Admins can manage service offerings, stylist schedules, and user accounts through a comprehensive admin panel. Users receive appointment confirmation emails and reminders, with the option to reschedule or cancel appointments through their dashboard. The website is fully responsive, ensuring an optimal experience on all devices. This website helps customers to search for any beauty parlour and book appointments as they preferable date and time.

Have reservations calendar

- ☐ Create, edit, and cancel reservations
- ☐ Lockout unavailable hours
- ☐ Get the crucial information for each date on the

calendar Customers' personal account page

- ☐ Upcoming reservations
- ☐ Reservations history
- ☐ Personal data

Salon manager and staff member in order to control and manage reservations.

- ☐ Upcoming reservations
- ☐ Reservations calendar
- ☐ Add reservation
- ☐ Edit reservations
- ☐ Send an SMS or call to the customer
- ☐ customers leave feedback about their experiences and learn from their suggestions.

Accept online payments as a whole payment or as a partial deposit with Stripe or PayPal or with one of the available payments

- ☐ Require full payment or a deposit
- ☐ Accept PayPal or Stripe
- ☐ Automatic cancellation of unpaid reservations
- ☐ We have more than twenty different payments platforms integration add-ons

8. In an effort to streamline the appointment process and enhance patient experience,

MedCare Hospital has developed an online appointment booking system. This platform allows patients to book appointments with doctors from various specialties at their convenience. Key functionalities include user registration and login, browsing available doctors and appointment slots, booking and canceling appointments, and receiving appointment reminders via email or SMS. Patients can also view their appointment history and update their personal details. The system ensures data security and compliance with healthcare regulations to protect patient information. This online service aims to reduce wait times, minimize paperwork, and provide a seamless experience for patients and healthcare providers alike. This website helps the patient to search any hospital and book appointments as they prefer.

- Search Module
- Appointment Booking
- Check-in form Submitting
- Appointment management
- Schedule a timing
- Past appointment Management

Admin Features

- Manage appointments
- Manage doctors
- View Appointments statistics
- Rating Details

Patient Features

- Signup/Login.
- Can choose and book an appointment at the flexible time and date.
- Can search for doctor according to specialty and location.
- Can write reviews about the doctor and can select doctors according to other user feedback.
- Can access all previous check-in details and medical past appointment

User

- User Registration
- User Login
- Search Location wise
- View Hosptial list
- Book Appointment
- View status
- View google map for single hospital

Hospital

- Hospital Registration
- Hosptial login
- Create hostpital details
- Update details
- Update location

9. TechSavvy, a leading retailer of electronic gadgets, has launched an online shopping platform to provide customers with a seamless and convenient shopping experience. The website features a wide range of products, including smartphones, laptops, tablets, and accessories, all categorized for easy browsing. Key functionalities

include user registration and login, product search and filtering, detailed product descriptions and reviews, secure payment options, and order tracking. Customers can add items to their cart, create wish lists, and receive personalized recommendations based on their browsing and purchase history. The platform also offers exclusive online discounts and promotions, ensuring customers get the best deals on the latest gadgets. The core of an online shop is the product catalogue and the cart. The users browse products which are grouped in categories and add the desired ones to the cart. Next, there is transaction handling, which in its simplest form consists in the order being sent via e-mail to the seller, but most often it takes the whole buying process through separate order statuses.

Products should be logically categorized, with the most popular categories listed first. Display all the available categories for shopping on the home page.

Display all the subcategories on the home page, that are associated with any particular item.

Admin has the authority to add new particulars to the items list whenever needed.

Permission to the administrator to remove items, anytime.

Allows the admin to modify the price of each item, whenever required or felt like.

Admin has the authority to update the description of each item.

Permission to the admin to view information about each customer who checkouts the items list.

Use Cases

1. Visit a site
2. Login
3. Search for Items
4. Check Availability of Items
5. Add Items to Shopping Cart
6. Edit Items in the Shopping Cart
7. remove Items from the Shopping Cart
8. Check out the Shopping Cart
9. Check Order Status
10. Browse Order History
11. Display Item Details
12. Logout
13. Leave a site

10. StyleHub, a premier online fashion retailer, introduces its comprehensive e-commerce platform designed to cater to fashion enthusiasts. The website offers an extensive collection of clothing, footwear, and accessories for men, women, and children, with categories such as casual wear, formal attire, and seasonal collections. Key functionalities include user registration and login, advanced search and filtering options, detailed product descriptions with high-resolution images, customer reviews, and size guides. The platform supports secure payment methods, order tracking, and an easy return and exchange policy. Customers can create wish lists, receive personalized style recommendations, and enjoy exclusive online discounts and flash sales. StyleHub aims to provide a seamless and enjoyable shopping experience, keeping users up-to-date with the latest fashion trends. The core of an online shop is the product catalogue and the cart. The users browse products which are grouped in categories and add the desired ones to the cart. Next, there is transaction handling, which in its simplest form consists

in the order being sent via e-mail to the seller, but most often it takes the whole buying process through separate order statuses.

- The key to helping customers find the products they need quickly is to offer a user-friendly navigation system.
- Products should be logically categorized, with the most popular categories listed first.
- Display all the available categories for shopping on the home page.
- Display all the subcategories on the home page, that are associated with any particular item.
- Admin has the authority to add new particulars to the items list whenever needed.
- Permission to the administrator to remove items, anytime.
- Allows the admin to modify the price of each item, whenever required or felt like.
- Admin has the authority to update the description of each item.
- Permission to the admin to view information about each customer who checkouts the items list.

