

Dr. A.P.J. Abdul Kalam Technical University

Arena Driving School Portal

By

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Under the Guidance of :

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PRECURSOR INFO SOLUTION

Internal Guide:

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HOD-IT

Submitted for

A report submitted in partial fulfillment of the requirements for the Award of Degree of

MASTER OF COMPUTER APPLICATION (MCA)

Session: 2022-2024



**DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
LUCKNOW**

CERTIFICATE



Date: 10/06/2024

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Pragyan Raj** MCA Final Semester student of **International Institute for Special Education**, affiliated to **Dr. A.P.J. Abdul Kalam Technical University, Lucknow** has successfully completed the project titled "**Driving School Arena**" as part of his Project Training in our company. He has completed the project using **Java EE Platform and MySQL database** from 02nd April 2024 to 05th June 2024.

We wish him all the best for a bright future.

For Precursor Info Solutions Pvt. Ltd.

A handwritten signature in blue ink, appearing to read 'Swasti'.

Dr. Swasti Agrawal
Director

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DECLARATION

This is to certify that Report entitled”.....**Arena Driving School Portal**.....” which is submitted by me in partial fulfillment of the requirement for the award of Master of Computer Application to International Institute for Special Education , affiliated to Dr. A.P.J Abdul Kalam Technical University, Lucknow comprises only my own work and due acknowledgement has been made in the text to all other material used.

Date:

11/06/2024

Name of Student

Pragyan Raj

ACKNOWLEDGEMENT

It is our great pleasure and privilege to regard our sincere and heartiest thanks to **Mr. Naveen Upreti Sir** whose real guidance and encouragement made us able to complete the project work. They not only supervised our work but also extended their full co-operation for the successful completion of this project with their experience and knowledge they helped boost our moral during the course of the project.

I would like to express my immense gratitude towards our honourable faculty members, computer applications, IISE, Lucknow. I am highly indebted to her for encouraging, motivating and in valuable support in bringing the work to this shape, without which this project indeed would have been a difficult task.

We are immensely thankful and grateful to other staff members of **IISE, Lucknow** for his/her in valuable support, guidance and encouragement. His immense faith and moral boosting nature gave us the courage to finish the project within the specified period of time.

I would like to express my regards to faculty members of MCA department, IISE, Lucknow for their constant encouragement and support throughout the project work.

Thank you to all.

By:

Pragyan Raj

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Project Title

Web Development Project

Arena Driving School Portal

INTRODUCTION

Learning driving becomes the need of the hour. It is as essential in this helter-skelter life. For going college/office or for personal work vehicle is necessary. Everybody having a vehicle must know how to drive it safely to reach the desired destination. For learning driving earlier people used to learn it by friends or family members but now a day's everyone is busy in their own work. Then driving schools came into existence where people used to go to learn driving for two wheelers and four wheelers. For getting online details of the school online and their instructors fees, facilities etc. this portal comes into existence

Moreover, driving schools in India help learners develop their confidence and experience behind the wheel. This is particularly important for new drivers who may feel intimidated by the traffic and road conditions in India. Professional driving instructors provide positive feedback, encouragement, and guidance, helping learners become more comfortable and confident while driving.

OBJECTIVE

The primary objective is to create a website that enhances the school's online presence, streamlines administrative tasks, and provides a better user experience for current and prospective students. The website should serve as a central hub for information, registration, communication, and marketing.

Key Problems

- **Limited Online Presence:**

The driving school lacks a digital footprint, making it difficult for potential students to find information and register for classes online.

- **Inefficient Registration Process:**

The current registration process is manual and requires students to call or visit in person, leading to inefficiencies and potential loss of prospective students.

- **Information Dissemination:**

Students have difficulty accessing up-to-date information about courses, schedules, pricing, and requirements, as this information is not readily available online.

- **Customer Engagement and Support:**

There is no efficient system for answering common queries, providing support, or engaging with students outside of business hours.

- **Marketing and Promotion:**

The school lacks a platform to effectively market its services, showcase success stories, and reach a wider audience through digital marketing strategies.

Proposed System:

Knowing how to drive is extremely important these days. As driving is a complex skill, it requires proper training. In order to undergo proper training, one should consider enrolling at a professional driving school to equip themselves with the right skills and knowledge. Help you get acquainted with the basics of learning how to drive a vehical. And also helps in mastering driving skills with the help of an organized course structure and expert trainers. One can learn how to drive a car and become a skilled and responsible driver with the help of meticulously designed courses and expert trainers. Make your learning experience, a fun and engaging one, and gain all the skills you need to drive better.

The main objective of this portal is as follows:

- This Driving school web application will show the details of the school with all training schedules and the instructor details along with all facilities available.
- To get admission and communication, the user has to register on the portal and can avail of all the services offered by that school.
- A structured learning environment that is tailored to the needs of the learner.
- Users can give feedback and ratings for the experts that will be displayed on the portal.
- Query and doubts will also be solved by experts. An expert can be searched by the user.

FEASIBILITY STUDY

- The feasibility study helps to narrow the scope of the project to identify the best scenario(s). It will help in enhancing the probability of success by addressing and mitigating factors early on that could affect the project.
- Provides quality information for decision-making and also provides documentation that the project requires.

- ▶ **Technical Feasibility:** In Technical Feasibility current resources both hardware software along required technology are analyzed/assessed to develop the project. This technical feasibility study reports whether there are correct required resources and technologies that will be used for project development.
- ▶ **Operational Feasibility:** In Operational Feasibility degree of providing service to requirements is analyzed along with how easy the product will be to operate and maintain after deployment.
- ▶ **Legal Feasibility:** it can be said that a Legal Feasibility Study is a study to know if the proposed project conforms to legal and ethical requirements.
- ▶ **Scheduling Feasibility:** In the Schedule Feasibility Study mainly timelines/deadlines are analyzed for the proposed project which includes how many times teams will take to complete a final project.
- ▶ **Economical Feasibility:** In the Economic Feasibility study cost and benefit of the project are analyzed.

SOFTWARE AND HARDWARE REQUIREMENT

Tools and Platform

1. Web Platform:

Web-based software is software you use over the internet with a web browser. You don't have to install anything, download any software, or worry about upgrades. If you use an online bank or web-based email program like Gmail, Hotmail, or Yahoo Mail, you're already using web-based software.

- ***HTML (Hypertext Markup Language):*** HTML is the standard markup language used to create web pages. It provides the structure and content of web pages using a system of tags and attributes to define elements such as headings, paragraphs, images, links, and forms.
- ***CSS (Cascading Style Sheets):*** CSS is a style sheet language used for describing the presentation and formatting of HTML documents. It allows web developers to control the appearance of web pages by specifying styles for elements such as fonts, colors, layout, and spacing.
- ***JavaScript:*** JavaScript is a high-level programming language commonly used for adding interactivity and dynamic behavior to web pages. It runs on the client-side within web browsers and enables developers to create features such as animations, form validation, interactive maps, and responsive user interfaces.
- ***Bootstrap:*** Bootstrap is a popular front-end framework for building responsive and mobile-first websites and web applications. It provides a collection of pre-designed templates, components, and CSS classes that help developers create visually appealing and consistent user interfaces with minimal effort.

- **JSP (Java Server Pages):** JSP is a technology used to create dynamic web pages in Java. It allows developers to embed Java code within HTML pages, enabling the creation of dynamic content and interactions. JSP pages are compiled into servlets and executed on the server-side.

2. Java EE:

Java Platform, Enterprise Edition (Java EE) is the standard in community-driven enterprise software. Java EE is developed using the Java Community Process, with contributions from industry experts, commercial and open source organizations, Java User Groups, and countless individuals. Each release integrates new features that align with industry needs, improves application portability, and increases developer productivity.

3. MySQL:

MySQL is the most popular Open Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications.

4. Apache Tomcat Server:

The Apache Tomcat® software is an open-source implementation of the Java Servlet, JavaServer Pages, Java Expression Language, and Java WebSocket technologies. The Java Servlet, JavaServer Pages, Java Expression Language, and Java WebSocket specifications are developed under the Java Community Process. Apache Tomcat is a Java Servlet container, or web container, that provides the extended functionality to interact with Java Servlets.

SOFTWARE REQUIREMENT SPECIFICATION (SRS)

1.Purpose:-

- This Driving school web application will show the details of the school with all training schedules and the instructor details along with all facilities available.
- To get admission and communication, the user has to register on the portal and can avail of all the services offered by that school.
- A structured learning environment that is tailored to the needs of the learner.
- Users can give feedback and ratings for the experts that will be displayed on the portal.
- Query and doubts will also be solved by experts. An expert can be searched by the user.

2.Document Convention:-

- The Project Report should be typed in 1.5 spacing using Times New Roman with 12-font size.

3.Intended Audience and Reading Suggestion:-

This document is intended for users, who want to learn driving from qualified trainers as the focus is on teaching driving on both theoretical and practical fronts with the help of our Training Experts and cutting-edge Driving Simulators. User can track their performance based on trainers' assessments.

4.Project Scope:-

- ▶ Quick and easy search for training school details
- ▶ Large platform for training school for promotion
- ▶ Online admission
- ▶ Instructor of user's choice, based on ratings

Functional Requirements:-

MODULES

Modules Description: -

- **Login:** All types of Users will do login to their respective panels.
- **Profile Management:** All types of users can view/update their profile
- **Feedback and Rating:** User can give their feedback and rating for instructor
- **Online Admission:** online admission is managed by the school admin and admission is taken by student.
- **Program Management:** Admin will create/edit/delete different programs that are running in the training school.
- **Administration:** School admin will create the account of trainee and instructor. Admin can view the details of any type of users and can perform all authentic tasks.
- **Ride Log Management:** Ride logs will be managed by instructor.
- **Trainee Assignment:** Admin will assign trainees to instructor.
- **Query and Doubt:** Query will be asked by user and answered by respective personal
- **Performance Tracking:** Trainees will be able to see their performance by doing login.

Non-Functional Requirements:-

- ▶ Only registered users can log in and perform their tasks.
- ▶ Better component design to get better performance at peak time
- ▶ Flexible service-based architecture will be highly desirable for future extension.

Output Requirements:-

- ▶ All the information generated by the application is presented on the JSP pages when needed.
- ▶ The output screens are designed using JSP technology to show the information in attractive manner.
- ▶ The output requirements are fulfilled by web-pages to show the output in attractive style.
- ▶

Other Non-Functional Requirements:-

1. Performance Requirements:

Performance depends on network connection and its speed. High congestion on internet network will automatically decrease server response capability. In this case our website can take much to open. Otherwise, there are no internal complexities in this website.

2. Safety Requirements:

Since this product is based on Agile model and SDLC it is not so much costly. There only need to make little changes if customer asks any change to be made as whole product is already been made in first cycle of development.

3. Security Requirements:

Administrator internal management adds reliability to it. Because of secure management and login by administrator at different URL also ensures its reliability.

4. Scalability Requirements:

- ▶ Can be used for further services expansion as required by the current times.
- ▶ More than one admin can be added.

5. Software quality Attribute:

- **Maintainability-** Portal can be maintained according to future scope with a minimal loss.

- **Portability**- Consultancy Portalis portable and is easily compatible with operating system and Internet Explorer, Opera , Mozilla Firefox .
 - ✓ The system shall be extremely portable via the USB drive.
 - ✓ The system shall be easy to migrate or backed up via another USB drive.
- **Reliability**- Since we use MySQL as back end which after un-installation maintains records. It also adds up a feature of reliability in it.
- **Reusability**-It can be reused in different application and added as a sub module.
- **Robustness**- The usage of Java as an advanced programming language ensures itself its robustness. Also as a developer site admin is responsible for ensuring its robustness and security.
- **Testability**-We can impose Unit as well as integration testing. Moreover, Regression testing also can be applied easily after making changes.

The system should be able to run under debug mode.

 - ✓ The system should be able to run test shipping orders.
 - ✓ The system should be able to create a test environment of the order system.
- **Usability**-It has user friendly interface making it's usage a very easygoing process. It is well-suited for registered as well as unregistered users.
 - ✓ The system shall be easy to use
 - ✓ The system shall be easy to learn
 - ✓ The system shall user easy to locate buttons
 - ✓ The system shall prompt customers with friends with easy-to-read error messages.
- **Flexibility**- Its future scope adds flexibility to it. More than one admin can be added.
- **Interoperability**-Among different modules, there is good compatibility and communication. Data flow through different interfaces is also maintained.

6. Product Features:-

- ▶ A secure registration and efficient registration allows users to get the pre-existed login ID and username, to remove redundancy and maintain uniqueness. It also ensures the Integrity of the database.
- ▶ End users should get relevant tips online.
- ▶ End users should be able to ask queries.

7. User Classes and Characteristics:-

We can divide the whole system into the following users-

- ▶ **Admin:** Admin will handle the whole portal. All types of verification, and account management will be done by the admin
- ▶ **Instructor:** The instructor will get register, and manage their details from his/her panel.
- ▶ **Trainee:** The user can enroll in different courses according to his/her needs.

8. Assumption and Dependencies:-

The proposed solution will be designed to work in an internet environment. The target environment may consist of wired and wireless links.

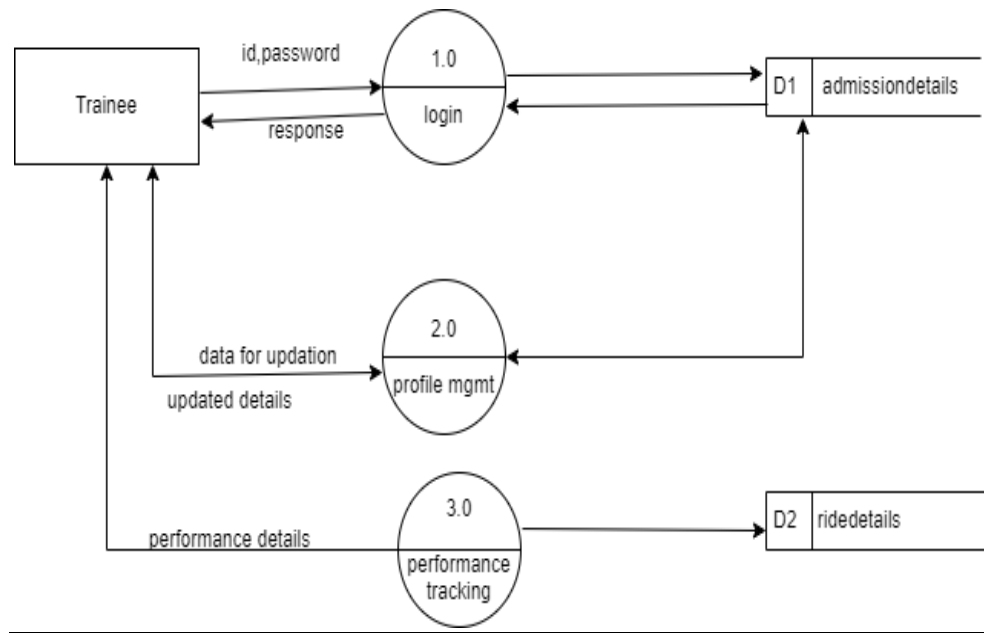
Data Flow Diagram (DFD)

A data flow diagram (DFD) maps out the flow of information for any process or 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.

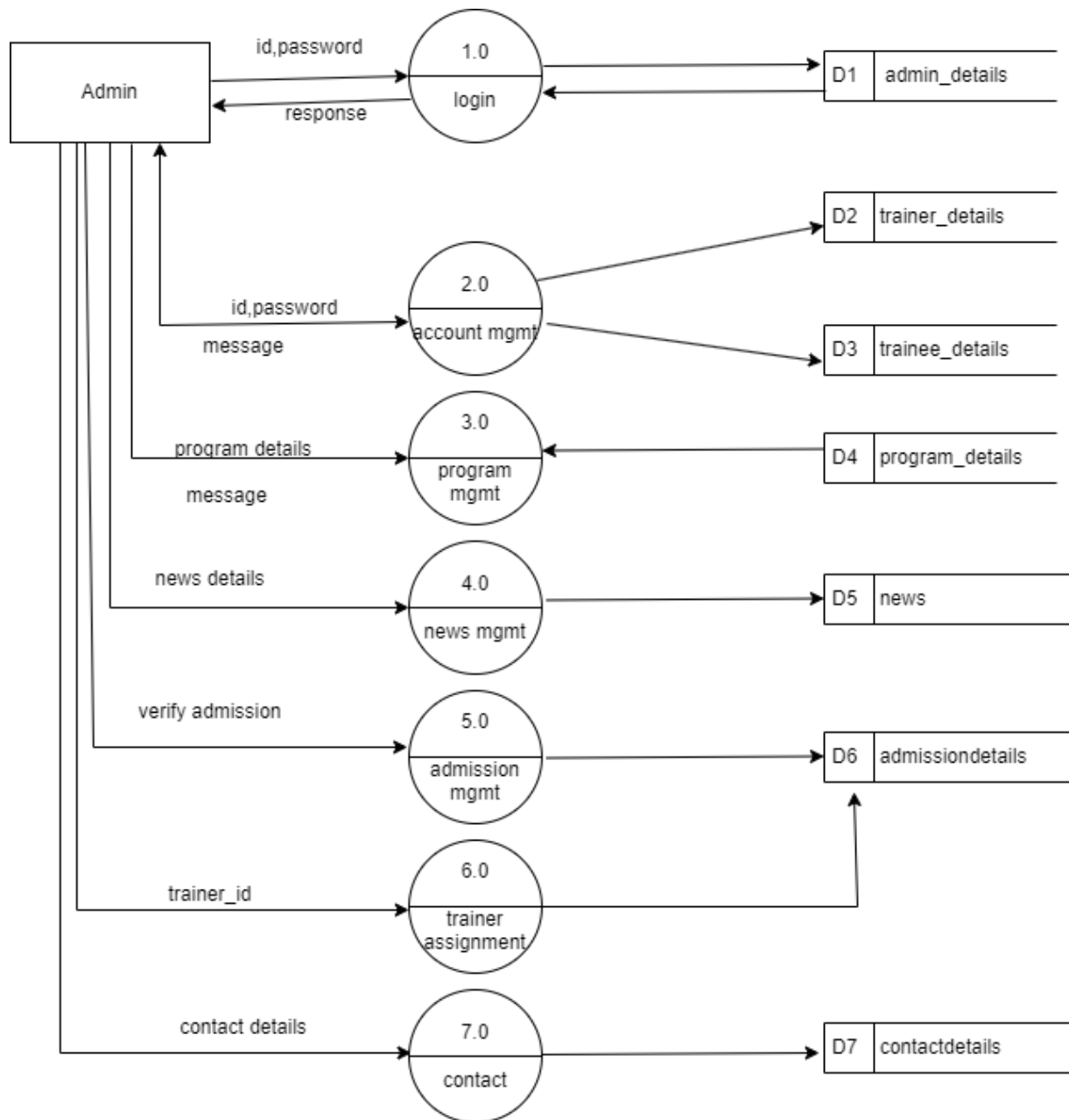
DFD rules and tips

- Each process should have at least one input and an output.
- Each data store should have at least one data flow in and one data flow out.
- Data stored in a system must go through a process.
- All processes in a DFD go to another process or a data store.