Use Cases

2. Visit a site
2. Login
3. Search for Items
4. Check Availability of Items
5. Add Items to Shopping Cart
6. Edit Items in the Shopping Cart
7. remove Items from the Shopping Cart
8. Check out the Shopping Cart
9. Check Order Status
10. Browse Order History
11. Display Item Details
12. Logout
13. Leave a site

11. Home Finder, an innovative online real estate platform, is designed to simplify the property search and transaction process for buyers, sellers, and renters. The website features a comprehensive database of residential and commercial properties, with advanced search filters for location, price, type, and amenities. Key functionalities include user registration and login, detailed property listings with high-quality images and virtual tours, and interactive maps to explore neighborhood features. Users can schedule property viewings, save favorite listings, and receive notifications for new or updated properties matching their criteria. The platform also offers tools for property valuation, mortgage calculators, and direct communication with real estate agents. Home Finder aims to make the property search process efficient and transparent, providing users with valuable. This website helps the user to search and book lands/houses in their required area in their budget.

- Provide a login page for buyers and store their username and password in the database

and can save the search criteria for the buyers.

- Helps the buyers to use the same search criteria rather than creating a new criterion every time the buyer performs the search.
- Add more advertisements on the website or links to another website.
- Add agent and company search functionality.
- Displaying the search results on Google Maps and locating the area where the property listing is located.
- It should be friendly and pretty
- Store and give details of properties
- Maintain record of customers visited the website

12. InsureEasy, a cutting-edge online insurance management platform, is designed to streamline the insurance process for users. The website allows customers to easily compare and purchase various insurance policies, including health, auto, and home insurance. Key functionalities include user registration and login, a policy comparison tool, detailed policy descriptions, and secure online applications. Users can view and manage their existing policies, make premium payments, and file claims through an intuitive dashboard. The platform also provides personalized recommendations based on user profiles and needs, and sends automated reminders for policy renewals and upcoming payments. InsureEasy aims to enhance user convenience and provide comprehensive support for all insurance-related needs. This system maintains information of managers who can deal with agents and customers. In existing system, the manual procedure is followed where records are used to maintain data which is a time taking process and requires manpower and calculating commissions dues. Etc are done manually. This system is where agents send SMS alerts to the policyholder to remind them before and exceed the data of due.

Admin

- Login
- Approve Agent login
- View all agent details

Agents

- Register
- Login
- Create Customer
- Manager Customer Details
- Manage Policy Details
- Send SMS Alert

User

- Login
- Manage policy details
- Get sms alert

13. BlossomGifts, a user-friendly online platform, offers a seamless experience for ordering

flowers and gifts for any occasion. The website features a diverse selection of floral arrangements, gift baskets, and personalized gifts, all organized by occasion, recipient, and price range. Key functionalities include user registration and login, a customizable order system with options for delivery dates and times, and detailed product descriptions with high-quality images. Customers can track their orders in real-time, schedule future deliveries, and receive order confirmations via email or SMS. The platform also supports secure payment methods and provides special promotions and discounts for loyal customers. BlossomGifts aims to make sending thoughtful gifts and flowers easy and convenient, ensuring timely delivery and customer satisfaction.

- The key to helping customers find the products they need quickly is to offer a user-friendly navigation system.
- Products should be logically categorized, with the most popular categories listed first.
- Display all the available categories for shopping on the home page.
- Display all the subcategories on the home page, that are associated with any particular item.
- Admin has the authority to add new particulars to the items list whenever needed.
- Permission to the administrator to remove items, anytime.
- Allows the admin to modify the price of each item, whenever required or felt like.
- Permission to the admin to view information about each customer who checkouts the items list.

Use Cases

Visit a site Login Search for Items Check Availability of Items Add Items to Shopping Cart Edit Items in the Shopping Cart remove Items from the Shopping Cart Check out the Shopping Cart Check Order Status Browse Order History Display Item Details Logout Leave a site	Edit (Change, Delete) Customer Info Inquire about ... via email Maintain (add, change, delete) Inventory View Order Summary
--	--

14. ReNewMarket, a dynamic online marketplace, connects buyers and sellers of second-hand goods with ease. The website features a broad range of categories, including electronics, furniture, clothing, and collectibles. Key functionalities include user registration and login, a user-friendly listing creation tool for sellers, and advanced search and filtering options for buyers. Listings include detailed descriptions, photos, and pricing information, with the option to negotiate prices directly with sellers. Users

can track their transactions, leave feedback, and manage their favorite items and notifications. The platform also provides secure payment options and a simple process for arranging item pick-ups or deliveries. ReNewMarket aims to provide a reliable and convenient space for exchanging pre-loved items while promoting sustainability

□ **User Management**

The system login successfully and the network connection is working.

- ✓ The administrator set login account and password.
- ✓ Editing User
- ✓ Deleting User

□ **Category Management**

- ✓ Add category information.
- ✓ Delete category information

□ **Commodity Management**

- ✓ Editing Commodity
- ✓ deleting Commodity

□ **Order Management**

- ✓ Change logistics status: (Shipped/ Received)
- ✓ Delete Order

15. EasyToll, an advanced online toll payment system, simplifies the process of managing toll fees for drivers. The website allows users to register and log in to access their toll account, where they can view and pay outstanding toll charges from various toll gates. Key functionalities include real-time toll balance updates, automatic payment options, and the ability to add or update vehicle details. Users can view detailed transaction history, set up recurring payments for frequent routes, and receive notifications for upcoming toll charges. The platform also supports secure payment methods and provides a user-friendly interface for managing toll accounts and reviewing payment summaries. EasyToll aims to enhance the convenience of toll payments and reduce wait times at toll booths, This website should help the user to pay toll in advance therefore not to wait in queue while travelling.

Admin:

- Login
- Manage User & Toll pass
- Manage Toll login
- Approve toll pass
- Generate QR Code
- Create Toll details

User:

- Register
- Login
- Add Money – eWallet
- Buy Toll eTicket
- Apply New toll pass
- Renewal toll pass
- Apply Toll pass
- Get QR Code for Toll pass

Toll Gate User :

- Logi
n
 - Scan QR
 - Verify toll pass ID
 - Verify Toll ticket
 - Update toll location

16. ComplainEase is a robust online platform designed to streamline the process of registering and managing complaints. The website allows users to easily submit complaints by filling out a detailed form that includes categories, descriptions, and supporting documents. Key functionalities include user registration and login, real-time complaint tracking, and status updates via email or SMS. Users can view their complaint history, receive feedback from resolution teams, and provide additional information or evidence if needed. The platform also includes a search feature for browsing common issues and solutions, and a dashboard for managing and resolving complaints efficiently. ComplainEase aims to improve responsiveness and transparency in handling user grievances, ensuring a smooth and effective resolution process.

USER

- Login
- Register
- Post Complaint
- Location Mark in Google Map

- View complaint status
- Feedback
- Get Admin Contact details

OFFICER

- Register
- Login
- View Complaint
- Update status
- Update proof of work

ADMIN

- Generate id & password for officer
- The administrator has full-fledged rights over the OES.
- Can create/delete an account.
- Can view the accounts.
- Can change the password.
- Can hide any kind of features from both of users.
- Insert the information of available on OES. Can access all the accounts of the officer.

17. VoteOnline is a secure and user-friendly e-voting platform designed to facilitate and streamline the voting process for elections. The website allows registered voters to log in and cast their votes remotely, ensuring a seamless voting experience. Key functionalities include user authentication with multi-factor verification, a list of candidates or referendum options with detailed information, and a simple, intuitive voting interface. Voters can view their voting history, receive confirmation of their submitted votes, and track the progress of the election in real-time. The platform also provides secure data encryption to protect voter information and ensures compliance with electoral regulations. VoteOnline aims to make the voting process more accessible, efficient, and transparent, reducing barriers to participation and enhancing election integrity

Admin

- Create Election Candidate
- Allocate election Data with Candidate
- Allocate user to election wards
- Create Voter List
- Import Voter List
- View & update Voter List
- Get Election Results

USER

- Login using Voter ID
- OTP Login Verification
- Get OTP for Voting

- Select Candidate
- Submit Vote

18. AgriMart is a comprehensive online platform catering to farmers and agricultural enthusiasts with a wide range of products and services. The website features categories such as seeds, fertilizers, pesticides, farming equipment, and tools. Key functionalities include user registration and login, product search and filtering, detailed product descriptions, and high-resolution images. Customers can place orders directly, track their shipments, and access personalized recommendations based on their purchase history. The platform also offers secure payment options and customer support for product inquiries and order issues. AgriMart aims to provide a convenient and efficient shopping experience, helping users access essential agricultural supplies and resources with ease.'

FARMER

- Login
- Register
- OTP Verification
- Manage Orders
- Update order Status
- Add Product
- Update/Delete product
- Upload images
- My Sales
- Update Shipping Status
- Logout

PUBLIC

- Register
- Login
- OTP Verification
- My Account
- Manage Wallet Balance
- View product details
- Search product
- Add to cart
- Edit/Delete Cart
- Add/Edit Shipping Address
- Order Product
- My Order status
- View Shipping Status

19. The farmer must send his animal's signs and symptoms to doctor in video, audio, images or text form. The doctor will receive the farmer's requests and respond. The user's data will be automatically added to the database. The farmer has to register first and has to subscribe. A farmer will freely subscribe to Govt. CVHs. He must pay a fee if he will subscribe to the private clinic's doctor. There will be two payment gateways for the farmers, bank transfer (Doctor will provide his bank information while creating his profile) and easy paisa. Doctors will provide their bank details for payments. He can also provide easy paisa account details. There will be images of influenced animals with basic diseases and their prescriptions. Based on recorded data, the system can perform an analysis that which disease attacks on pets mostly in a specific area.

USER

- Register
- Login
- Post Complaint
- My Complaint Status
- View Vetcure details
- View News
- View Doctor
- View Report
- Post Feedback
- Make Payment
- My Profile

Doctor

- Register
- Login
- View Complaint
- Post Solution
- Manage Cure
- Manage news
- View user Details
- View Payment Details
- Feedback Details

20. RentRide is a modern online platform designed for convenient vehicle rentals. The website allows users to browse a diverse fleet of vehicles, including cars, trucks, and SUVs, based on their needs and preferences. Key functionalities include user registration and login, a search feature with filters for vehicle type, rental duration, and location, and detailed vehicle descriptions with photos and pricing. Customers can book vehicles, manage their reservations, and view rental history through a personalized dashboard. The platform supports secure payment methods, provides real-time booking confirmations, and offers 24/7 customer support for any rental issues. RentRide aims to simplify the vehicle rental process, ensuring a seamless and efficient experience for users.Key Features

- Search Module
- Appointment Booking
- Check-in form Submitting
- Appointment management
- Schedule a timing

- Past appointment Management
- Review

s Admin

- Login
- Add Vehicle
- Manage Vehicle details
 - Type, Price, Etc
- Manage Booking details
 - Approve User Booking
- My profile User
 - Register
 - Login
 - Search Vehicle details
 - Select Vehicle & Make Booking
 - Name, Customer No, Address, Type
 - View Booking Status
 - My profile

21. Applicants can browse through the vacancy details that are posted and can apply for the jobs online. Director can browse through the posted resumes and select suitable candidates. Filter, Search facility for User according to their required vacancy. Daily updates via notifications and other communication media. Sending resume saves effort, time and cost of user All vacancies are available on a single interface user can set privacy level for different companies' user can save jobs according to their needs.

Admin

- Login
- Approve director
- View User
- View

Report Director

- Register
- Login
- Post Vacancy
 - Image, description, contact, etc
- View Vacancy
- View applied users
- Logou

t User

- Register
- Login
- Search vacancy
- Filter by location wise, category.
- Apply for vacancy
- Logout

22. Solid waste management can be broadly categorized as segregation, collection, and transportation. The server will collect the data and store them only a database. This data will be analyzed and displayed on two different dashboards that can be accessed by the workforce and clients. Using data analytics, reports will be generated which can be monitored by the admins through the admin dashboard. Based on the data collected, garbage trucks can be given routes generated through various algorithms and google maps API to efficiently route through all necessary garbage bins and finally reach the dumping site Effective usage of dustbins.