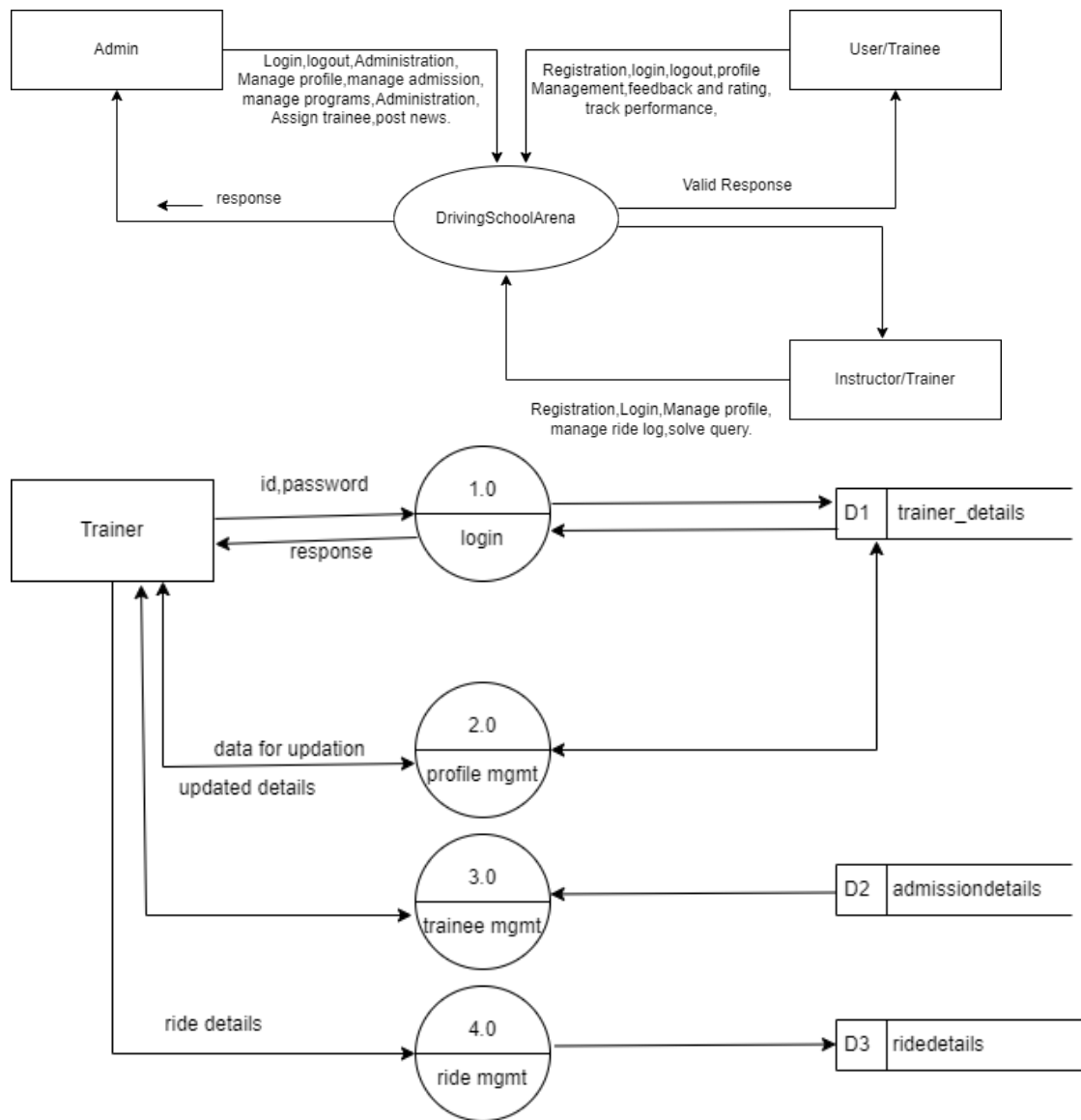
1.Zero level



2. First level DFD

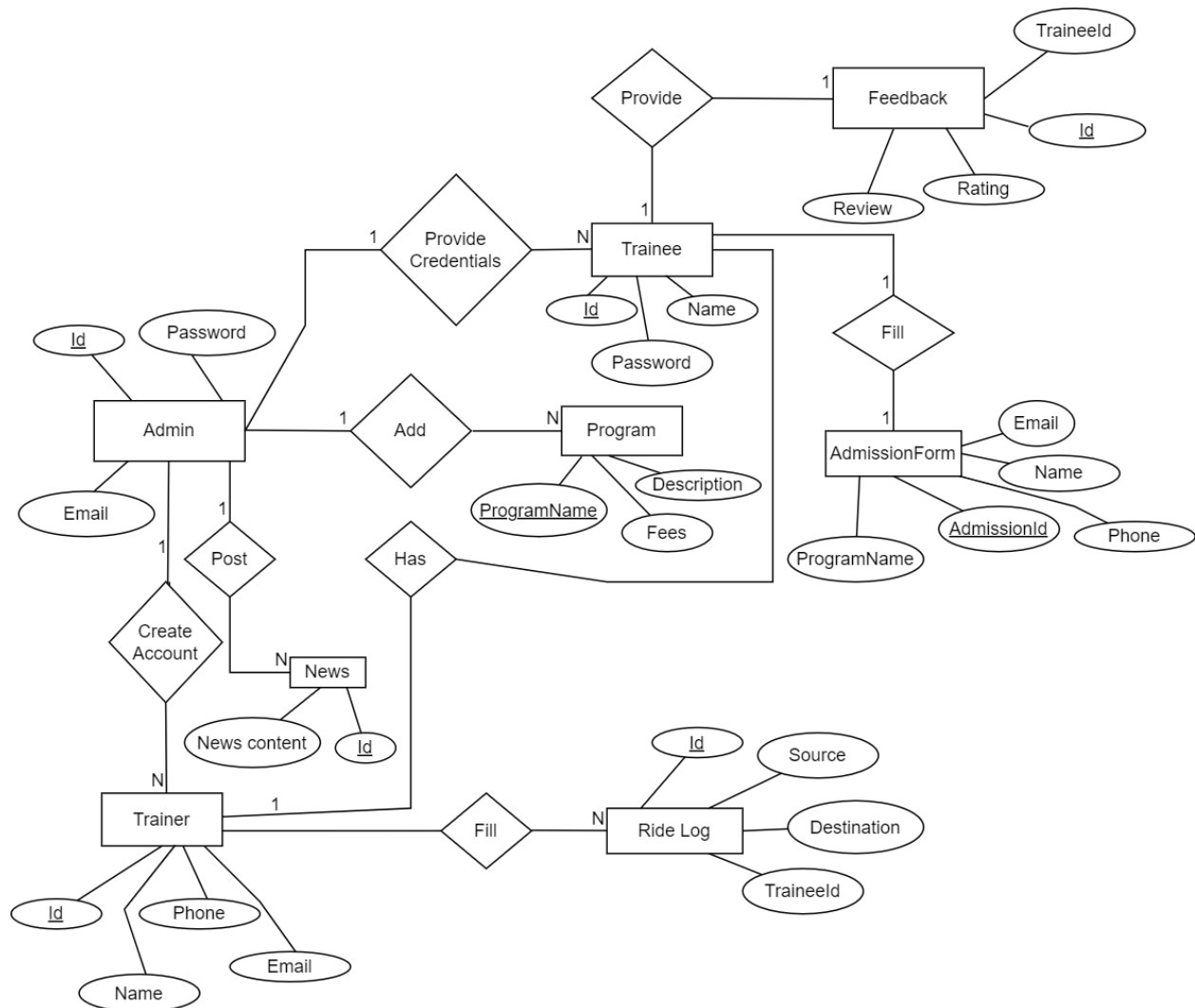


3. Second Level DFD



ER-Diagram

ER diagram can illustrate the logical structure of databases. ER diagrams use symbols to represent entities, attributes, and relationships, which help to illustrate the relationships between the entities in the database. Entities are depicted as rectangles, and relationships are shown as diamonds. Lines connecting entities and relationships represent the connections between them, often indicating the type of relationship (such as one-to-one, one-to-many, or many-to-many).

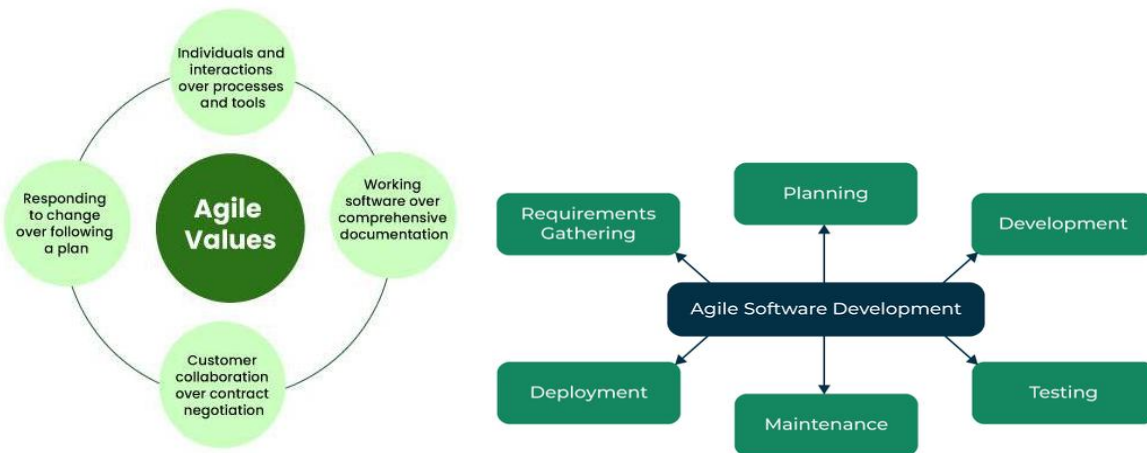


SYSTEM DESIGN

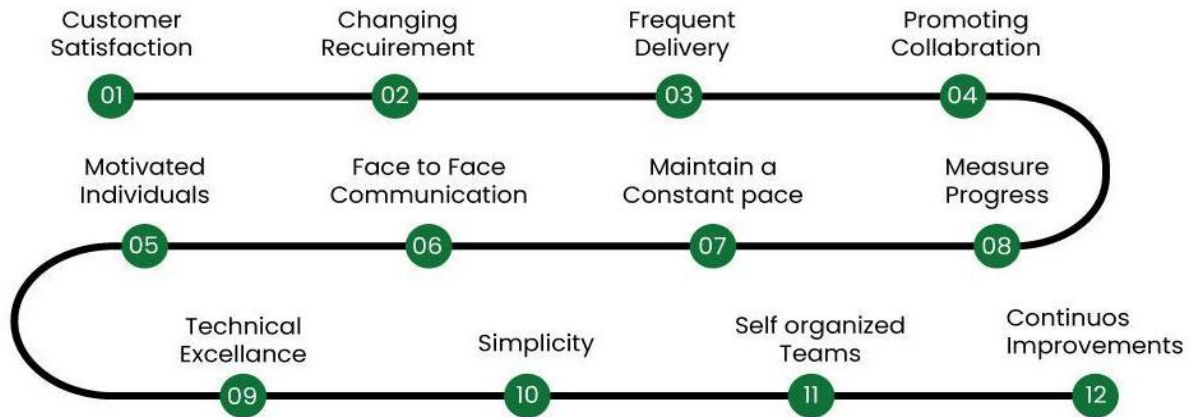
1. Software Process Model :-

Agile Development Model:-

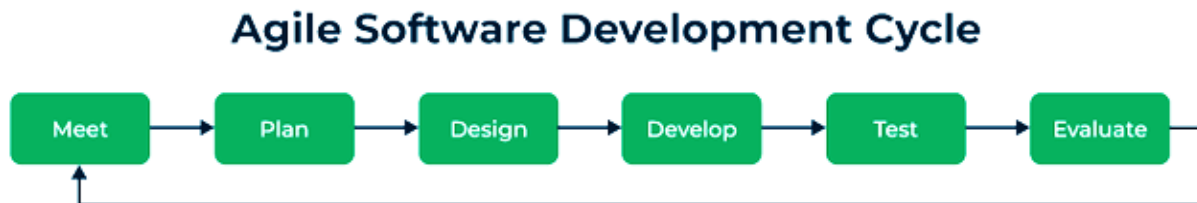
Agile is a type of software development methodology that anticipates the need for flexibility and applies a level of pragmatism to the delivery of the finished product. Agile software development requires a cultural shift in many companies because it focuses on the clean delivery of individual pieces or parts of the software and not on the entire application.



Principles of Agile



Agile software development cycle



2. System Designing Approaches:-

a. Top-Down Designing:-

The top-down approach to software development involves breaking down a large, complex problem or system into smaller, more manageable pieces and then working on each piece individually. This approach is often used to develop software systems because it allows developers to focus on one part of the system at a time, which can make the development process more organized and efficient.

Define the overall system requirements:

The first step is to define the overall goals and objectives of the system, as well as any specific requirements or constraints.

Break down the system into smaller components:

Next, the system is broken down into smaller, more manageable components or modules.

Develop each component individually:

Once the system has been divided into smaller components, each component can be developed individually.

Test and debug each component:

As each component is developed, it is important to test and debug it to ensure that it is working properly.

Integrate the components:

After each component has been developed and tested individually, they can be integrated into the larger system.

Test the entire system:

Once all of the components have been integrated, the entire system can be tested to ensure that it is functioning as intended.

Maintain and update the system:

After the system has been implemented, it will need to be maintained and updated on an ongoing basis to fix any bugs or to add new features.

b. Bottom-Up Designing:-

In a bottom-up approach, a system is designed or analysed by starting with its individual components and then combining them to create a larger system. This approach is often used in fields such as computer science and engineering, where a system is broken down into smaller parts that can be more easily understood and managed.

Designing and implementing low-level components:

The first step in the bottom-up approach is to design and implement the lowest-level components of the system, such as functions or routines. These components are typically simple and focused on a specific task.