Administrator

- ☐ Login
- ☐ Create Garbage bin
- ☐ Update/Delete garbage bin
- ☐ Assign best route for drivers
- ☐ Manage driver
- ☐ View Garbage Report
- ☐ View complaints from public

General Public

- ☐ Register
- ☐ Login
- ☐ Register complaint
- ☐ My complaint & status

Driver

- ☐ Login
- ☐ Check daily work updates
- ☐ Choose best route
- ☐ Update garbage load

23. The blood management information system offers functionality to quick access to donor records collected from various parts of the country. It enables monitoring of the results and performance of the blood donation activity such that relevant and measurable objectives of the organization can be checked. It provides to management timely, confidential and secure medical reports that facilitates planning and decision making and hence improved medical service delivery. The reports generated by the system give answers to most of the challenges management faces as far as blood donor records are

concerned.

DONOR/USER

- Login
- Register
- Post Donar information
- My donar info
- Search donar details
- Search Blood bank details
- Logout

HOSPITAL

- Register
- Login
- Post Blood bank info
- Update blood group status
- View Blood bank details
- Logout

24. Wanderlust Travels is a comprehensive online travel agency platform designed to make trip planning and booking effortless. The website features a wide range of travel options, including flights, hotels, car rentals, and vacation packages. Key functionalities include user registration and login, a powerful search engine for finding travel deals, and detailed descriptions of destinations, accommodations, and itineraries. Customers can book and manage their travel arrangements, receive booking confirmations, and access travel guides and recommendations. The platform also offers secure payment options, customer support for pre- and post-booking queries, and personalized travel suggestions based on user preferences. Wanderlust Travels aims to provide a seamless, one-stop solution for all travel needs, ensuring an enjoyable and hassle-free experience. The system allows one to easily access the relevant information and make necessary travel arrangements. Users can decide about places they want to visit and make bookings online for travel and accommodation.

- User
- Admin

USER

- Register
- Login
- View Food Details
- View Hostel Details
- View Route Details
- My Book Accommodation

ADMIN

- Login
- Post Tourism Details
- Manage Food Details
- Manage Hotel Details
- Manage Route Details
- View Booking Details

25. On Road Vehicle Breakdown Assistance system can search for list of mechanics at any location or the nearby locations which will help them in an unexpected situation raised by the mechanical issues of their vehicles. Only the licensed mechanics can get listed here while the search. Road assistance for car and there is available mechanic who can come and repair the mechanical issues in the user's vehicle.

User modules:

- Register
- Login
- Search Mechanic Details
- View Google geo location
- Post feedback
- My profile

Admin modules:

- Provide Approval

Mechanic modules:

- Register
- Login
- Post Business
- Manage Business
- View feedback

26. This web site provides traffic police to create online FIR with the vehicle owner and vehicle photo as proof, user side receives the fir receipt with fine details. In this application, user can to see the penalty imposed on the owner of the vehicle. By doing this the tendency of getting away without being penalized will reduce and subsequently the traffic violation will be mitigated without industrious use of human resources. Traffic Squad: Penalty Collection & management-based web Application

User

- Register
- Login
- View Challan
- View Case Filed

Police

- Login
- Rules
- Create Case
 - Upload proof photo
- Manage
 - Live information of traffic report – New updates

- Google map traffic – Link

Admin

- Manage Police Login
- View Daily Report

27. The bus pass will differ for different types of users. In this bus pass, all the required details such as candidate's name, address, date of birth, mail id, name of the school, validity period, the amount paid (free for government school students) and photocopy of the candidate are provided. Instead of school details, working organization details will be provided in route bus pass. The renewal process can be done monthly as per user wish. Based on that renewal period amount will be deducted.

Admin:

- Login
 - Manage student & route pass
 - Manage conductor login
 - Approve bus pass
 - Generate QR Code
 - Create Bus details
 - Create Route Information
 - o From to , Time , Route Stopping

User:

- Register
- Login
- Add Money – eWallet
- Buy Bus eTicket
- Apply New bus pass
- Renewal bus pass
- Apply Student & Route pass
- Get QR Code for Bus pass
- Calculate expected time to reach

Conductor :

- o Login
 - o Scan QR
 - o Verify bus pass ID
 - o Verify Bus ticket
 - o Update bus location

28. ArtistryHub is a beautifully designed portfolio website dedicated to showcasing the work and achievements of renowned artist Emily Harris. The website serves as a digital tribute and a comprehensive resource for fans and admirers. Key components include a visually stunning homepage featuring a gallery of Emily's most notable artworks, a detailed biography section highlighting her career milestones and exhibitions, and an interactive portfolio where users can view high-resolution images and descriptions of her artworks. The site also includes a blog for updates on recent projects and upcoming events, a store for purchasing prints and merchandise, and a contact page for booking inquiries and fan messages. ArtistryHub aims to celebrate Emily's artistic journey and provide an engaging experience for her audience.

1. Homepage:

- Create an engaging homepage that introduces visitors to the artist and sets the tone for the website.
- Include an attractive banner image or artwork representative of the artist's work.

2. About the Artist:

- Develop a page that offers a detailed biography or profile of the artist, including background information, influences, and artistic journey.
- Include a high-quality photo or portrait of the artist.

3. Portfolio:

- Organize and present the artist's work, such as artworks, music albums, or written pieces.
- For visual artists, provide galleries with high-resolution images and descriptions of individual pieces.
- For musicians, feature audio clips or embed music players for sample tracks.
- For writers, display excerpts from books, articles, or poems.

4. Discography or Bibliography:

- Create a comprehensive list of the artist's works, including albums, songs, books, articles, or any other significant creations.
- Include publication or release dates and ISBN/UPC details, if applicable.

5. Media Gallery:

- Incorporate a media section with photos, videos, interviews, or media coverage related to the artist.
- If available, embed YouTube or Vimeo videos of live performances or interviews.