Data Base Design

Add Program

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
pname	VARCHAR(50)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
fees	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
discription	VARCHAR(255)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Admin Program

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
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password	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
email	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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Contact Us

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
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name	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
email	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phone_no	VARCHAR(10)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
query	VARCHAR(256)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
date	DATE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Feedback

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review	VARCHAR(255)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
rating	VARCHAR(256)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

News Announcement

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
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date	DATE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Ride log

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
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trainee_id	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
source	VARCHAR(255)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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devices	VARCHAR(255)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
vehicle	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
date	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Trainee Admission

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
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email	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
address	VARCHAR(255)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
age	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
program	VARCHAR(100)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
gender	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
date	DATE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phoneno	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
id	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

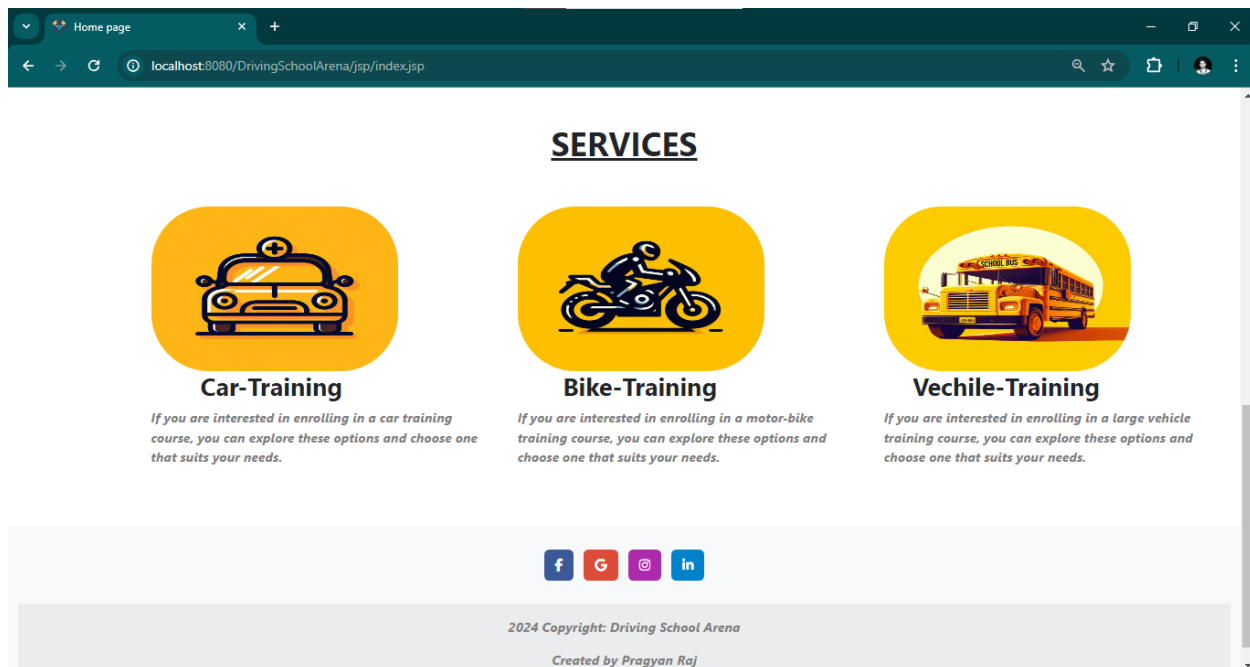
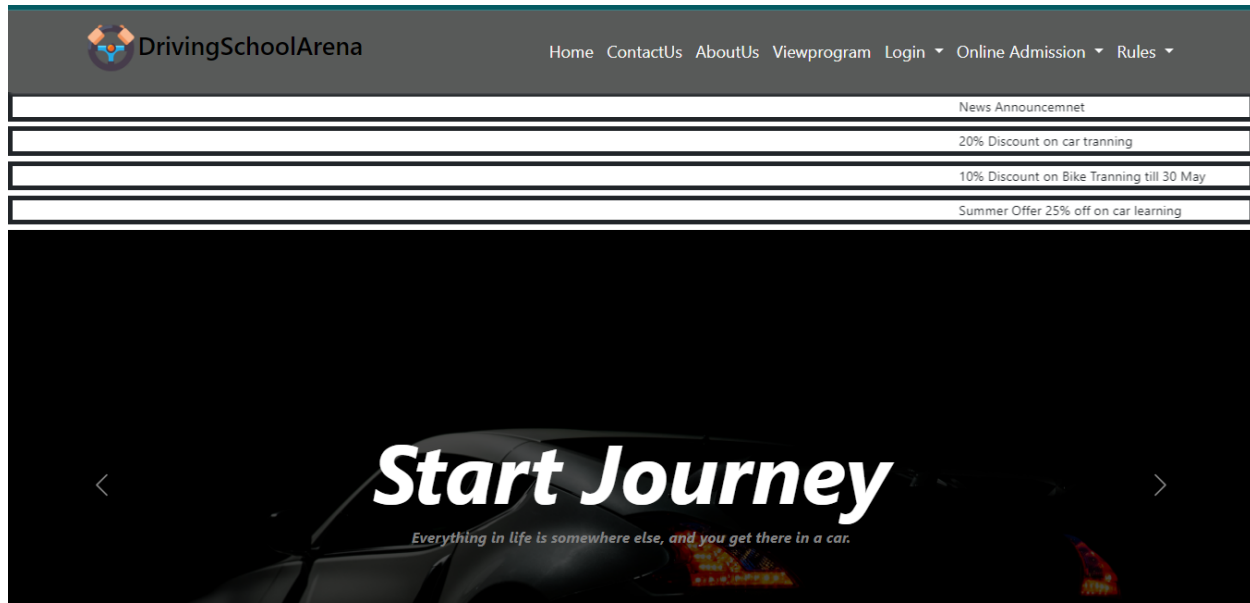
phoneno	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
id	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
password	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
fees	INT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
status	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
trainerid	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

Trainer Registration

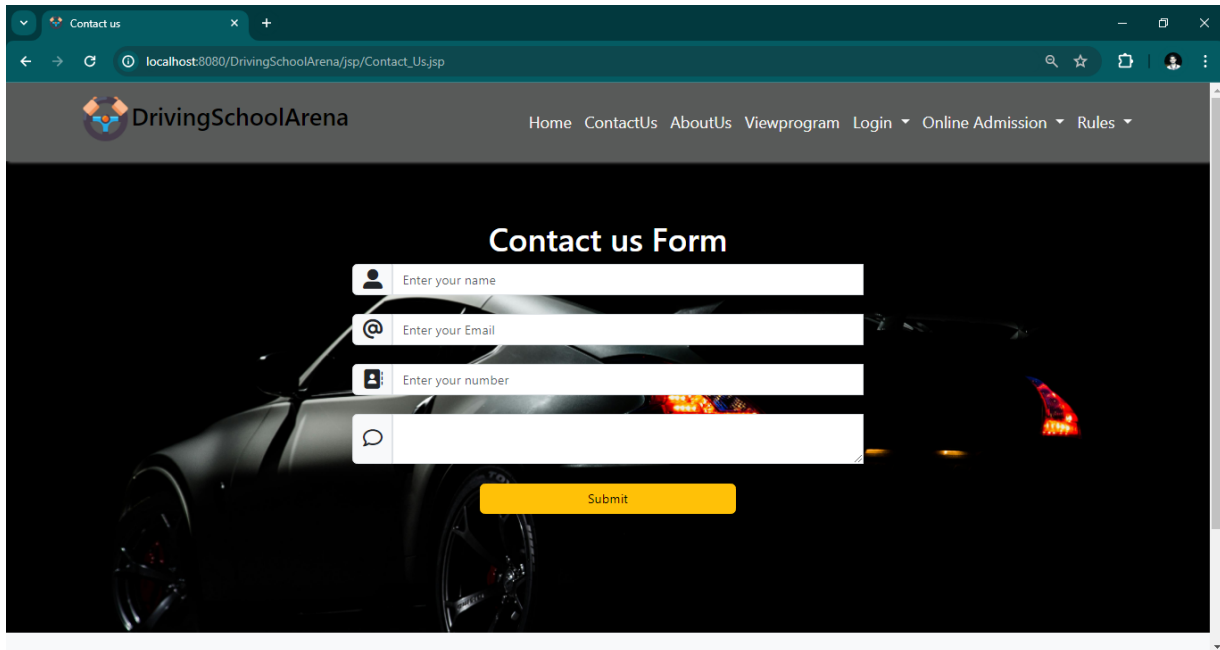
Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
userid	VARCHAR(50)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
password	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
name	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
email	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phone	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
experince	VARCHAR(100)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
discription	VARCHAR(100)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
address	VARCHAR(252)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SCREEN SHOTS

Welcome Page



Contact Us

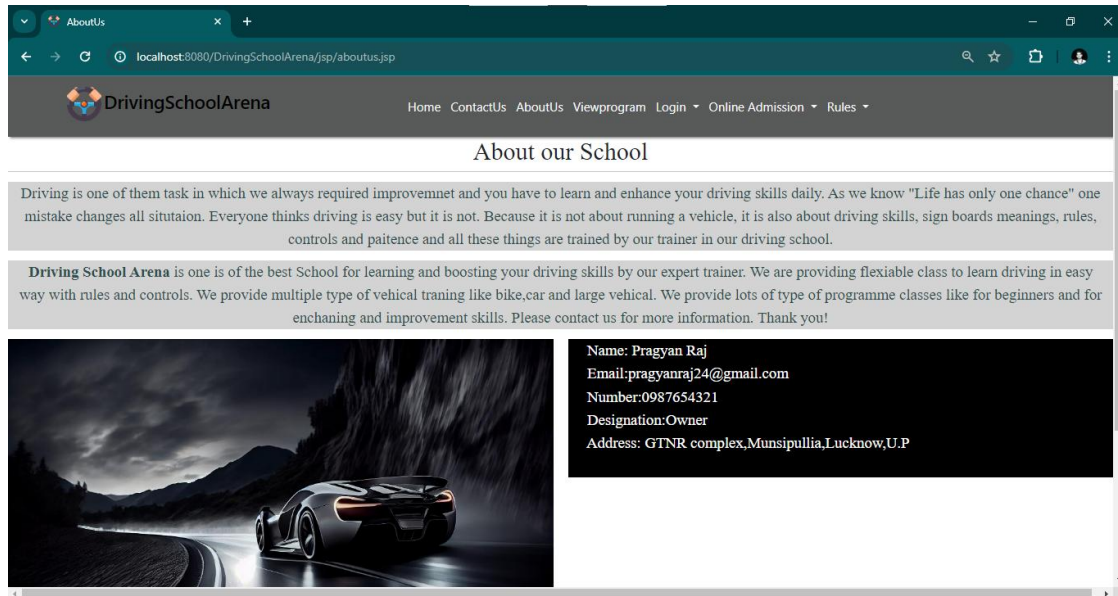


The screenshot displays a web browser window with the address bar showing 'localhost:8080/DrivingSchoolArena/jsp/Contact_Us.jsp'. The website header features the 'DrivingSchoolArena' logo and a navigation menu with links: Home, ContactUs, AboutUs, Viewprogram, Login, Online Admission, and Rules. The main content area is titled 'Contact us Form' and contains a contact form with the following elements:

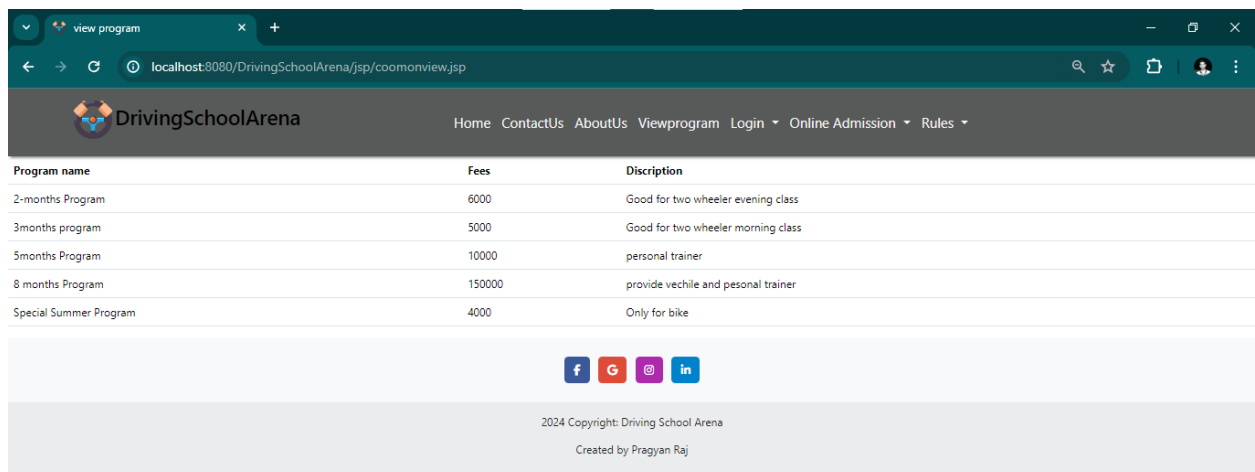
- A name input field with a person icon and the placeholder text 'Enter your name'.
- An email input field with an '@' icon and the placeholder text 'Enter your Email'.
- A number input field with a phone icon and the placeholder text 'Enter your number'.
- A text area with a speech bubble icon.
- A yellow 'Submit' button.

The background of the form is a dark image of a sports car.

About Us



View Programs



Trainee Registration

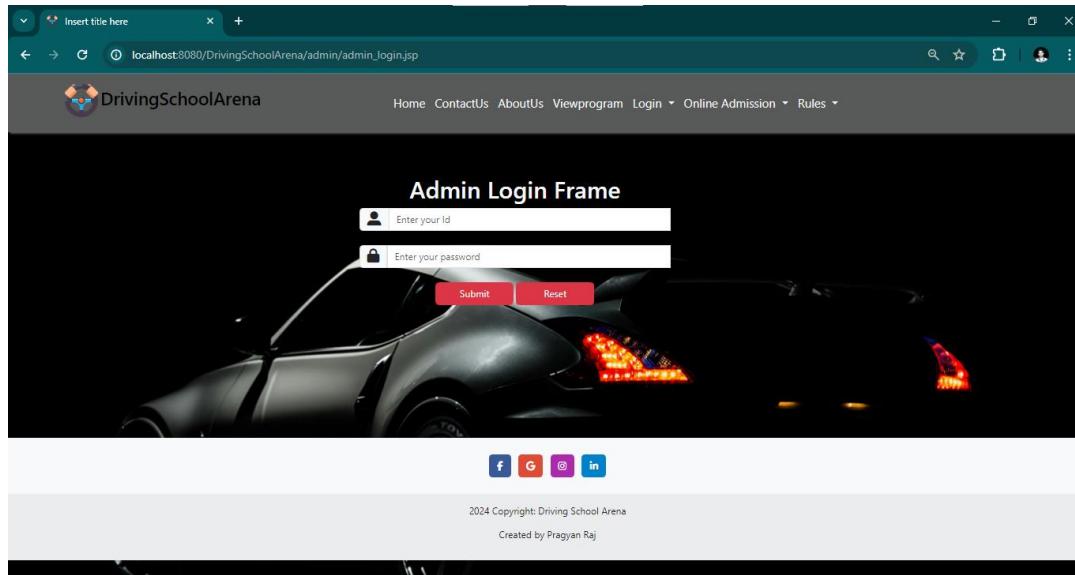
The screenshot shows a web browser window with the URL `localhost:8080/DrivingSchoolArena/trainee/admission_form.jsp`. The page features a dark header with the 'DrivingSchoolArena' logo and navigation links: Home, ContactUs, AboutUs, Viewprogram, Login, Online Admission, and Rules. The main content area has a dark background with a speedometer graphic on the right. A white registration form is centered, titled 'Trainee Registration' in red. The form includes input fields for Name, Email, Phone, Age, and Address, a gender selection with radio buttons for Male and Female, and a 'Choose Program' dropdown menu. Below the form are 'Submit' and 'Reset' buttons. At the bottom of the page, there are social media icons for Facebook, Google+, Instagram, and LinkedIn, followed by a copyright notice: '2024 Copyright: Driving School Arena' and 'Created by Pragyan Raj'.

Rules

The screenshot shows a web browser window with the URL `localhost:8080/DrivingSchoolArena/jsp/aboutroadsignals.jsp`. The page features a dark header with the 'DrivingSchoolArena' logo and navigation links: Home, ContactUs, AboutUs, Viewprogram, Login, Online Admission, and Rules. The main content area has a light background with a stone wall texture. It displays seven traffic rules, each with a corresponding traffic sign icon and a brief explanation:

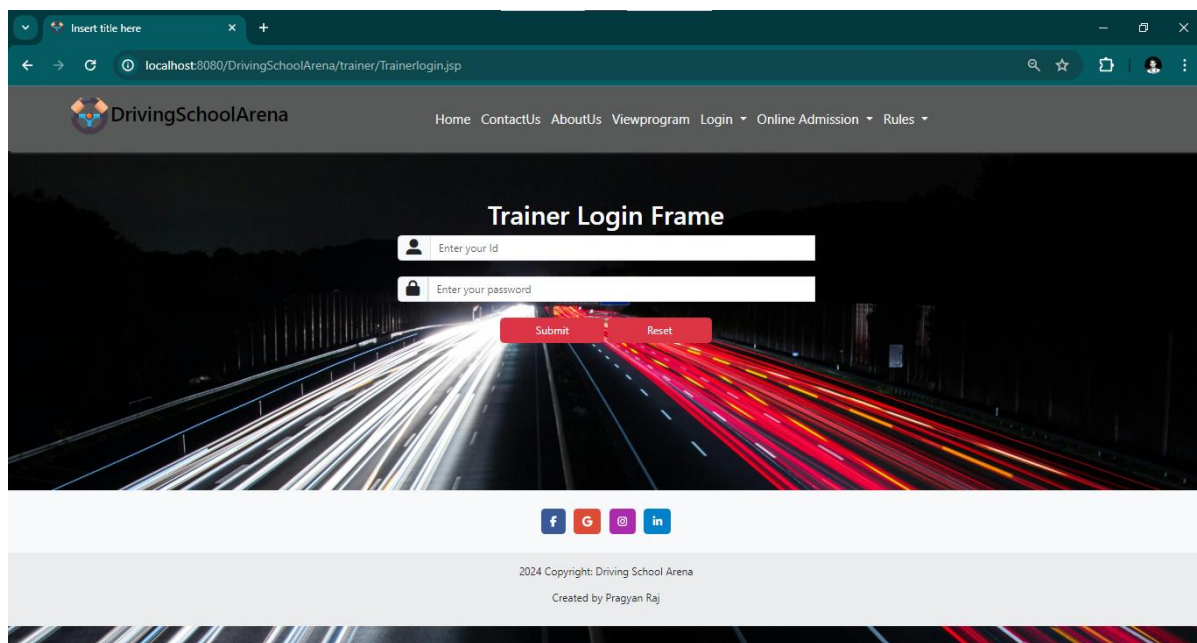
- Red light**: The color 'RED' on the signal light indicates to stop well before the stop line and not to crowd the intersection. Turn left in a red signal only when there is a sign to do so. When turning, yield the right of way to pedestrians and vehicles coming from other directions.
- Green light**: A Green signal at the intersection means to drive ahead. When a green traffic signal is displayed, oncoming traffic has been stopped and it is safe to drive forward. Even so, maintain caution while driving through a green signal as there may be pedestrians or cars jumping a red light.
- Orange light**: The AMBER (or YELLOW) light indicates to clear the road when the signal is changing from green to red. If, by mistake, caught in the amber signal in the middle of a large road crossing, continue with care and do not accelerate in panic. The signal light 'GREEN' set you to go but be careful while on the start of move.
- STOP**: A stop sign means you must come to a full stop and wait until crossing vehicles and pedestrians have cleared, before proceeding. Stop at the stop line if one is present. If necessary, you may then pull forward to the stop sign or the edge of the intersection and then proceed when it is safe to do so.
- NO U TURN**: They are square with a black arrow that's crossed out in red. No U-turn signs are posted at intersections or along roads where the driver can't legally make a 180-degree turn. They also indicate that a right turn is prohibited.
- NO PARKING**: This sign is used where parking and stopping is prohibited. Usually shown as a red cross inside a blue circle with a red ring in Europe and parts of Asia, and a 'E' in a red circle with a X through it in South America.
- DO NOT ENTER**: The do not enter sign is a regulatory sign. Drivers encountering a do not enter sign must not enter the road, off-ramp, exit ramp, or crossover where the sign is posted. Do not enter signs usually indicate

Admin login Form



The screenshot shows a web browser window with the address bar displaying `localhost:8080/DrivingSchoolArena/admin/admin_login.jsp`. The page features a dark header with the "DrivingSchoolArena" logo and navigation links: Home, ContactUs, AboutUs, Viewprogram, Login, Online Admission, and Rules. The main content area has a dark background with a car's rear lights. The title "Admin Login Frame" is centered above the login form. The form includes two input fields: "Enter your id" and "Enter your password", each with a corresponding icon (a person and a lock). Below the fields are "Submit" and "Reset" buttons. At the bottom, there are social media icons for Facebook, Google+, Instagram, and LinkedIn, followed by a footer containing the text "2024 Copyright: Driving School Arena" and "Created by Pragyan Raj".