6. News and Updates (Optional):

- Include a section for the latest news, updates, or events related to the artist, with announcements of upcoming exhibitions, concerts, or book releases.

7. Interactive Features (Optional):

- Integrate social media feeds, allowing visitors to follow the artist's official profiles.
- Enable users to subscribe to newsletters for artist updates.

29. The layout of the event page will be simple. The header section will contain the names and images of the different speakers with links, the event venue, and the schedule. You must also include a section that describes the purpose of the event – what the event is for and which category of audience it aims to target. Section the page into smaller chunks to make it look neat. Choose the right font style, font color, and background color for individual sections on the page. Also, make sure to add a registration button so that interested people can register for the event.

30. The International Journal of Scientific and Social Excellence (IJSSE) has launched a professional and user-friendly website to facilitate its operations as a Scopus-indexed journal publisher. The website features an "About Journal" section detailing its mission, scope, and the significance of its print ISSN 2395-1443 and online ISSN 2395-1451. Key menus include "For Authors," where contributors can submit manuscripts, track submission status, and access guidelines; "For Reviewers," which provides tools for reviewing submissions and accessing reviewer resources; and "For Editors," offering a dashboard for managing submissions, coordinating peer reviews, and overseeing publication processes. The site also includes registration options for authors, reviewers, and editors, ensuring seamless communication and

workflow. The IJSSE website aims to support a streamlined submission and review process, enhancing the efficiency and transparency of academic publishing. 1) Home page

2) About Journal

3) Publication ethics

4) Editorial board

i) Editor registration

ii) Editor Login

iii) Editorial committee

iv) Editor responsibility

5) Reviewers

i) Reviewer registration

ii) Reviewers login

iii) List of reviewers for specific article.

6) Author

i) Author registration

ii) Author login

iii) List of papers under an author

iv) Author Instructions

v) Publication charge

vi) Article Template

vii) Copyrights form Template

viii) Author guidelines

7)Articles

i) Current issue

ii) Archive

iii) Most viewed articles

iv) Most cited articles

v) About to print articles

- 8) Call for paper
 - i) Submit Manuscript
 - ii) Indexed List
 - iii) Subscribe Newsletters
 - iv) View feedback
- 9) Contact Us.

31. Ko-Matha Dairy Farm, a pioneering smart dairy operation, has launched an innovative website to enhance customer engagement and streamline its services. The website showcases the farm's commitment to high-quality products sourced from Indian A1 cow holders, known for their superior milk. Key features include a "Products" section where customers can purchase fresh milk, curd, cova-sweet, butter, and ghee, with detailed descriptions and pricing. The "Farm" section provides insights into the farm's practices, the benefits of A1 cow milk, and the technology used to ensure quality. Additional menus include "Order Online" for convenient delivery scheduling, "About Us" for farm history and values, and "Contact" for customer inquiries and support. Ko-Matha Dairy Farm's website aims to connect customers with wholesome dairy products while promoting transparency and convenience. The website should contain home page, about us, contact us and so on with following data maintenance:

They are

- 1) The administrator detail
 - Registration form
 - Login form
- 2) Stock detail
 - Stock entry form
 - Daily report
 - Monthly report
 - Yearly report
- 3) Customer detail
 - Purchase detail
 - Customer online purchase order
- 4) Milk vender detail

Vendors information

Cow detail maintenance

32. Ram Infotech has launched a comprehensive website to cater to both laptop sales and service needs. The website features a user-friendly interface for browsing and purchasing a wide range of laptops, including detailed specifications, customer reviews, and competitive pricing. Key functionalities include an "Online Store" section for selecting and buying laptops, a "Service Center" section where customers can schedule repairs, track service status, and access troubleshooting guides. The site also includes an "About Us" page detailing the company's history and mission, a "Contact" page for customer support, and a "FAQ" section addressing common queries. Ram Infotech's website aims to provide a seamless experience for both acquiring and maintaining laptops, ensuring quality service and customer satisfaction.

- 1) Admin detail – Login, Registration form detail
- 2) Sales – Laptop detail, model, configuration
- 3) Services – Laptop services information
- 4) Customer information – Purchase / Services
- 5) Laptop rental agreement detail
- 6) Stock maintenance in the shop.

33. KodaikanalEats is a sleek online platform designed to simplify restaurant bookings in the picturesque town of Kodaikanal. The website features an extensive list of local dining options, including fine dining, casual eateries, and specialty restaurants. Key functionalities include a search and filter system to find restaurants based on cuisine, location, and ratings, as well as an easy-to-use booking system where users can reserve tables, select dining times, and view available slots. The site also provides detailed restaurant profiles with menus, photos, and customer reviews. Additional features include real-time booking confirmations, a "Special Offers" section for exclusive deals, and a "Contact Us" page for customer support and inquiries. KodaikanalEats

aims to enhance the dining experience by providing a convenient and efficient way to explore and book restaurants in Kodaikanal.

- 1) Admin detail – Login, Registration form detail
- 2) Suit detail and cost– single room, double rooms, deluxe rooms
- 3) Rooms availability detail
- 4) Online booking system detail- Seasonal / Non-seasonal
- 5) Room boys availability detail
- 6) Customer detail

34. LearnWell Tuition Centre has launched a dedicated website to streamline announcements and manage various aspects of its operations. The website features a central "Announcements" section where updates on class schedules, special events, and important notices are posted regularly. Key functionalities include a "Course Offerings" page detailing available subjects, schedules, and fees, and an "Online Registration" system for enrolling in classes and managing student profiles. There is also a "Maintenance Requests" section where students and parents can report issues or request assistance. The site includes an "About Us" page providing information about the centre's mission and teaching staff, and a "Contact" page for inquiries and support. LearnWell's website aims to keep the community informed and facilitate efficient management of tuition services.

- 1) Admin detail – Login, Registration form detail
- 2) Teachers detail – Login, Registration form detail
- 3) Students detail – Fees paid detail, Report- monthly and yearly, feedback report
- 4) Subjects detail – Duration, fees detail.
- 5) Online / Offline tuition availability.