Admin login Form

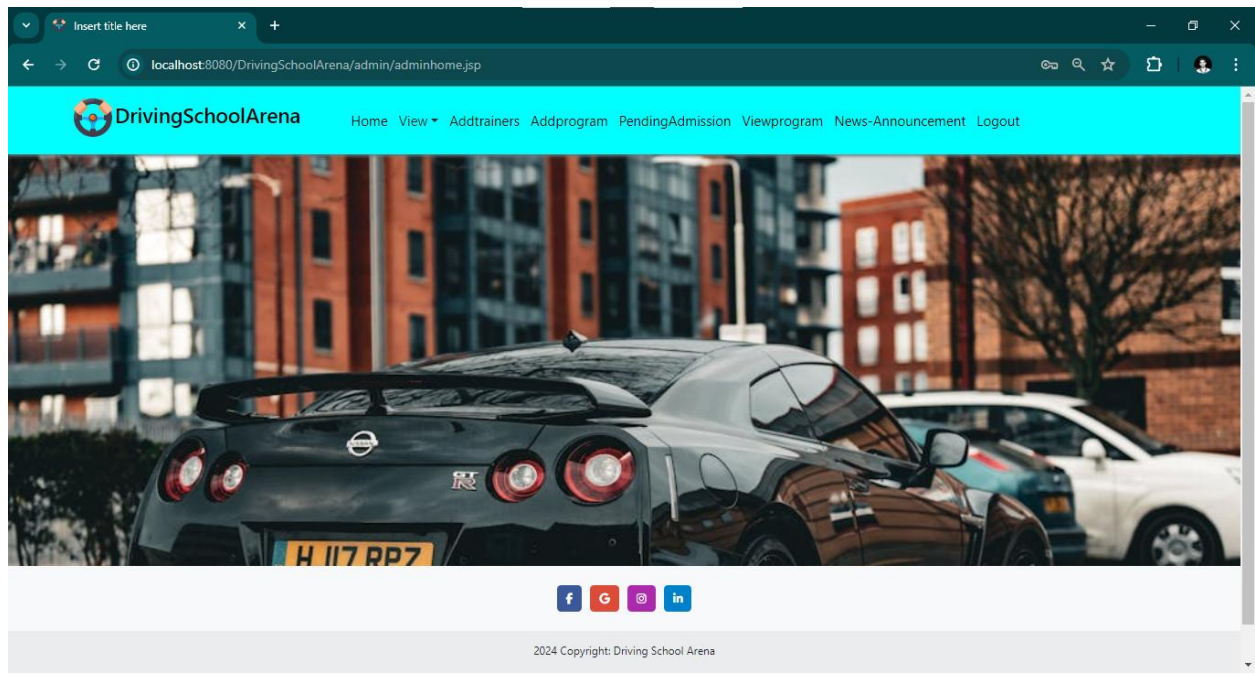


The screenshot shows a web browser window with the address bar displaying `localhost:8080/DrivingSchoolArena/trainer/Trainerlogin.jsp`. The page features a dark header with the "DrivingSchoolArena" logo and navigation links: Home, ContactUs, AboutUs, Viewprogram, Login, Online Admission, and Rules. The main content area has a dark background with a long-exposure image of a highway at night. The title "Trainer Login Frame" is centered above the login form. The form includes two input fields: "Enter your id" and "Enter your password", each with a corresponding icon (a person and a lock). Below the fields are "Submit" and "Reset" buttons. At the bottom, there are social media icons for Facebook, Google+, Instagram, and LinkedIn, followed by a footer containing the text "2024 Copyright: Driving School Arena" and "Created by Pragyan Raj".

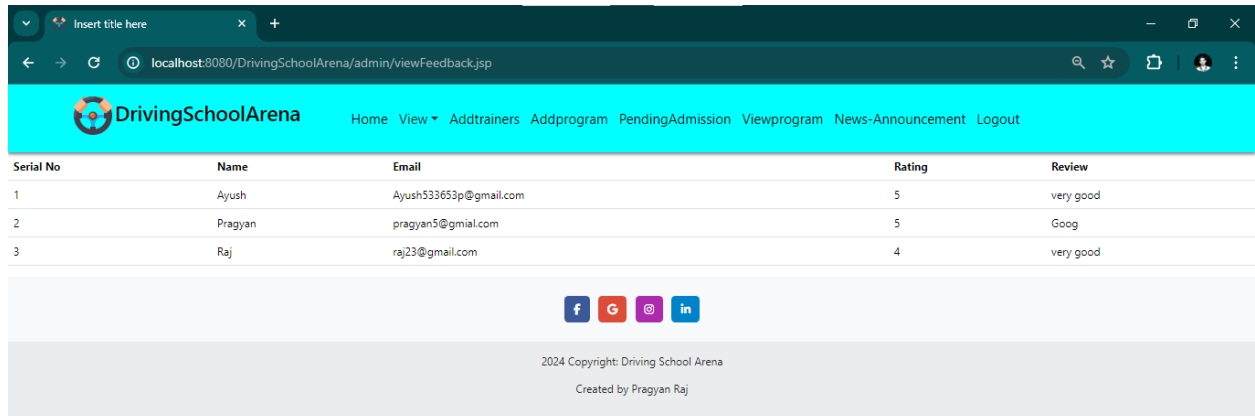
Trainee Login form

The screenshot shows a web browser window with the URL `localhost:8080/DrivingSchoolArena/trainee/trainee_login.jsp`. The page features a dark background with a motorcycle. The header includes the logo and navigation links: Home, ContactUs, AboutUs, Viewprogram, Login, Online Admission, and Rules. The main content area is titled "Trainee Login Frame" and contains two input fields: "Enter your id" and "Enter your password". Below these fields are "Submit" and "Reset" buttons. At the bottom, there are social media icons for Facebook, Google+, Instagram, and LinkedIn, followed by a footer with the text "2024 Copyright: Driving School Arena" and "Created by Pragyan Raj".

Admin Home Page



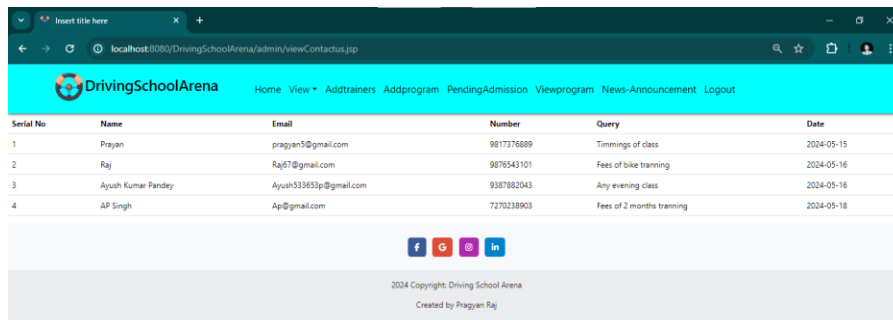
Feedback Page



Serial No	Name	Email	Rating	Review
1	Ayush	Ayush533653p@gmail.com	5	very good
2	Pragyan	pragyan5@gmial.com	5	Goog
3	Raj	raj23@gmail.com	4	very good

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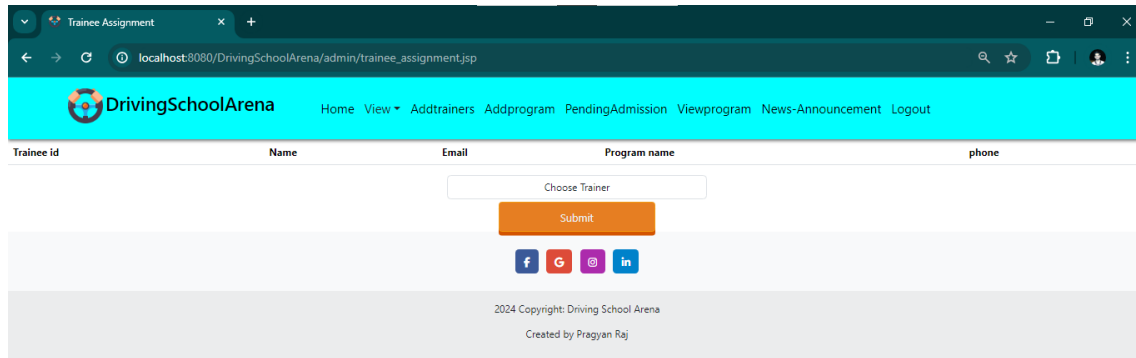
View Contact



Serial No	Name	Email	Number	Query	Date
1	Pragyan	pragyan5@gmail.com	9817376889	Timmings of class	2024-05-15
2	Raj	Raj67@gmail.com	9876543101	Fees of bike training	2024-05-16
3	Ayush Kumar Pandey	Ayush533653p@gmail.com	9387882043	Any evening class	2024-05-16
4	AP Singh	Ap@gmail.com	7270238903	Fees of 2 months training	2024-05-18

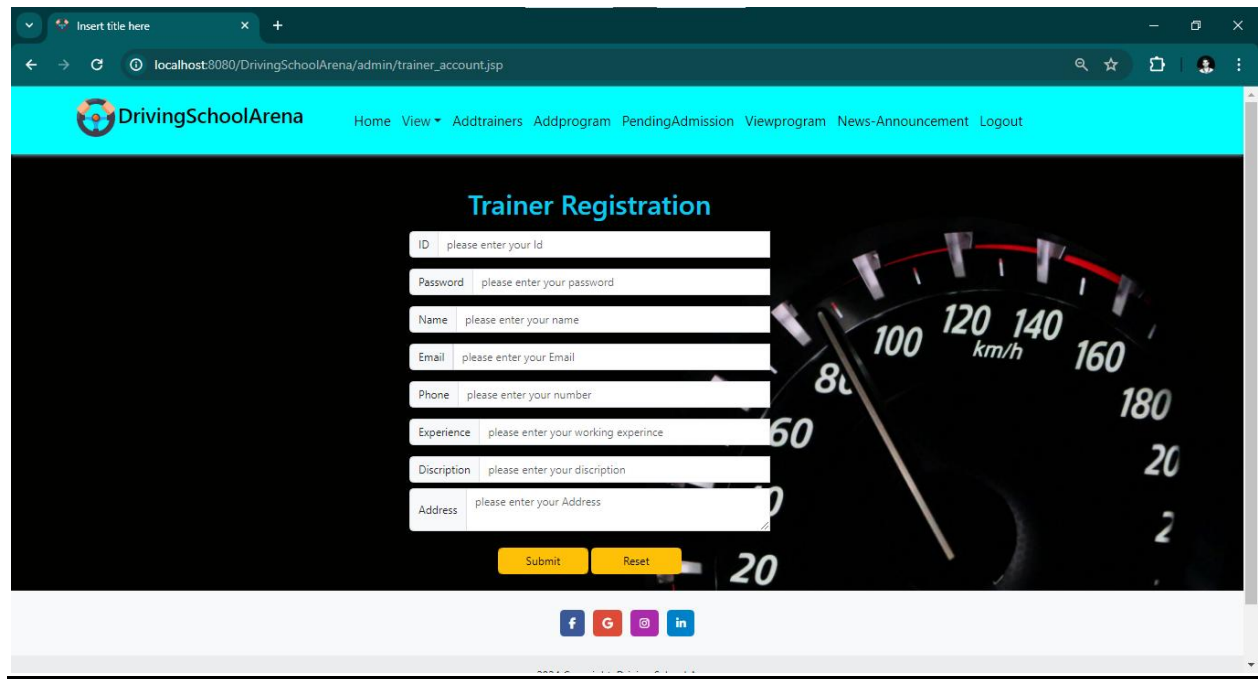
2024 Copyright: Driving School Arena
Created by Pragyan Raj

Assign Trainer



The screenshot shows a web browser window with the title 'Trainee Assignment'. The address bar displays 'localhost:8080/DrivingSchoolArena/admin/trainee_assignment.jsp'. The page features a blue header with the 'DrivingSchoolArena' logo and a navigation menu including 'Home', 'View', 'Addtrainers', 'Addprogram', 'PendingAdmission', 'Viewprogram', 'News-Announcement', and 'Logout'. Below the header, there is a table with columns: 'Trainee id', 'Name', 'Email', 'Program name', and 'phone'. Under the 'Program name' column, there is a dropdown menu labeled 'Choose Trainer' and an orange 'Submit' button. Below the table, there are social media icons for Facebook, Google+, Instagram, and LinkedIn. At the bottom, a footer contains the text '2024 Copyright: Driving School Arena' and 'Created by Pragyan Raj'.

Add Trainer



The screenshot shows a web browser window with the URL `localhost:8080/DrivingSchoolArena/admin/trainer_account.jsp`. The website has a blue header with the logo and navigation links: Home, View, Addtrainers, Addprogram, PendingAdmission, Viewprogram, News-Announcement, and Logout. The main content area is titled "Trainer Registration" and features a registration form with the following fields:

- ID: please enter your Id
- Password: please enter your password
- Name: please enter your name
- Email: please enter your Email
- Phone: please enter your number
- Experience: please enter your working experience
- Discription: please enter your discription
- Address: please enter your Address

Below the form are two yellow buttons: "Submit" and "Reset". The background of the form area features a speedometer graphic. At the bottom of the page, there are social media icons for Facebook, Google+, Instagram, and LinkedIn.