35. The bus pass will differ for different types of users. In this bus pass, all the required details such as candidate's name, address, date of birth, mail id, name of the school, validity period, the amount paid (free for government school students) and photocopy of the candidate are provided. Instead of school details, working organization details will be provided in route bus pass. The renewal process can be done monthly as per user wish. Based on that renewal period amount will

be deducted.

1. Admin:

- Login
- Manage student & route pass
- Manage conductor login
- Approve bus pass
- Generate QR Code
- Create Bus details
- Create Route Information
 - o From to , Time , Route Stopping

2. User:

- Register
- Login
- Add Money – eWallet
- Buy Bus eTicket
- Apply New bus pass
- Renewal bus pass
- Apply Student & Route pass
- Get QR Code for Bus pass
- Calculate expected time to reach

3. Conductor :

- o Login o Scan QR
- o Verify bus pass ID
- o Verify Bus ticket
- o Update bus location

36. **EduConnect is an innovative online teaching platform designed to facilitate interactive and flexible learning experiences. The website offers a range of functionalities, including a "Course Catalog" where students can browse and enroll in various subjects and programs. Key features include live video classes, pre-recorded lectures, and downloadable study**

materials. The platform also includes interactive tools such as discussion forums, quizzes, and assignments to engage students. Teachers can create and manage courses, track student progress, and provide feedback through a dedicated instructor dashboard. Additional features include user registration and login, secure payment options for course fees, and a "Support" section for technical help and inquiries. EduConnect aims to provide a comprehensive and accessible learning environment for students and educators alike.

- i. Student Registration
- ii. Teacher Registration
- iii. Subject Allocation / Registration
- iv. Time Management

36. **"BookHaven"** is a sleek and user-friendly online bookstore designed to provide a comprehensive and enjoyable shopping experience for book lovers. The homepage features a visually appealing layout with curated book collections, bestsellers, and new arrivals. Key static pages include an "About Us" section that shares the bookstore's mission and values, a "Contact Us" page with customer service details, and a "FAQ" section addressing common inquiries about orders, shipping, and returns. The website also offers a detailed "Category" page where users can browse books by genre, author, or publication date. Each book listing provides a cover image, synopsis, customer reviews, and purchase options. The "Cart" and "Checkout" pages are designed for easy navigation, ensuring a smooth and secure purchasing process. Additionally, a "Blog" page shares book recommendations, reviews, and author interviews, enhancing the overall customer experience.

- 1. **Home Page:** Features a visually appealing layout with a carousel of bestsellers and new arrivals, search functionality, and highlighted categories like fiction, non-fiction, and academic books.
- 2. **About Us Page:** Provides an overview of BookHaven's mission, history, and values, introducing the team and detailing the store's commitment to quality and customer satisfaction.
- 3. **Catalog Page:** Showcases a well-organized listing of books with filters for genres, authors, and price ranges, allowing users to browse and discover titles easily.
- 4. **Contact Us Page:** Includes a contact form, email address, phone number, and physical store location (if applicable), enabling customers to get in touch with the bookstore for support or inquiries.
- 5. **FAQs Page:** Offers answers to common questions regarding shipping, returns, and account management, helping customers find information quickly.
- 6. **Privacy Policy Page:** Details the store's policies on data collection, usage, and protection, ensuring transparency and compliance with privacy regulations.

BookHaven aims to provide a seamless and engaging online shopping experience, with easy navigation and clear information for customers.

37. A professional creates **"MyProfessionalShowcase,"** a polished portfolio website to effectively present their skills, projects, and resume to potential employers and clients. The homepage

features a sleek design with a personal introduction and an overview of key strengths and expertise. Visitors can navigate through sections highlighting completed projects, each accompanied by detailed descriptions, images, and links to live demos or source code. The website also includes a dedicated resume page, offering a downloadable version and an interactive timeline of the professional's career milestones. Testimonials from clients or colleagues are showcased to build credibility, while a contact form allows potential employers or clients to easily reach out for inquiries or collaboration. Additionally, the website is optimized for mobile devices, ensuring a seamless user experience across all platforms.

Home Page: A dynamic introduction with a professional photo and a brief overview of my expertise, highlighting my key skills and career objectives.

1. **About Me Page:** An in-depth section detailing my background, education, and professional journey, including testimonials from previous clients or colleagues.
2. **Portfolio Page:** A gallery of my notable projects with descriptions, technologies used, and links to live demos or case studies, showcasing my work and capabilities.
3. **Resume Page:** A downloadable and interactive version of my resume, providing a comprehensive view of my work history, skills, and achievements.
4. **Blog Page:** A space for sharing insights, articles, or updates related to my field, demonstrating thought leadership and engagement with industry trends.
5. **Contact Page:** A contact form, email address, and links to professional social media profiles, making it easy for potential employers or clients to reach out.

MyProfessional Showcase aims to provide a comprehensive and engaging representation of my professional identity, offering valuable insights into my skills and experience.

38. Gourmet Haven is a sophisticated website designed to enhance the digital presence of a fictional fine dining restaurant. It features a striking home page with a rotating carousel of the restaurant's ambiance and signature dishes, an interactive menu showcasing detailed descriptions and pricing, and an easy-to-use reservation system for booking tables. The site includes an "About Us" page detailing the restaurant's history and culinary team, a gallery of high-resolution images capturing the dining experience, and a contact page with essential information and a contact form. Gourmet Haven aims to provide an engaging and user-friendly online experience, allowing potential customers to explore offerings, make reservations, and connect with the restaurant effortlessly

1.Homepage:

- Create an engaging and visually appealing homepage that reflects the restaurant's theme and atmosphere.
- Include high-quality images of the restaurant's interior, exterior, and signature dishes.
- Add a welcoming message or tagline to set the tone for the dining experience.

2.Menu Pages:

- Develop dedicated pages for the restaurant's menu items, organized by categories (appetizers, main courses, desserts, etc.).