Add Program

DrivingSchoolArena

Home View Addtrainers Addprogram PendingAdmission Viewprogram News-Announcement Logout

Add program

Program Name

Fees

Discription

Submit

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Pending Admission

DrivingSchoolArena

Home View Addtrainers Addprogram PendingAdmission Viewprogram News-Announcement Logout

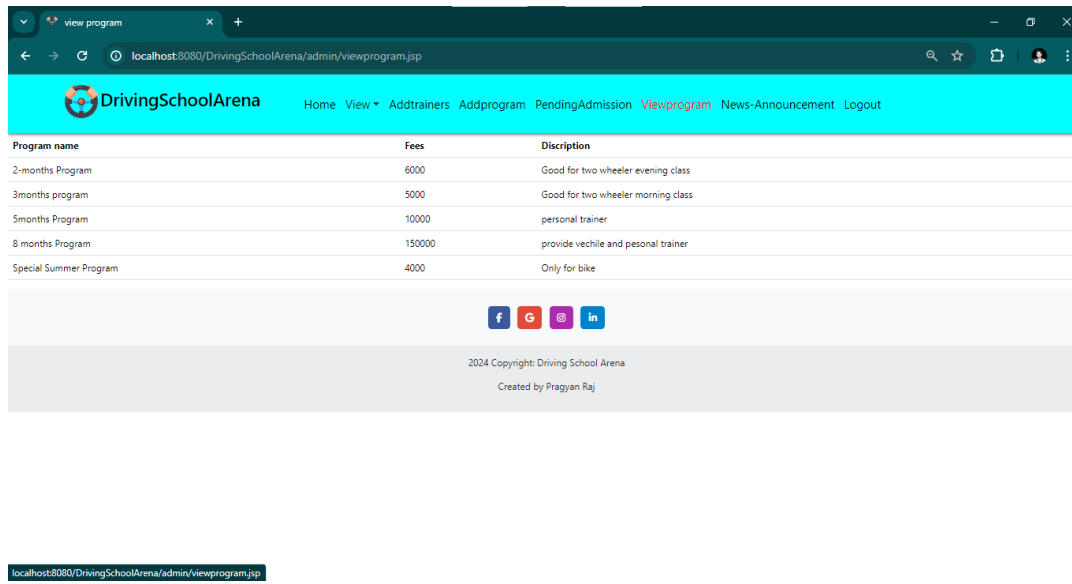
Admission id	Program name	Name	Email	Address	Age
<input type="radio"/>	<input type="text" value="2-months"/>	Pragyan	Pragyan12@gmail.com	Gombi nagar,Lucknow	25
<input type="radio"/>	<input type="text" value="4-months"/>	Patil	patil0@gmail.com	Tedhipullia,Lucknow	34

Submit

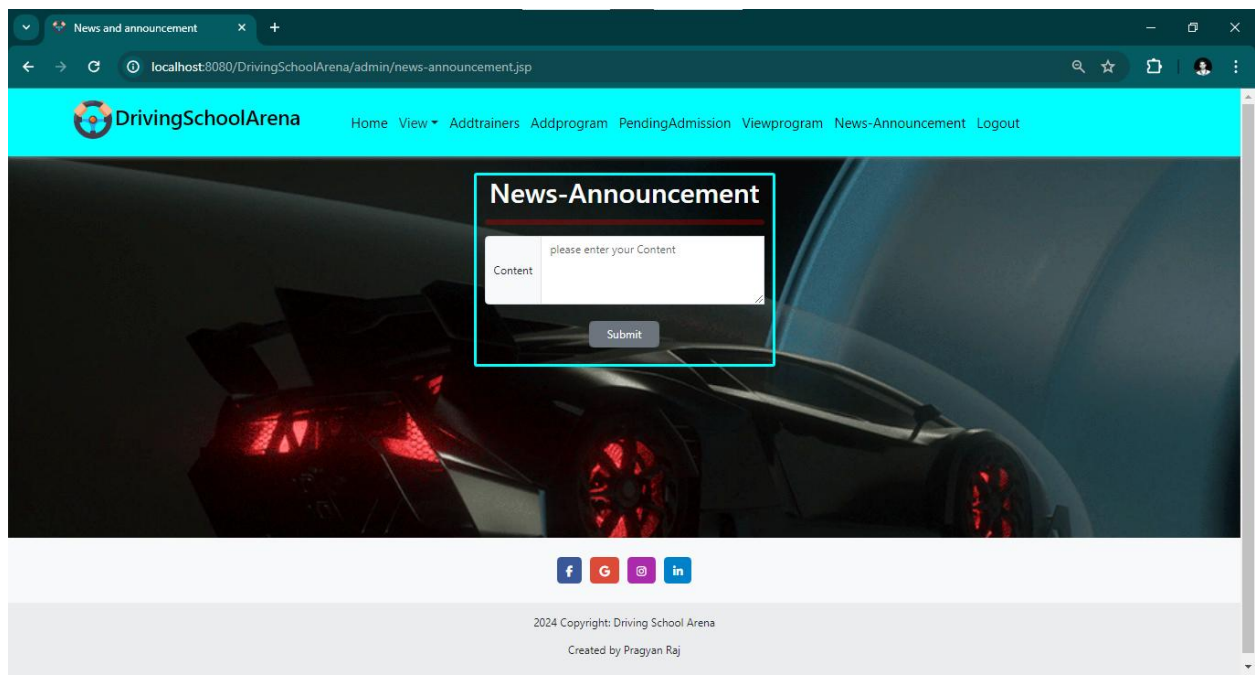
2024 Copyright: Driving School Arena
Created by Pragyan Raj

localhost:8080/DrivingSchoolArena/admin/pendingadmission.jsp

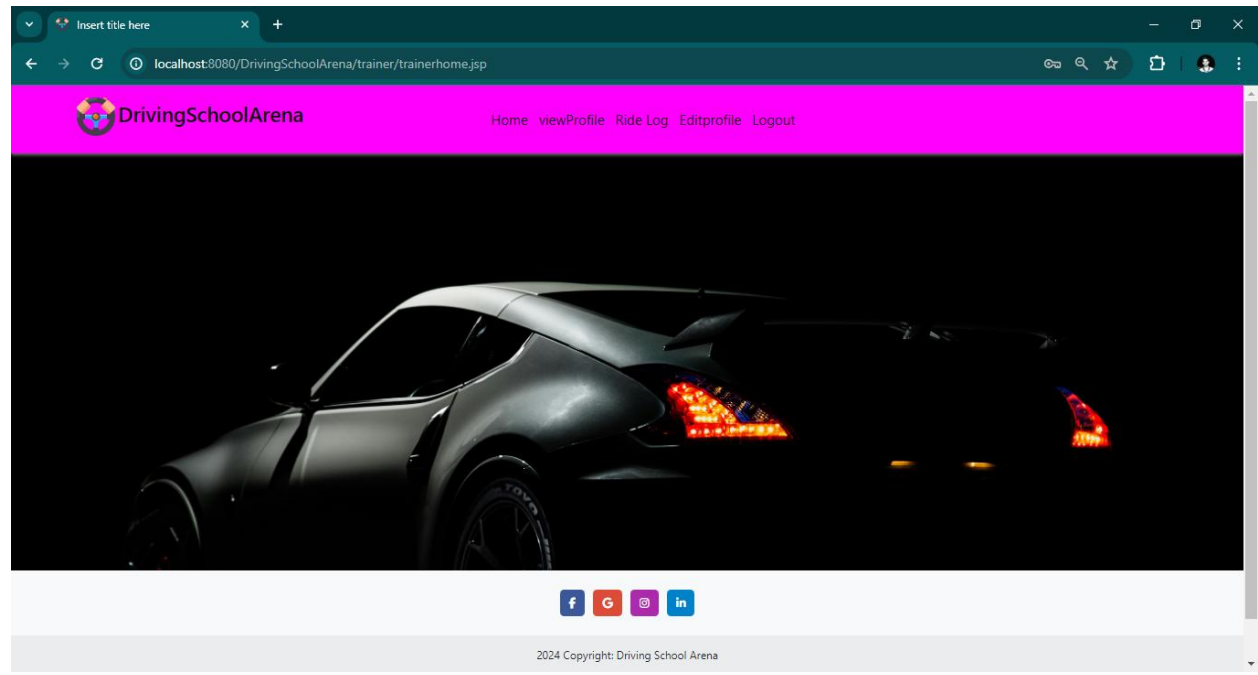
View Program



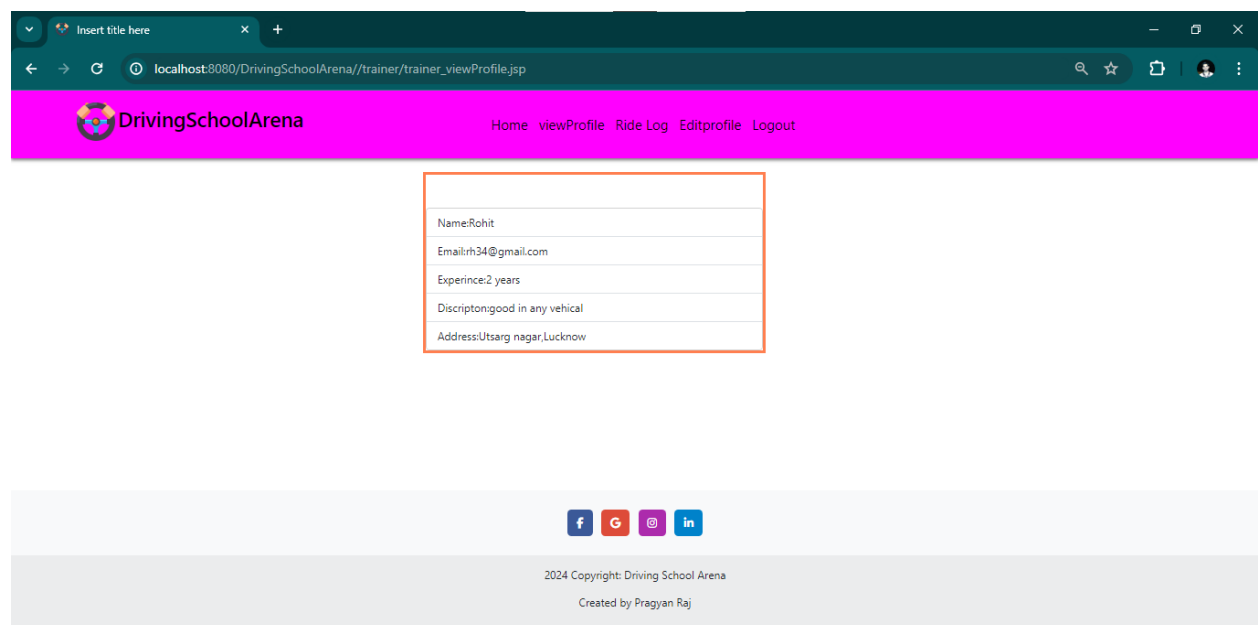
News Annoucement Portal



Trainer Home Page



View Profile



Ride Log

Ride Log

Trainer_id | Rohit45

Choose Trainee

Source | please enter your source

Destination

Duration

Performance | please enter the performance

DeviceNo | please enter the Device_No

VehicleNo | please enter the vehicle No

Date | mm/dd/yyyy

Submit

DrivingSchoolArena

Home viewProfile Ride Log Editprofile Logout

100 120 140 160 180 km/h

2024 Copyright: Driving School Arena

Trainer Edit page

Trainer EditProfile

localhost:8080/DrivingSchoolArena/trainer/trainer_editprofile.jsp

DrivingSchoolArena

Home viewProfile Ride Log Editprofile Logout

Trainer EditProfile

Name	Rohit
Email	rh34@gmail.com
Phone	9289362336
Experience	2 years
Discription	good in any vehical
Address	Utsarg nagar,Lucknow

Submit Reset

f G @ in

2024 Copyright: Driving School Arena
Created by Pragyan Raj

CODING PHASE

Database

```
package dsa.dbutil;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;


public class DBConnection {

    private static Connection con;


    public static Connection openConnection()

    {

        try {

            Class.forName("com.mysql.cj.jdbc.Driver");

            con=DriverManager.getConnection("jdbc:mysql://localhost:3306/drivigschooldb","root",
            "mySQL24");

        } catch (ClassNotFoundException | SQLException e) {
```

```
        // TODO Auto-generated catch block

        e.printStackTrace();

    }

    return con;

}

}
```

INDEX.jsp

```
<%@page import="java.util.ArrayList"%>
<%@page import="dsa.dao.AdminDao"%>
<%@page import="dsa.beans.Newsannouncement"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Home page</title>
<%@include file="/Common/Common_Css.html"%>
<%@include file="/Common/commoncarsouel.html"%>
<style type="text/css">
.nav-Link {
    color: white;
}

img:hover {
    transform: scaleX(-1); /* Flips the image horizontally on hover */
}

p {
    font-weight: 700;
    font-style: italic;
    color: #808080;
}

/* body
{
background-image: url(" /DrivingSchoolArena/images/bg11.jpg");
background-size: cover;
} */
</style>
</head>
<body>

    <%@include file="/Common/Common_header.html"%>
    <%
        AdminDao dao=new AdminDao();

        ArrayList<Newsannouncement> newsview=dao.viewNewsannouncements();
        %>
        <%

for(Newsannouncement ns:newsview)
{
    %>
    <marquee style=" border:6px solid; direction ="up"; border-radius:7px
; ><%=ns.getContent() %></marquee>

    <%} %>
```

```

<div id="carouselExampleCaptions" class="carousel slide"
  data-bs-ride="carousel">
  <div class="carousel-indicators">
    <button type="button" data-bs-target="#carouselExampleCaptions"
      data-bs-slide-to="0" class="active" aria-current="true"
      aria-label="Slide 1"></button>
    <button type="button" data-bs-target="#carouselExampleCaptions"
      data-bs-slide-to="1" aria-label="Slide 2"></button>
    <button type="button" data-bs-target="#carouselExampleCaptions"
      data-bs-slide-to="2" aria-label="Slide 3"></button>
    <!-- <button type="button" data-bs-
target="#carouselExampleCaptions"
      data-bs-slide-to="3" aria-label="Slide 4"></button> -->
  </div>
  <div class="carousel-inner">
    <div class="carousel-item active">
      
      <div class="carousel-caption d-none d-md-block">
        <h5>Start Journey</h5>
        <p>Everything in life is somewhere else, and you get
there in a
        car.</p>
        <div class="slider-btn">
          </div>
        </div>
      </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <h5>Know More</h5>
        <p>Good cars get you from point A to point B.</p>
        <div class="slider-btn">
          <button class="btn btn1" ><a
href="/DrivingSchoolArena/jsp/aboutus.jsp"> About Us</a></button>
          <button class="btn btn2"><a
href="/DrivingSchoolArena/jsp/Contact Us.jsp"> Contact Us</a></button>
        </div>
        </div>
      </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <h5>First Step</h5>
        <p>Fill The Form And Start Your Journey.</p>
        <div class="slider-btn">
          <button class="btn btn1"><a
href="/DrivingSchoolArena/trainee/admission form.jsp">Online Admission
Form</a></button>

```



```

        </div>
    </div>
</div>
<button class="carousel-control-prev" type="button"
    data-bs-target="#carouselExampleCaptions" data-bs-slide="prev">
    <span class="carousel-control-prev-icon" aria-
hidden="true"></span> <span
        class="visually-hidden">Previous</span>
    </button>
<button class="carousel-control-next" type="button"
    data-bs-target="#carouselExampleCaptions" data-bs-slide="next">
    <span class="carousel-control-next-icon" aria-
hidden="true"></span> <span
        class="visually-hidden">Next</span>
    </button>
</div>
<hr style="border-width: 10px; color: red; margin-top: 0px;">

<div class="container-fluid">
    <div class="row">
        <div class="col-4"></div>
        <div class="col-4 text-center"
            style="font-size: 40px; margin-top: 24px;">

            <strong style="text-decoration:
underline;">SERVICES</strong>

        </div>
    </div>

    <div class="row mt-5 " style="margin-left: 150px;">
        <div class="col-4 ">
            

            <h1 style="margin-left: 60px; font-size: 30px; font-
weight: 700">Car-Training</h1>
            <p>If you are interested in enrolling in a car training
course,
                you can explore these options and choose one that
suits your needs.
            </p>
        </div>
        <div class="col-4">
            

            <h1 style="margin-left: 55px; font-size: 30px; font-
weight: 700">Bike-Training</h1>
            <p>If you are interested in enrolling in a motor-bike
training
                course, you can explore these options and choose one
that suits

```

```

        your needs.</p>
    </div>
    <div class="col-4">
        
        <h1 style="margin-left: 35px; font-size: 30px; font-
weight: 700">Vechile-Training</h1>
        <p>If you are interested in enrolling in a large vehicle
choose one that
            suits your needs.</p>
    </div>
</div>

<div class="row mt-5">
<div class="col-5 bg-">
<h1></h1>
</div>
<!--
<div class="col-2">
    

<%@include file="/Common/Common_Footer.html"%>
<%@include file="/Common/Common_Js.html"%>

</body>
</html>

```

About Us

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>AboutUs</title>
```

```
<style>
```

```
/* pre{
font-family:verdana;
```

```
background-image:"bg13.jpg";
```

```
font-size:400px;
```

```
}
```

```
*/
```

```
h1{
```

```
text-align: center;
```

```
}
```

```
</style>
```

```
<%@include file="/Common/Common_Css.html" %>
```

```
</head>
```

```
<body>
```

```
<%@include file="/Common/Common_header.html" %>
```

```
<div class="container-fluid">
```

```
<div class="row">
```

```
<h1 style="background-color:white;font-family:Robot;">About our School</h1>
```

```
<hr>
```

```
<p style="text-align:center;font-size:25px;color:darkslategrey;font-family:Robot;background-
color:LightGray" >
```

Driving is one of them task in which we always required improvement and you have to learn and enhance your driving skills daily.

As we know "Life has only one chance" one mistake changes all situation.

Everyone thinks driving is easy but it is not. Because it is not about running a vehicle, it is also about driving skills,

sign boards meanings, rules, controls and patience and all these things are trained by our trainer in our driving school.

```
</p>
```

```
<p style="text-align:center;font-size:25px;color:darkslategrey;font-family:Robot;background-
color:LightGray">
```

Driving School Arena is one is of the best School for learning and boosting your driving skills by our expert trainer.

We are providing flexible class to learn driving in easy way with rules and controls.

We provide multiple type of vehical training like bike,car and large vehical.

We provide lots of type of programme classes like for beginners and for enchaning and improvement skills.

Please contact us for more information.

Thank you!

</p>

</div>

</div>

<div class="row">
<div class="col-6">

</div>

<div class="col-6">

<pre style="text-align:centre;font-size:25px;color:white;font-family:Robot; background-color:black">

Name: Pragyan Raj
Email:pragyanraj24@gmail.com
Number:0987654321
Designation:Owner
Address: GTNR complex,Munsipullia,Lucknow,U.P
</pre>

</div>

</div>

<!--<h1 style="background-color:white" >About our School</h1> -->
<hr>

<%@include file="/Common/Common_Footer.html" %>
<%@include file="/Common/Common_Js.html" %>

</body>
</html>

Contact Us

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootst
trap.min.css"
    rel="stylesheet"
    integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMHjY6hW+ALEwIH"
    crossorigin="anonymous">
<link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.5.1/css/all.min.css"
    integrity="sha512-
DT0QO9RWCH3ppGqcWaEA1BIZOC6xxaLwEsW9c2QqeAIfTL+VegovLnee1c9QX4TctnWMn1
3TZye+giMm8e2LwA=="
    crossorigin="anonymous" referrerpolicy="no-referrer" />
<link rel="icon" href="/DrivingSchoolArena/images/favicon.png">
<meta charset="ISO-8859-1">
<title>Contact us</title>

<style>
body {
    background-image: url("/DrivingSchoolArena/images/bg1.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
<%@include file="/Common/Common_Css.html"%>

</head>
<body>
    <%@include file="/Common/Common_header.html"%>

    <%
        String msg=(String) request.getAttribute("Message");

        if(msg!=null){

    %>
```

```

<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>
<%} %>
    <div class="container mt-5">
        <div class="row text-white">
            <div class="col-3 "></div>
            <div class="col-6 mt-4">
                <h1 class="text-center ">
                    <a href="
/DrivingSchoolArena/jsp/index.jsp"></a> Contact us Form
                </h1>
                <form method="post" action="
/DrivingSchoolArena/Contact_Us"
                    class="needs-validation" novalidate
onsubmit="return checkLen()">
                    <div class="input-group">
                        <label class="input-group-text"><i
class='fas fa-user-alt'
                                style='font-size:
24px'></i></label> <input type="text"
                                placeholder="Enter your name"
                                required="required"
                                class="form-control" name="name"
oninput="validateInput(event)">
                                <div class="invalid-feedback">Please
provide your name</div>
                            </div>
                            <div class="input-group mt-4">
                                <label class="input-group-text "><i
class='fas fa-at'
                                    style='font-size:
24px'></i></label> <input type="email"
                                    placeholder="Enter your Email"
                                    required="required"
                                    class="form-control"
                                    name="email">
                                    <div class="invalid-feedback">Please
provide your Email</div>

```

```

        </div>
        <div class="input-group mt-4">
            <label class="input-group-text"><i
                class='fas fa-address-book'
style='font-size: 24px'></i></label> <input
                type="text" placeholder="Enter
your number" required="required"
                class="form-control"
name="number" id="phone" maxlength="10">
            <div class="invalid-feedback">Please
provide your number</div>
        </div>
        <div class="input-group mt-4">
            <label class="input-group-text"><i
                class='far fa-comment'
                style='font-size:
24px'></i></label>
            <textarea class="form-control"
required name="query"></textarea>
            <div class="invalid-feedback">Please
provide your Query</div>
        </div>

        <div class="text-center">

            <button type="submit" class="btn btn-
warning w-50 mt-4 mb-5">Submit</button>
        </div>
    </form>

    </div>

</div>

</div>

</div>
<div style="height: 100px"></div>
<script src="/DrivingSchoolArena/Common/validation.js"></script>
<%@include file="/Common/Common_Footer.html"%>

<%@include file="/Common/Common_Js.html"%>

```

```

<script>
function validateInput(event) {

```

```

const input = event.target.value;
const regex = /^[a-zA-Z ]*$/; // Regular expression to match only
characters
if (!regex.test(input)) {
// If input contains anything other than characters, remove them
event.target.value = input.replace(/^[a-zA-Z]/g, '');
alert("only aplhabets are allowed")
}
}
</script>

```

```

<script>
document.getElementById('phone').addEventListener('keydown',
function(event) {
// Allow only digits and backspace/delete keys
if (!(event.key === 'Backspace' || event.key === 'Delete' ||
/\d/.test(event.key))) {
alert("only 10 digits are allowed")
event.preventDefault();
}

});

```

```

function checkLen()
{

    var ph=document.getElementById("phone").value

    if(ph.length<10)
    {

        alert("Phone Number must be of 10 digits")
        return false
    }

    else
        return true

}

</script>

</body>
</html>

```


Admin

Admin Login

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html"%>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<style>
.div1 {
    margin-left: 4px !important;
}

body {
    background-image: url("/DrivingSchoolArena/images/bg1.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
<body>
    <%@include file="/Common/Common_header.html"%>
    <%
        String msg=(String) request.getAttribute("message");

        if(msg!=null){

        %>

<div class="alert alert-warning alert-dismissible fade show" role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert" aria-label="Close"></button>
</div>
<%} %>
        <div class="container mt-5" style="margin-bottom: 200px">
            <div class="row text-light">
                <div class="col-3 "></div>
                <div class="col-5 mt-4">
                    <div>
                        <h1 class="text-center ">Admin Login Frame</h1>
                    </div>
                    <form class="needs-validation" novalidate method="post"
action="/DrivingSchoolArena/AdminLogin">
                        <div class="input-group">
```

```

24px'></i></label> <input
required="required"

Id</div>

24px'></i></label> <input
password" name="password"

Password

control ">Submit</button>

">Reset</button>

<button type="reset" class="btn btn-danger w-25

</div>
</div>
</div>
</div>
</div>
</div>

<script src="/DrivingSchoolArena/Common/validation.js"></script>
<%@include file="/Common/Common_Footer.html"%>

<%@include file="/Common/Common_Js.html"%>

</body>
</html>

```

Admin Home page

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<%@include file="/Common/Common_Css.html" %>
<style type="text/css">
body{

background-image:
url('https://images.pexels.com/photos/20131557/pexels-photo-
20131557/free-photo-of-black-car-on-the-
street.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1');
background-size: cover;
background-repeat: no-repeat;
}

</style>

</head>
<body>
<%@include file="/admin/adminheader.html" %>


<script src="/DrivingSchoolArena/Common/validation.js"></script>
<div style="height: 600px"></div>

<%@include file="/Common/Common_Footer.html" %>

<%@include file="/Common/Common_Js.html" %>
</body>
</html>
```

Admin Edit profile

```
<%@page import="dsa.beans.Admin_edit"%>
<%@page import="dsa.dao.AdminDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%@include file="/trainer/trainerheader.html" %>

<!-- include java file -->
<%
String id=(String)session.getAttribute("adminkey");

AdminDao dao=new AdminDao();

/* Admin_edit t=dao.admin_edit(id); *///ask about its functions

%>

<%
    String msg=(String) request.getAttribute("message");

if(msg!=null){

%>
<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>
<%} %>

<!-- end java file -->
```

Add Program

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>

<link rel="icon" href="/DrivingSchoolArena/images/favicon.png">
<meta charset="ISO-8859-1">
<title>Add program</title>

<style>
body {
    background-image: url(" /DrivingSchoolArena/images/bg1.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
<%@include file="/Common/Common_Css.html"%>

</head>
<body>
<%@include file="/admin/adminheader.html" %>

    <%
        String msg=(String) request.getAttribute("Message");

    if(msg!=null){

    %>
<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>
<%} %>

    <div class="container mt-5">
        <div class="row text-white">
            <div class="col-3 "></div>
            <div class="col-6 mt-4">
                <h1 class="text-center ">
```

```

        <a href="
/DrivingSchoolArena/jsp/index.jsp"></a> Add program
    </h1>
    <form method="post" action="
/DrivingSchoolArena/Add_program"
        class="needs-validation" novalidate>
        <div class="input-group">
            <label class="input-group-
text">Program Name</label> <input type="text"
                placeholder="Enter your program
name" required="required"
                    class="form-control"
name="pname" oninput="validateInput(event)">
            <div class="invalid-feedback">Please
provide your program name</div>
            </div>
            <div class="input-group mt-4">
                <label class="input-group-text
">Fees</label> <input type="email"
                    placeholder="Enter the fees"
required="required"
                        class="form-control" name="fees"
id="fees" maxlength="6">
                <div class="invalid-feedback">Please
provide your Fees Details</div>
                </div>
                <div class="input-group mt-4">
                    <label class="input-group-
text">Discription</label> <input
                        type="text" placeholder="Enter
your discription" required="required"
                            class="form-control"
name="discription">
                    <div class="invalid-feedback">Please
provide your discription</div>
                    </div>

                <div class="text-center">

                    <button type="submit" class="btn btn-
warning w-50 mt-4 mb-5">Submit</button>
                </div>
            </form>

```

```

        </div>
    </div>

</div>

<div style="height:170px">

</div>
<%@include file="/Common/Common_Footer.html"%>

<%@include file="/Common/Common_Js.html"%>

<script>
function validateInput(event) {
const input = event.target.value;
const regex = /^[a-zA-Z ]*$/; // Regular expression to match only
characters
if (!regex.test(input)) {
// If input contains anything other than characters, remove them
event.target.value = input.replace(/^[a-zA-Z]/g, '');
alert("only aplhabets are allowed")
}
}
</script>

<script>
document.getElementById('fees').addEventListener('keydown',
function(event) {
// Allow only digits and backspace/delete keys
if (!(event.key === 'Backspace' || event.key === 'Delete' ||
/\d/.test(event.key))) {
alert("maximum 6 digits are allowed")
event.preventDefault();
}

});

</script>

</body>
</html>

```

Admin View profile

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%@include file="/admin/adminheader.html" %>

<%
String id=(String)session.getAttribute("adminkey");

{%>

<%}%>

<%@include file="/Common/Common_Footer.html" %>
<%@include file="/Common/Common_Js.html" %>

</body>
</html>
```


Trainer Account

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<style type="text/css">
body {
    background-image: url("/DrivingSchoolArena/images/pixel.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
<%@include file="/Common/Common_Css.html"%>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"
></script>
<script>

    $(document).ready(function(){
        $("#id").change(function(){
            //alert("hello")
            console.log($(this).val());
            var username = $(this).val();//it will fetch the value
from input text
            $.ajax({
                url: "/DrivingSchoolArena/TrainerRegistration",
                type : "GET",
                data:{
                    'id': username
                },
                //dataType: 'json',
                success: function(response_data){
                    //alert(response_data)
                    if(response_data!="")
                    {

                        //$("#ajaxmsg").text(response_data)
                        alert(response_data)
                    }
                }
            })
        })
    })
</script>
```

```

        $("#id").val("")

    }

    /* else{
        $("#ajaxmsg").text("")
    } */
}

});

});

})

</script>

</head>
<body>
    <%=@include file="/admin/adminheader.html"%>
    <%
        String msg=(String) request.getAttribute("Message");

        if(msg!=null){

%>

<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>
<%} %>

    <div class="container mt-4">
        <div class="row text-info">
            <div class="col-3"></div>
            <div class="col-5 mt-4">
                <h1 class="text-center">Trainer Registration</h1>

```

```

        <form class="needs-validation" novalidate
method="post" action="/DrivingSchoolArena/TrainerRegistration"
onsubmit="return checkLen()">
        <div class="input-group mt-3">
            <label for="Id" class="input-group-
text">ID</label> <input
                                type="text" placeholder="please
enter your Id"
                                required="required" class="form-
control" name="ID" id="id">
                                <span id="ajaxmsg" style="color:
red"></span>
                                <div class="invalid-feedback">Please
provide your Id</div>
                                </div>
        <div class="input-group mt-3">
            <label for="Password" class="input-
group-text">Password</label> <input
                                type="password"
                                placeholder="please enter your password"
                                required="required" class="form-
control" name="Password">
                                <div class="invalid-feedback">Please
provide your password</div>
                                </div>
        <div class="input-group mt-3">
            <label for="Name" class="input-group-
text">Name</label> <input
                                type="text" placeholder="please
enter your name"
                                required="required" class="form-
control" name="name" oninput="checkInput(event)">
                                <div class="invalid-feedback">Please
provide your name</div>
                                </div>

        <div class="input-group mt-3">
            <label for="Id" class="input-group-
text">Email</label> <input
                                type="Email" placeholder="please
enter your Email"
                                required="required" class="form-
control" name="email">

```

```

        <div class="invalid-feedback">Please
provide your email</div>
    </div>
    <div class="input-group mt-3">
        <label for="phone" class="input-group-
text">Phone</label> <input
        type="text" placeholder="please
enter your number"
        required="required" class="form-
control" name="phone" id="phone">
        <div class="invalid-feedback">Please
provide your phone</div>
    </div>

```

```

        <div class="input-group mt-3">
            <label for="Experince" class="input-
group-text">Experience</label>

            <input type="text"
                placeholder="please enter your
working experince"
                required="required" class="form-
control" name="experince">

```

```

        <div class="invalid-feedback">Please
provide your Experince
    </div>
    </div>
    <div class="input-group mt-3">
        <label for="Discription" class="input-
group-text">Discription</label>
        <input type="text" placeholder="please
enter your discription"
        required="required" class="form-
control" name="discription">
        <div class="invalid-feedback">Please
provide your
        Discription</div>
    </div>

```

```

        <div class="input-group mt-2">
            <label for="address" class="input-
group-text">Address</label>

            <textarea class="form-control "
                placeholder="please enter your
Address" required="required"
                class="form-control "
name="address"></textarea>

            <div class="invalid-feedback">Please
provide your Address</div>
        </div>
        <div class="text-center">
            <button type="submit"
                class=" btn btn-warning w-25 mt-
4 mb-4 form-control">Submit</button>
            <button type="reset" class=" btn btn-
warning w-25">Reset</button>

        </div>
    </form>

</div>

</div>

</div>

<script src="/DrivingSchoolArena/Common/validation.js"></script>

<%@include file="/Common/Common_Footer.html"%>
<%@include file="/Common/Common_Js.html"%>
<script>
function validateInput(event) {
const input = event.target.value;
const regex = /^[a-zA-Z ]*$/; // Regular expression to match only
characters
if (!regex.test(input)) {
// If input contains anything other than characters, remove them
event.target.value = input.replace(/^[a-zA-Z]/g, '');
alert("only aplhabets are allowed")
}
}

```

```
}
</script>

<script>
document.getElementById('phone').addEventListener('keydown',
function(event) {
// Allow only digits and backspace/delete keys
if (!(event.key === 'Backspace' || event.key === 'Delete' ||
/\d/.test(event.key))) {
alert("only 10 digits are allowed")
event.preventDefault();
}
});

function checkLen()
{

    var ph=document.getElementById("phone").value

    if(ph.length<10)
    {
        alert("Phone Number must be of 10 digits")
        return false
    }
    else
        return true
}

</script>

</body>
</html>
```

Trainer Assignment

```
<%@page import="dsa.beans.Trainer_registration"%>
<%@page import="dsa.beans.Admission_Form"%>
<%@page import="java.util.ArrayList"%>
<%@page import="dsa.dao.AdminDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<style type="text/css">
.button {
    color: #ecf0f1;
    width:250px;
    margin-top:5px;
    font-size: 17px;
    background-color: #e67e22;
    border: 1px solid #f39c12;
    border-radius: 5px;
    cursor: pointer;
    padding: 10px;
    box-shadow: 0px 6px 0px #d35400;
    transition: all 0.1s;
}

.button:active {
    box-shadow: 0px 2px 0px #d35400;
    position: relative;
    top: 2px;
}

</style>
<meta charset="ISO-8859-1">
<title>Trainee Assignment</title>
<%@include file="/Common/Common_Css.html" %>
</head>
<body>
<%@include file="/admin/adminheader.html" %>
<form action="/DrivingSchoolArena/Assign_Trainee" method="post">
<%
```

```

        String msg=(String) request.getAttribute("Message");

        if(msg!=null){

        %>

        <div class="alert alert-warning alert-dismissible fade show"
        role="alert">
            <strong><%=msg %></strong>
            <button type="button" class="btn-close" data-bs-dismiss="alert"
            aria-label="Close"></button>
        </div>
        <%} %>

        <%

        AdminDao dao=new AdminDao();

        ArrayList<Admission_Form> traineeview = dao.viewtrainee();
        ArrayList<Trainer_registration>list=dao.viewtrainerdetails();

        %>

        <table class="table">
        <tbody>
        <tr>
        <th> Trainee id</th>
        <th> Name</th>
        <th> Email</th>
        <th> Program name </th>
        <th> phone</th>
        </tr>

        <%
        for( Admission_Form af:traineeview)
        {
            %>

            <tr>
            <td><input type="checkbox" name="id" value="<%=af.getId()%>"></td>
            <td><%=af.getName() %></td>
            <td><%=af.getEmail()%></td>
            <td><%=af.getProgram()%></td>
            <td><%=af.getPhoneno()%></td>

```



```
</tr>
```

```
<%} %>
```

```
</table>
```

```
</tbody>
```

```
<div class="container">
```

```
<div class="row">
```

```
<div class="col-4"></div>
```

```
<div class="col-4">
```

```
<select class="form-control text-center" name="trainerid">
```

```
<option value="default">Choose
```

```
Trainer</option>
```

```
<%for(Trainer_registration
```

```
tr:list)
```

```
{
```

```
%>
```

```
<option
```

```
value="<%=tr.getUserid()%>"><%=tr.getName() %></option>
```

```
<%} %>
```

```
</select>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="text-center">
```

```
<button type="submit"
```

```
class=" button">Submit</button>
```

```
</div>
```

```
</form>
```

```
<%@include file="/Common/Common_Footer.html" %>
```

```
<%@include file="/Common/Common_Js.html" %>
```

```
</body>
```

```
</html>
```

News Announcement

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html"%>
<style type="text/css">
body
{
background-image: url("/DrivingSchoolArena/images/bg.gif");
background-size: cover;

}

</style>
<meta charset="ISO-8859-1">
<title>News and announcement</title>
</head>
<body>
    <%@include file="/admin/adminheader.html"%>

<%
    String msg=(String) request.getAttribute("Message");

    if(msg!=null){

%>

<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>
<%} %>

<form action=" /DrivingSchoolArena/News_Announcement" method="post" >

<div class="container mt-4">
<div class="row">
<div class="col-4"></div>
<div class="col-4" style="border:4px solid cyan;border-radius: 4px;">
```

```

<h1 class="text-center text-white" >News-Announcement</h1>
<hr style="border:4px solid red;border-radius: 4px;">
<div class="input-group mt-2">
    <label for="address" class="input-
group-text">Content</label>

    <textarea class="form-control "
        placeholder="please enter your
Content" required="required"
        name="content"
style="height:100px;"></textarea>
    <div class="invalid-feedback">Please
provide your content</div>
    </div>
    <div class="text-center">
        <button type="submit"
            class=" btn btn-secondary w-25
mt-4 mb-4 form-control">Submit</button>

</div>
</div></div></div>
</form>
<div style="height: 250px"></div>
<!-- <%@include file="/Common/Common_Footer.html"%> --%>
<%@include file="/Common/Common_Footer.html"%>
    <%@include file="/Common/Common_Js.html"%>
</body>
</html>