- Include detailed descriptions of each dish, including ingredients and pricing.
- Integrate high-resolution images of the dishes to entice visitors.
- Implement navigation to easily switch between different menu categories.

3.Contact Information:

- Create a separate page for contact information, including the restaurant's physical address, phone number, and email address.
- Embed an interactive Google Maps widget displaying the restaurant's location.
- Include a contact form to allow customers to submit inquiries, reservations, or feedback.

4.Reservation System:

- If desired, implement an online reservation system that allows visitors to book a table.
- Include a calendar for selecting dates and times, along with the number of guests.

5.About Us Page:

- Develop a page that provides background information about the restaurant, such as its history, concept, and culinary philosophy.
- Include images of the chef and the kitchen staff, along with their brief bios.

6.Special Offers and Events:

- If applicable, create a section for special promotions, events, or seasonal menus.
- Include details of ongoing deals, happy hours, or upcoming celebrations.

7.Testimonials and Reviews:

- If available, showcase customer testimonials and reviews to build trust and credibility.
- Include snippets of feedback from satisfied patrons.

39. user visits an online store that features a clean and straightforward product catalog, allowing them to easily browse and purchase items. The homepage displays a selection of featured products along with categories for quick navigation. Each product listing includes a clear image, description, price, and available options such as size or color. Users can add items to their shopping cart with a single click and view their cart at any time to adjust quantities or remove items. The website also includes a search bar for finding specific products and a filter option to refine results by price, brand, or popularity. Once the user is ready to check out, they can proceed to a secure checkout page where they enter shipping and payment details. The website also provides an order summary and confirmation, with the option to track their order status through their account.

1.Homepage:

- Design a visually appealing homepage that introduces the online store and showcases

featured products.

- Include a search bar, navigation menu, and clear calls to action to encourage users to explore the product catalog.

2.Product Listings:

- Create individual pages for each product, complete with product descriptions, images, pricing, and availability status.
- Organize products into categories (e.g., electronics, clothing, accessories) for easy navigation.
- Implement filters or sorting options to allow users to refine their product search.

3.Shopping Cart:

- Develop a shopping cart system that allows users to add products, view the contents of their cart, and adjust quantities.
- Calculate and display the total price of items in the cart.
- Provide options to remove items from the cart and clear the cart entirely.

4.User Accounts (Optional):

- Create user accounts that enable users to save their shipping and billing information for future purchases.
- Allow registered users to view their order history and check the status of their orders.

5.Checkout Process:

- Design a simple and intuitive checkout process that collects necessary customer information.
- Include a secure payment gateway to process payments for purchased items.

6.Order Confirmation and Email Notifications:

- Send order confirmation emails to customers after they complete a purchase.
- Provide email notifications to users about the status of their orders, including shipping and delivery updates.

40. A travel enthusiast creates a travel blog website to document and share their adventures with a global audience. The homepage features an attractive layout with stunning travel photos and a map highlighting visited destinations. Each blog post offers an immersive experience, with detailed narratives, captivating images, and travel tips for various locations. Readers can easily navigate through categories such as destinations, travel guides, food experiences, and cultural insights. The website includes a comment section for readers to share their thoughts, ask questions, and connect with the blogger. An "About" page gives insights into the blogger's journey

and passion for travel, while a "Resources" section provides useful travel tools, packing lists, and booking recommendations. The platform also integrates social media sharing options, allowing readers to easily share posts and follow the blogger's adventures in real time.

1.Homepage:

- Create an inviting homepage that showcases recent or featured travel articles.
- Include a visually appealing header with a site logo and navigation menu for easy access to various sections.

2. Blog Articles:

- Develop individual blog articles that narrate your travel adventures.
- Each article should include text content, high-quality images, and possibly videos.
- Implement a clean and readable layout for articles, including headings, paragraphs, and captions.

3.Travel Destinations:

- Organize your blog posts by travel destinations or regions.
- Allow users to explore your articles by filtering them based on specific locations.

4.Interactive Map:

- Integrate an interactive map that displays markers for the locations you've visited.
- Clicking on a marker should lead users to the respective travel articles related to that location.

5.Photo Galleries:

- Create photo galleries within your articles to showcase your travel photos.
- Include features for users to view photos as slideshows or open them in larger formats.

6.User Comments and Engagement:

- Implement a comment section on each blog post, encouraging reader engagement and discussions.
- Enable social media sharing for each article to expand your blog's reach.

7.About the Traveler:

- Dedicate a page to introduce yourself, including your background, travel interests, and future plans.
- Include a photo and brief biography.

41. A user visits the digital recipe book platform to explore and share culinary creations. The homepage features a curated collection of popular recipes, categorized by cuisine, dietary preferences, and difficulty levels. Users can search for specific recipes or browse through themed collections. Each recipe page includes a detailed list of ingredients, step-by-step instructions, and high-quality visuals to guide the cooking process. Users can create personal accounts to save their favorite recipes, upload their own creations, and even customize the ingredients based on serving size or dietary needs. The platform also allows users to rate and comment on recipes, fostering a community of food enthusiasts. Additionally, a meal planner tool helps users organize their weekly menus, while an integrated shopping list feature makes it easy to gather the necessary ingredients.

1. User-Friendly Interface:

- Design a user-friendly and visually appealing interface that makes it easy for users to browse and search for recipes.
- Implement a clean and organized layout with intuitive navigation.

2. Recipe Listings:

- Create an extensive database of recipes, organized into categories or tags (e.g., breakfast, main course, desserts, vegetarian).
- Include a search bar for users to quickly find recipes based on keywords or ingredients.

3. Recipe Pages:

- Each recipe page should feature a high-quality image of the prepared dish.
- Include detailed cooking instructions, a list of ingredients, preparation time, and servings.
- Allow users to add their own reviews and ratings.

4. Cooking Instructions:

- Provide step-by-step cooking instructions, including specific measurements and techniques.
- Add tips, variations, and cooking notes for each recipe.