```

View Feedback

```
<%@page import="java.util.ArrayList"%>
<%@page import="dsa.dao.AdminDao"%>
<%@page import="dsa.beans.Feedback"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%@include file="/admin/adminheader.html" %>

<%

AdminDao dao=new AdminDao();
    ArrayList<Feedback> feedbackview = dao.viewfeedback();

%>
<%
for(Feedback c:feedbackview )
{
    %>

<!-- <h1>Serial no is:<%=c.getSrno() %></h1>
<h1>Name is is:<%=c.getName()%></h1>
<h1>Email is:<%=c.getEmail()%></h1>
<h1>Rating is:<%=c.getRating()%></h1>
<h1>Review is:<%=c.getReview()%></h1> --%>

<%} %>
<table class="table">
<tbody>
<tr>
<th> Serial No  </th>
<th> Name </th>
```

```

<th> Email </th>
<th> Rating</th>
<th> Review</th>
</tr>
<%
for(Feedback c:feedbackview)
{
%>

<tr>
<td><%=c.getSrno() %></td>
<td><%=c.getName()%></td>
<td><%=c.getEmail()%></td>
<td><%=c.getRating()%></td>
<td><%=c.getReview()%></td>

</tr>

<%} %>

</tbody>
</table>

<%@include file="/Common/Common_Footer.html" %>
<%@include file="/Common/Common_Js.html" %>

</body>
</html>

```

View ContactUs

```
<%@page import="dsa.beans.Contactus"%>
<%@page import="java.util.ArrayList"%>
<%@page import="dsa.dao.AdminDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>
<style type="text/css">
td:hover
{
background-color: yellow;
}

</style>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%@include file="/admin/adminheader.html" %>

<%

AdminDao dao=new AdminDao();
    ArrayList<Contactus> contactview = dao.viewcontact();

%>
<%
for(Contactus c:contactview)
{
    %>

<!-- <h1>Serial no is:<%=c.getSerialno() %></h1>
<h1>Name is is:<%=c.getName()%></h1>
<h1>Email is:<%=c.getEmail()%></h1>

<h1>Number is:<%=c.getNumber()%></h1>
<h1>Query is:<%=c.getQuery()%></h1>
<h1>Date is:<%=c.getDate()%></h1> --%>

<%} %>
```

```

<table class="table">
<tbody>
<tr>
<th> Serial No  </th>
<th> Name </th>
<th> Email  </th>
<th> Number</th>
<th> Query</th>
<th> Date  </th>
</tr>
<%
for(Contactus c:contactview)
{
%>
<tr>
<td><%=c.getSerialno() %></td>
<td><%=c.getName()%></td>
<td><%=c.getEmail()%></td>
<td><%=c.getNumber()%></td>
<td><%=c.getQuery()%></td>
<td><%=c.getDate()%></td>

</tr>

<%} %>
</tbody>
</table>

<%@include file="/Common/Common_Footer.html" %>
<%@include file="/Common/Common_Js.html" %>

</body>
</html>

```

Trainee

Addmission Form

```
<%@page import="dsa.beans.Program"%>
<%@page import="java.util.ArrayList"%>
<%@page import="dsa.dao.AdminDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<style type="text/css">
body {
    background-image: url("/DrivingSchoolArena/images/pixel.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
<%@include file="/Common/Common_Css.html"%>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
    <%@include file="/Common/Common_header.html"%>

    <%
        String msg=(String) request.getAttribute("Message");

    if(msg!=null){

    %>

<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
```



```

        <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>
<%} %>

<!-- view program code start -->
<%

AdminDao dao=new AdminDao();
    ArrayList<Program> programview = dao.viewprogram();

%>
<%
for(Program p:programview)
{

    System.out.println(p.getPname());

    %>

<%} %>

<!-- end view profile code -->

    <div class="container mt-4">
        <div class="row text-danger">
            <div class="col-3"></div>
            <div class="col-5 mt-4">
                <h1 class="text-center bg-light">Trainee
Registration</h1>
                <form class="needs-validation" novalidate
method="post"
                    action="/DrivingSchoolArena/AdmissionForm"
onsubmit=" return checkLen()">

                    <div class="input-group mt-2">
                        <label for="Name" class="input-group-
text">Name</label> <input
                            type="text" placeholder="please
enter your name"

```

```

                                required="required" class="form-
control" name="name" oninput="validateInput(event)">
                                <div class="invalid-feedback">Please
provide your name</div>
                                </div>
                                <div class="input-group mt-2">
                                <label for="Id" class="input-group-
text">Email</label> <input
                                type="Email" placeholder="please
enter your Email"
                                required="required" class="form-
control" name="email">
                                <div class="invalid-feedback">Please
provide your email</div>
                                </div>
                                <div class="input-group mt-2">
                                <label for="phone" class="input-group-
text">Phone</label> <input
                                type="text" placeholder="please
enter your number"
                                required="required" class="form-
control" name="phone" id="phone" maxlength="10">
                                <div class="invalid-feedback">Please
provide your phone</div>
                                </div>
                                <div class="input-group mt-2 bg"
                                <label for="gender" class="input-
group-text me-4">Gender</label> <input
                                type="radio" required_
name="gender" value="male">Male <input
                                type="radio" required_
name="gender" value="female">Female
                                <div class="invalid-feedback">Please
provide your Gender</div>
                                </div>
                                <div class="input-group mt-2">
                                <label for="Experince" class="input-
group-text">Age</label> <input
                                type="text" placeholder="please
enter your age"
                                required="required" class="form-
control" name="age" id="age" maxlength="2">
                                <div class="invalid-feedback">Please
provide your Age</div>

```

```

        </div>
        <div class="mt-2">
            <select class="form-select"
name="program">
                <option value=""selected
disabled>Choose Program</option>
                <%for(Program p:programview)
                {
                    %>
                    <option
value="<%=p.getPname()%>"><%=p.getPname() %></option>
                    <%} %>
                </select>
            </div>
            <div class="invalid-feedback">Please Choose
your Program</div>

            <div class="input-group mt-2">
                <label for="address" class="input-
group-text">Address</label>

                <textarea class="form-control "
placeholder="please enter your
Address" required="required"
class="form-control "
name="address"></textarea>
                <div class="invalid-feedback">Please
provide your Address</div>
            </div>
            <div class="text-center">
                <button type="submit"
class=" btn btn-secondary w-25
mt-4 mb-4 form-control">Submit</button>
                <button type="reset" class=" btn btn-
secondary w-25">Reset</button>
            </div>
        </form>
    </div>

```

```

        </div>

</div>

<script src="/DrivingSchoolArena/Common/validation.js"></script>

<%@include file="/Common/Common_Footer.html"%>
<%@include file="/Common/Common_Js.html"%>

<script>
function validateInput(event) {
const input = event.target.value;
const regex = /^[a-zA-Z ]*$/; // Regular expression to match only
characters
if (!regex.test(input)) {
// If input contains anything other than characters, remove them
event.target.value = input.replace(/^[a-zA-Z]/g, '');
alert("only aplhabets are allowed")
}
}
</script>

<script>
document.getElementById('phone').addEventListener('keydown',
function(event) {
// Allow only digits and backspace/delete keys
if (!(event.key === 'Backspace' || event.key === 'Delete' ||
/\d/.test(event.key))) {
alert("only 10 digits are allowed")
event.preventDefault();
}

});

document.getElementById('age').addEventListener('keydown',
function(event) {
// Allow only digits and backspace/delete keys
if (!(event.key === 'Backspace' || event.key === 'Delete' ||
/\d/.test(event.key))) {
alert("only 2 digits are allowed")
event.preventDefault();
}

```

```
}  
});
```

```
function checkLen()  
{  
    var ph=document.getElementById("phone").value  
  
    if(ph.length<10)  
    {  
        alert("Phone Number must be of 10 digits")  
        return false  
    }  
    else  
        return true  
}
```

```
</script>
```

```
</script>
```

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

Trainee edit profile

```
<%@page import="dsa.beans.Admission_Form"%>
<%@page import="dsa.dao.TraineeDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<style type="text/css">
body {
    background-image: url("/DrivingSchoolArena/images/pixel.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
<%@include file="/Common/Common_Css.html"%>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
    <%@include file="/trainee/trainee._header.html"%>

    <%

        String id=(String)session.getAttribute("traineekey");

        TraineeDao dao=new TraineeDao();
        Admission_Form af=dao.viewProfile1(id);

        String msg=(String) request.getAttribute("Message");

        if(msg!=null){

    %>
```

```

<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>
<%} %>

    <div class="container mt-4">
        <div class="row text-danger">
            <div class="col-3"></div>
            <div class="col-5 mt-4">
                <h1 class="text-center bg-light">Trainee
EditProfile</h1>
                <form class="needs-validation" novalidate
method="post"

                    action="/DrivingSchoolArena/TraineeEditProfile" onsubmit=" return
checkLen()">

                        <div class="input-group mt-2">
                            <label for="Name" class="input-group-
text">Name</label> <input
                                type="text" placeholder="please
enter your name" value="<%=af.getName() %>"
                                required="required" class="form-
control" name="name" oninput="validateInput(event)">
                            <div class="invalid-feedback">Please
provide your name</div>
                        </div>
                        <div class="input-group mt-2">
                            <label for="Id" class="input-group-
text">Email</label> <input
                                type="Email" placeholder="please
enter your Email"
                                required="required" class="form-
control" name="email" value="<%=af.getEmail() %>">
                            <div class="invalid-feedback">Please
provide your email</div>
                        </div>
                        <div class="input-group mt-2">
                            <label for="phone" class="input-group-
text">Phone</label> <input

```

```

                                type="text" placeholder="please
enter your number"
                                required="required" class="form-
control" value="<%=af.getPhoneno() %>" name="phone" id="phone"
maxlength="10">
                                <div class="invalid-feedback">Please
provide your phone</div>
                                </div>

                                <div class="input-group mt-2">
                                <label for="address" class="input-
group-text">Address</label>

                                <textarea class="form-control "
                                placeholder="please enter your
Address" required="required"
                                class="form-control "
name="address"><%=af.getAddress() %></textarea>
                                <div class="invalid-feedback">Please
provide your Address</div>
                                </div>
                                <div class="text-center">
                                <button type="submit"
                                class=" btn btn-secondary w-25
mt-4 mb-4 form-control">Submit</button>
                                <button type="reset" class=" btn btn-
secondary w-25">Reset</button>

                                </div>
                                </form>

                                </div>

                                </div>

                                </div>

<div style="height: 150px"></div>
<script src="/DrivingSchoolArena/Common/validation.js"></script>

<%@include file="/Common/Common_Footer.html"%>
<%@include file="/Common/Common_Js.html"%>

```


Trainee Home Page

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>

<meta charset="ISO-8859-1">
<title>Trainee Home</title>
<style>
body {
    background-image:
url('https://images.pexels.com/photos/956999/milky-way-starry-sky-
night-sky-star-
956999.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=1');
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
</head>
<body>
<%@include file="/trainee/trainee._header.html"%>
<div>
<h1>

</h1>
</div>
</body>
</html>
```

Trainee Login

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<style>
.div1
{
margin-left: 4px !important;
}
body
{
background-image: url(" /DrivingSchoolArena/images/bg3.jpg");
background-repeat: no-repeat;
background-size: cover;
}

</style>
<body>
<%@include file="/Common/Common_header.html" %>

<%
String msg=(String)request.getAttribute("message");
if(msg!=null){
%>

<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>

<%} %>

<div class="container mt-5" style="margin-bottom: 200px">
<div class="row text-white">
```

```

<div class="col-3 "></div>
<div class="col-5 mt-4">
<div>
<h1 class="text-center ">Trainee Login Frame</h1>
</div>
<form method="post" action="/DrivingSchoolArena/Login_Trainee"
class="needs-validation" novalidate>
<div class="input-group">
<label for="id" class="input-group-text"><i class='fas fa-user-alt'
style='font-size:24px'></i></label>
<input type="text" placeholder="Enter your Id" name="id"
required="required" class="form-control">
<div class="invalid-feedback ">
Please provide your Id
</div>
</div>
<div class="input-group mt-4">
<label for="password" class="input-group-text"><i class='fas fa-lock'
style='font-size:24px'></i></label>
<input type="password" placeholder="Enter your password"
name="password" required="required" class="form-control">
<div class="invalid-feedback ">
Please provide your Password
</div>
</div>
<div class="text-center mt-4 mb-4 " >
<button type="submit" class="btn btn-secondary w-25 "
>Submit</button>

<button type="reset" class="btn btn-secondary w-25 ms-4"
>Reset</button>
</div>
</form>
</div>
</div>
</div>

<script src="/DrivingSchoolArena/Common/validation.js"></script>
<%@include file="/Common/Common_Footer.html" %>

<%@include file="/Common/Common_Js.html" %>

</body>
</html>

```

Trainee View Performance

```
<%@page import="dsa.dao.TraineeDao"%>
<%@page import="dsa.beans.RideLog"%>
<%@page import="java.util.ArrayList"%>
<%@page import="dsa.dao.AdminDao"%>
<%@page import="dsa.beans.Feedback"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%@include file="/admin/adminheader.html" %>

<%
String id=(String)session.getAttribute("traineekey");

TraineeDao dao=new TraineeDao();
    ArrayList<RideLog> list =  dao.viewPerformance(id);

    if(list.size()==0)
    {

        out.println("There is no ride log that's why It's not showing any
performance");
    }

    else{

%>
```

```

<table class="table">
<tbody>
<tr>
<th> Source </th>
<th> Destination </th>
<th> Duration </th>
<th> Performance</th>
<th> VehicleNo </th>
</tr>
<%
for(RideLog c:list)
{
%>

<tr>
<td><%=c.getSource() %></td>
<td><%=c.getDestination()%></td>
<td><%=c.getDuration()%></td>
<td><%=c.getPerformance()%></td>
<td><%=c.getVechileno()%></td>

</tr>

<%} }%>

</tbody>
</table>

<%@include file="/Common/Common_Footer.html" %>
<%@include file="/Common/Common_Js.html" %>

</body>
</html>

```

Trainee View Profile

```
<%@page import="dsa.beans.Admission_Form"%>
<%@page import="dsa.dao.TraineeDao"%>
<%@page import="dsa.beans.Trainer_registration"%>
<%@page import="dsa.dao.TrainerDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>
<style type="text/css">
.boxst:hover
{
color:yellow;
background-color: red;

}

</style>

<meta charset="ISO-8859-1">
<title>Trainee view Profile</title>
</head>
<body>
<%@include file="/trainee/trainee._header.html"%>

<%
String ide1=(String)session.getAttribute("traineekey");

TraineeDao dao=new TraineeDao();

    Admission_Form af=dao.viewProfile1(ide1);

%>

<!-- style="width: 25rem; margin-top: 40%;margin-left: 0px; -->
```

```
<div class="card mx-auto w-50 mt-5" style="border-style: solid;border-color: green" >
  <ul class="list-group list-group-flush">
    <li class="list-group-item boxst " >Name:<%=af.getName() %> </li>
    <li class="list-group-item boxst">Email:<%=af.getEmail() %> </li>
    <li class="list-group-item boxst">Phone number:<%=af.getPhoneno() %> </li>
    <li class="list-group-item boxst">Gender:<%=af.getGender() %> </li>
    <li class="list-group-item boxst">Address:<%=af.getAddress() %> </li>
  </ul>
</div>
```

```
</div>
<div style="height: 200px"></div>

<%@include file="/Common/Common_Footer.html" %>

<%@include file="/Common/Common_Js.html" %>
</body>
</html>
```

Trainer Login

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html"%>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<style>
.div1 {
    margin-left: 4px !important;
}

body {
    background-image: url(" /DrivingSchoolArena/images/bg-5.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
<body>
    <%@include file="/Common/Common_header.html"%>

    <%
        String msg=(String) request.getAttribute("message");

        if(msg!=null){

    %>
<div class="alert alert-warning alert-dismissible fade show"
role="alert">
    <strong><%=msg %></strong>
    <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
</div>
<%} %>

    <div class="container mt-5" style="margin-bottom: 200px">
```



```

        <div class="row " style="font-size: 16px; color: white;">
            <div class="col-3 "></div>
            <div class="col-6 mt-4">
                <div>
                    <h1 class="text-center ">Trainer Login
Frame</h1>
                </div>
                <form class="needs-validation" novalidate
method="post" action="/DrivingSchoolArena/TrainerLogin">
                    <div class="input-group">
                        <label for="id" class="input-group-
text"><i
                                class='fas fa-user-alt'
style='font-size: 24px'></i></label> <input
                                type="text" placeholder="Enter
your Id" name="Id"
                                required="required" class="form-
control">
                                    <div class="invalid-feedback ">Please
provide your Id</div>
                                </div>
                                <div class="input-group mt-4">
                                    <label for="password" class="input-
group-text"><i
                                            class='fas fa-lock' style='font-
size: 24px'></i></label> <input
                                            type="password"
placeholder="Enter your password" name="password"
                                            required="required" class="form-
control">
                                                <div class="invalid-feedback ">Please
provide your Password
                                                </div>
                                            </div>
                                            <div class="text-center ">
                                                <button type="submit"
                                                    class="btn btn-danger w-25 mt-4
mb-4 form-control ">Submit</button>
                                                    <button type="reset" class="btn btn-
danger w-25 ">Reset</button>
                                                <div >
                                                    <!-- <a style="color:blue;margin-left:
40%;" class="bg-warning w-25 form-control"

```