5. Ingredients List:

- Include a list of ingredients with their quantities and measurements, making it easy for users to create shopping lists.

6. Recipe Search and Filter:

- Implement advanced search and filtering options, enabling users to refine recipe searches by dietary restrictions, cooking time, or cuisine.

7. User Accounts (Optional):

- Allow users to create accounts, save their favorite recipes, and submit their own recipes.
- Implement features for users to customize serving sizes and generate ingredient lists accordingly.

8. Comments and Discussions:

- Integrate a comments section for users to leave feedback, ask questions, or share their cooking experiences.
- Encourage a sense of community and collaboration among users.

9. Print and Share:

- Enable users to print recipes in a formatted and printer-friendly layout.
- Include social media sharing options for users to share their favorite recipes with friends and family.

42. A customer visits the online electricity bill payment website to conveniently manage their electricity payments. After logging in, they are directed to the dashboard, where they can view their current bill amount, due date, and payment history. The customer enters their payment details, selects a preferred payment method (e.g., credit card, debit card, net banking, or digital

wallet), and confirms the transaction. Upon successful payment, a receipt is generated, which can be downloaded or emailed. The website also offers options for setting up automatic payments and sending bill reminders via SMS or email.

ADMIN

- Login page
- Updating the formula for the calculation of bill for each customer with respect to the given constraints,
- If the type of the EB connection is domestic, Calculate the amount to be paid as follows
 - First 100 units – Rs. 1 per unit
 - 101-200 units – Rs. 2.50 per unit
 - 201-500 Its – Rs. 4 per unit
 - 501 units – Rs. 6 per unit
- If the type of the EB connection is commercial, Calculate the amount to be paid as follows
 - First 100 units – Rs. 2 per unit
 - 101-200 units – Rs. 4.50 per unit
 - 201-500 its – Rs. 6 per unit
 - 501 units – Rs. 7 Per unit
- Page updated every two months (Duration by start and end date), last date of payment
- Fine amount calculation (each date after the last date Rs.10 will be added as fine.

CUSTOMER

- Registration Page
- Login Page
- Bill payment by any one payment method

43. A student logs into the online placement examination website using their credentials. They are guided to an examination dashboard where they can start their placement test at the scheduled

time. After completing the test, the system automatically evaluates the answers and generates a score. Once the results are processed, the website displays a list of students who have passed the exam, along with their scores and rankings. Students can also view detailed feedback on their performance and download their scorecards. The website ensures secure access to results and provides an option to apply for re-evaluation if needed.

ADMIN

- Login
- Providing Login rights to Candidate for attending exam
- Scheduling the Exam
- Loading the question
- Publishing the Result

CANDIDATE

- Login
- Attempt the exam by choosing allotted schedule
- Seeing the Result

44. An admin logs into the website's backend to upload a new painting for display on the rating and review webpage. Once uploaded, the painting is visible to customers, who can view it and submit their ratings. The rating system allows users to provide a score (e.g., 1 to 5 stars) and leave written feedback. As customers submit their reviews, the webpage dynamically displays the average rating along with a summary of positive and negative comments. The admin can monitor the feedback, respond to reviews, and analyze customer sentiments to make informed decisions about future displays or sale

ADMIN

- Login
- Loading and Collecting reviews of both positive and negative about the Painting
- Updating the webpage by new painting based on schedules
- Before updating the new painting show the positive and negative reviews of the previous painting
- Login and Registration for owner of the painting

- Collecting money based on the number of days the painting will be available (Package) for customers review
- Mode of Transaction
- Customer Login through Social media or mail id authentication

OWNER

- Registration includes submitting painting and choosing package and completion of payment
- Login
- Seeing their painting reviews

CUSTOMER

- Authenticated Login
- Submitting reviews about the painting

45. An employee visits the income tax calculation webpage, where they are prompted to enter their financial details, such as annual salary, bonuses, and other taxable income. The webpage also allows the employee to input deductions and exemptions, such as insurance premiums or retirement contributions. After submitting the information, the system calculates the applicable income tax based on the latest tax slabs and displays a detailed breakdown, including total tax liability, net income after tax, and any tax-saving tips. The employee can then download a summary report for their records or use the data for filing their tax returns.

ADMIN

- Login
- Update the fields required for collecting input from employee
- Modify the input value taken for the calculation based on government norms, Now your page can take the norms as follows,

Net Taxable Income = (Gross pay * 12) - (House Rent Allowance * 12) -

(Standard Deduction = 50,000) - {(Pension * 12 Maximum

detection of this category is 150,000} - (Health

Insurance * 12

if net taxable is below 500,000/- tax is Nil. if it exceeds condition then Tax

calculation

slab rate given below is to be followed.

0 to 250,000 tax=0,

250,001 to 500,000 tax= 5% (net taxable income – 250,000)

500,001 to 1000,000 tax= 12, 500 + 20% (net taxable income – 500,000)

if the income > 10,00,000, tax= 112,500 + 30% (net taxable income – 10,00,000).

EMPLOYEE

- Login by any of the existing authenticated credentials (like social media login or gmail login)
- Calculating Tax page

46. A customer accesses the online phone bill payment website to manage their monthly phone bill payments. Upon logging in, the customer is directed to their account dashboard, where they can view their current bill details, including the due date, outstanding amount, and any previous payments. The customer can choose to pay the entire bill or a custom amount, selecting from various payment options such as credit/debit cards, net banking, or mobile wallets. After entering their payment information, they confirm the transaction, and the system processes the payment securely. Upon successful completion, a confirmation message is displayed, and a receipt is emailed to the customer. The website also offers features like setting up recurring payments, viewing detailed billing history, and enabling notifications for upcoming due dates.

ADMIN

- Login page
 - Page updated every month (Duration by start and end date), last date of payment
- Fine amount calculation (each date after the last date Rs.10 will be added as fine)

CUSTOMER

- Registration Page
- Login Page

- Bill payment by any one payment method