```
href="/DrivingSchoolArena/trainer/forgot_password.jsp"> Forget  
Password ?</a>
```

```
        -->  
        </div>  
    </div>  
</form>  
</div>  
</div>  
</div>
```

```
<script src="/DrivingSchoolArena/Common/validation.js"></script>  
<%@include file="/Common/Common_Footer.html"%>  
  
<%@include file="/Common/Common_Js.html"%>
```

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

Trainer Home Page

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
<style>
body {
    background-image: url("/DrivingSchoolArena/images/bg1.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
</head>
<body>
<%@include file='/trainer/trainerheader.html' %>
<div>
<h1>

</h1>
</div>
<div style="height: 600px"></div>
<%@include file="/Common/Common_Footer.html" %>

<%@include file="/Common/Common_Js.html" %>
<!-- <%@include file="/Common/Common_Css.html" %>
<%@include file='/trainer/trainerheader.html' %> --%>

</body>
</html>
```

Trainer View Profile

```
<%@page import="dsa.beans.Trainer_registration"%>
<%@page import="dsa.dao.TrainerDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<%@include file="/Common/Common_Css.html" %>
<style type="text/css">
.boxst:hover
{
color:yellow;
background-color: red;

}

</style>

<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%@include file='/trainer/trainerheader.html' %>

<%
String id=(String)session.getAttribute("Trainerkey");

TrainerDao dao=new TrainerDao();

    Trainer_registration t=dao.viewProfile(id);

%>

<div style="margin-left: 33%;width:500px;margin-top:20px; border-
style: solid;
    border-color: coral;">
<div class="card mt-5" >
    <ul class="list-group list-group-flush">
        <li class="list-group-item boxst " > Name:<%=t.getName() %></li>
```

```

        <li class="list-group-item boxst">Email:<%=t.getEmail() %></li>
        <li class="list-group-item boxst">Experince:<%=t.getExperince()
%></li>
        <li class="list-group-item boxst">Discription:<%=t.getDiscription()
%></li>
        <li class="list-group-item boxst">Address:<%=t.getAddress()%></li>
    </ul>
</div>
</div>

<div style="height: 200px">

</div>

<%@include file="/Common/Common_Footer.html" %>

<%@include file="/Common/Common_Js.html" %>
</body>
</html>

```

Trainer Ride Log

```
<%@page import="dsa.beans.Admission_Form"%>
<%@page import="dsa.dao.TrainerDao"%>
<%@page import="dsa.beans.Program"%>
<%@page import="java.util.ArrayList"%>
<%@page import="dsa.dao.AdminDao"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<style type="text/css">
body {
    background-image: url("/DrivingSchoolArena/images/pixel.jpg");
    background-repeat: no-repeat;
    background-size: cover;
}
</style>
<%@include file="/Common/Common_Css.html"%>

<meta charset="ISO-8859-1">
<title>Ride Log</title>
</head>
<body>
    <%@include file="/trainer/trainerheader.html"%>

    <%
String trainerid=(String)session.getAttribute("Trainerkey");
TrainerDao dao=new TrainerDao();
//System.out.println("trainerid")
ArrayList<Admission_Form>list=dao.viewtraineeid(trainerid);
%>

    <!-- end view profile code -->

    <div class="container mt-4">
        <div class="row text-light">
            <div class="col-3"></div>
            <div class="col-5 mt-4">
                <h1 class="text-center ">Ride Log</h1>
                <form class="needs-validation" novalidate
method="post">
```

```

        action=" /DrivingSchoolArena/Ride_Log">

        <div class="input-group mt-2">
            <label for="trainer id" class="input-
group-text">Trainer_id</label> <input
                                type="text" value="<%=trainerid
%>"    readonly="readonly"
                                required="required" class="form-
control" name="trainerid">

        </div>
        <div class="input-group mt-2">
            <select class="form-control text-
center" name="traineeid">
                <option value="default">Choose
Trainee</option>
                <%for(Admission_Form tr:list)
                {
                    %>
                    <option
value="<%=tr.getId()%>"><%=tr.getId()%></option>
                    <%} %>
                </select>

        </div>
        <div class="input-group mt-2">
            <label for="source" class="input-
group-text">Source</label> <input
                                type="text" placeholder="please
enter your source"
                                required="required" class="form-
control" name="source">
            <div class="invalid-feedback">Please
enter source</div>
        </div>
        <div class=" input-group mt-2 ">
            <label for="destination" class="input-
group-text ">Destination</label> <input
                                type="text" name="destination"
value="" class="form-control">

```

```

                                <div class="invalid-feedback">Please
enter your destination</div>
                                </div>

```

```

                                <div class="input-group mt-2">
                                <label for="duration" class="input-
group-text">Duration</label> <input
                                type="text" name="duration"
value="" class="form-control">
                                <div class="invalid-feedback">Please
enter your duration</div>
                                </div>

```

```

                                <div class="input-group mt-2">
                                <label for="performance" class="input-
group-text">Performance</label> <input
                                type="text" placeholder="please
enter the performance"
                                required="required" class="form-
control" name="performance">
                                <div class="invalid-feedback">Please
enter the Performance</div>
                                </div>
                                <div class="input-group mt-2">

```

```

                                <label for="Device No" class="input-
group-text">DeviceNo</label> <input
                                type="text" placeholder="please
enter the Device_No"
                                required="required" class="form-
control" name="deviceno">
                                <div class="invalid-feedback">Please
enter the deviceno</div>
                                </div>
                                <div class="input-group mt-2">

```



```

<label for="Vechile No" class="input-
group-text">VehicleNo</label> <input
                                type="text" placeholder="please
enter the vehicle No"
                                required="required" class="form-
control" name="vno">
                                <div class="invalid-feedback">Please
enter the Vechile No</div>

                                </div>
                                <div class="input-group mt-2">
                                <label for="Date" class="input-group-
text">Date</label> <input

                                type="Date" placeholder="please enter the performance"
                                required="required" class="form-
control" name="date">
                                <div class="invalid-feedback">Please
enter the Date</div>

                                </div>

                                <div class="text-center">
                                <button type="submit"
                                class=" btn btn-secondary w-25
mt-4 mb-4 form-control">Submit</button>

                                </div>
                                </form>

                                </div>

                                </div>

                                </div>

```

```
<script src="/DrivingSchoolArena/Common/validation.js"></script>

<%@include file="/Common/Common_Footer.html"%>
<%@include file="/Common/Common_Js.html"%>

</body>
</html>
```

Common Coding Files

Header

```
<style type="text/css">
.nav-Link {
    color: white;
    font-size:20px;
}

.nav-item{

font-size:20px;
}

/* a:Link {
    color: white;
}
*/
/* a:visited
{
color:cyan;

} */
a:hover {
    color: Red !important;
}

a:active {
    color: White !important;
}

.navbar-p {
    box-shadow: 2px 2px 4px #777;
}
</style>

<nav class="navbar navbar-expand-lg navbar-p "
    style="background-color: #585a59;">
    <div class="container-fluid">
        <h1 class="navbar-brand " href="#"
```

```

        style="margin-left: 80px; font-size: 30px">
        DrivingSchoolArena
    </h1>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
        data-bs-target="#navbarSupportedContent"
        aria-controls="navbarSupportedContent" aria-expanded="false"
        aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse " id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0 ">
            <li class="nav-item" style="margin-left: 200px"><a
                class="nav-link active text-light" aria-
current="page"
                href="
/DrivingSchoolArena/jsp/index.jsp">Home</a></li>
            <li class="nav-item"><a class="nav-link text-light"

                href="/DrivingSchoolArena/jsp/Contact_Us.jsp">ContactUs</a></li>

            <li class="nav-item"><a class="nav-link text-light"

                href="/DrivingSchoolArena/jsp/aboutus.jsp">AboutUs</a></li>
            <li class="nav-item">
                <a class="nav-link text-light"
href="/DrivingSchoolArena/jsp/coomonview.jsp">Viewprogram</a>
            </li>

            <li class="nav-item dropdown"><a
                class="nav-link dropdown-toggle text-light" href="#"
role="button"
                data-bs-toggle="dropdown" aria-expanded="false">
                <ul class="dropdown-menu">
                    <li><a class="dropdown-item"

                        href="/DrivingSchoolArena/admin/admin_login.jsp">Admin</a></li>
                    <li><a class="dropdown-item"

```

```

                                href="
/DrivingSchoolArena/trainer/TrainerLogin.jsp">Trainer</a></li>
                                <li><hr class="dropdown-divider"></li>
                                <li><a class="dropdown-item"

href="/DrivingSchoolArena/trainee/trainee_login.jsp">Trainee</a></li>
                                </ul></li>
                                <li class="nav-item dropdown"><a

                                class="nav-link dropdown-toggle text-light" href="#"

                                data-bs-toggle="dropdown" aria-expanded="false">
Online
                                Admission </a>

                                <ul class="dropdown-menu">
                                <li><a class="dropdown-item"

href="/DrivingSchoolArena/trainee/admission_form.jsp">Tranee
                                Admission form</a></li>

                                </ul>
                                <li class="nav-item dropdown"><a

                                class="nav-link dropdown-toggle text-light" href="#"

                                data-bs-toggle="dropdown" aria-expanded="false">
role="button"
                                Rules </a>

                                <ul class="dropdown-menu">
                                <li><a class="dropdown-item"

href="/DrivingSchoolArena/jsp/aboutroadsignals.jsp">Road
                                Signals</a></li>
                                <li><hr class="dropdown-divider"></li>

                                <!-- <li><a class="dropdown-item"
                                href="#">Crossing
                                Rule</a></li> -->

                                </ul>

                                </ul>

                                </div>
                                </div>
</nav>

```

Footer

```
<footer class="bg-body-tertiary text-center me-auto mb-1">
```

```

<!-- Grid container -->
<div class="container p-4 pb-0">
  <!-- Section: Social media -->
  <section class="mb-4">
    <!-- Facebook -->
    <a
      data-mdb-ripple-init
      class="btn text-white btn-floating m-1"
      style="background-color: #3b5998;"
      href="https://www.facebook.com/"
      role="button"
      ><i class="fab fa-facebook-f"></i>
    </a>

    <!-- Twitter -->
    <!-- <a
      data-mdb-ripple-init
      class="btn text-white btn-floating m-1"
      style="background-color: #55acee;"
      href="#"
      role="button"
      ><i class="fab fa-twitter"></i>
    </a> -->

    <!-- Google -->
    <a
      data-mdb-ripple-init
      class="btn text-white btn-floating m-1"
      style="background-color: #dd4b39;"
      href="https://mail.google.com/mail/"
      role="button"
      ><i class="fab fa-google"></i>
    </a>

    <!-- Instagram -->
    <a
      data-mdb-ripple-init
      class="btn text-white btn-floating m-1"
      style="background-color: #ac2bac;"
      href="https://www.instagram.com/"
      role="button"
      ><i class="fab fa-instagram"></i>
    </a>

    <!-- Linkedin -->
    <a
      data-mdb-ripple-init
      class="btn text-white btn-floating m-1"

```

```

        style="background-color: #0082ca;"
        href="https://www.linkedin.com/"
        role="button"
      ><i class="fab fa-linkedin-in"></i>
    </a>

<!-- Github -->
    <!-- <a
        data-mdb-ripple-init
        class="btn text-white btn-floating m-1"
        style="background-color: #333333;"
        href="#"
        role="button"
      ><i class="fab fa-github"></i>
    </a> -->
  </section>
<!-- Section: Social media -->
</div>
<!-- Grid container -->

<!-- Copyright -->
<div class="text-center p-3" style="background-color: rgba(0, 0, 0, 0.05);">

  <p class="" > 2024 Copyright: Driving School Arena </p>
  <p class=""> Created by Pragyan Raj</p>
</div>
<!-- Copyright -->
</footer>

```

TESTING

Testing Methodology:

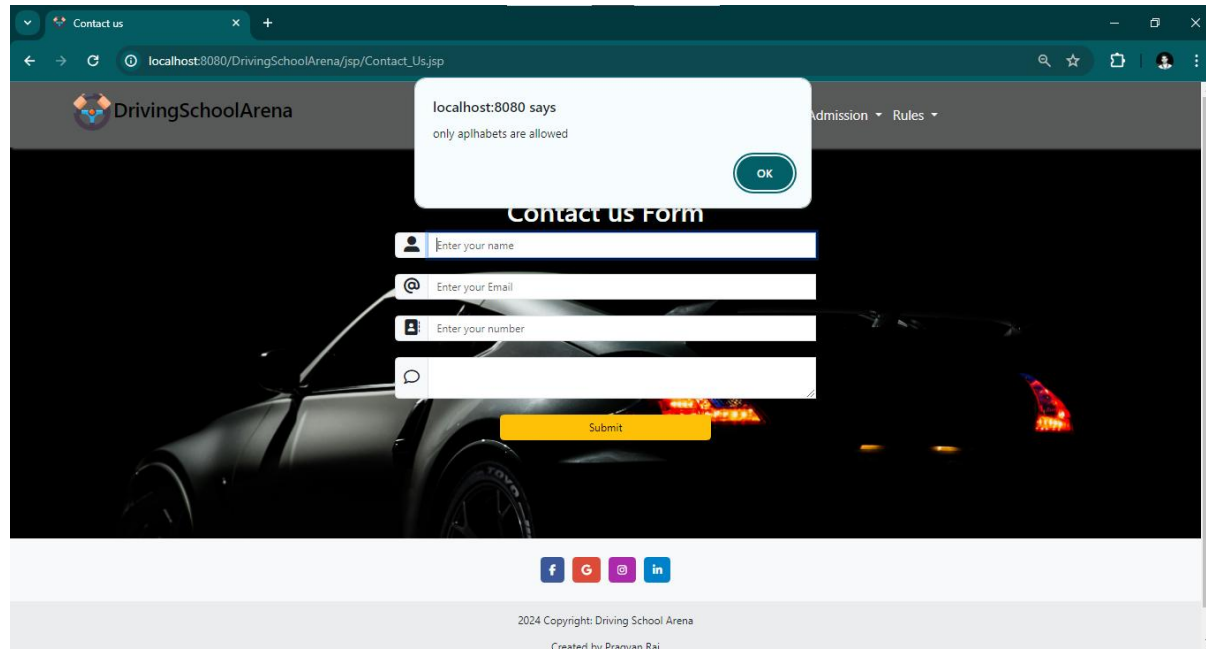
This module is tested by the following testing methods

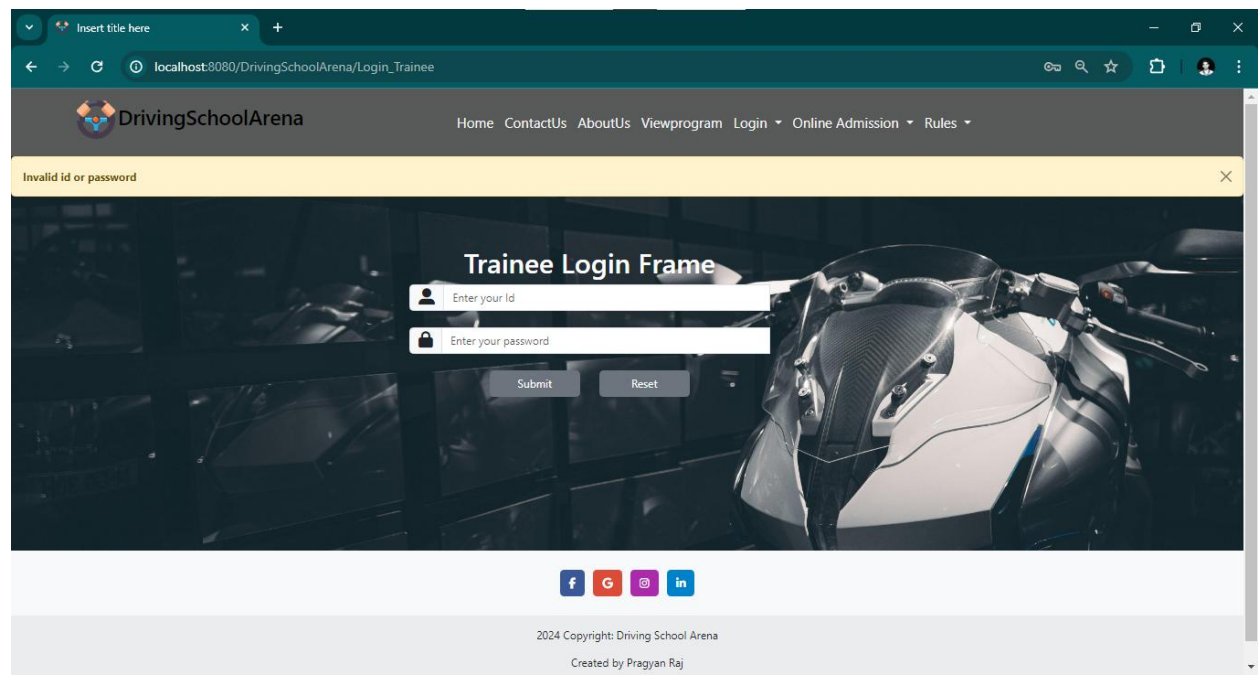
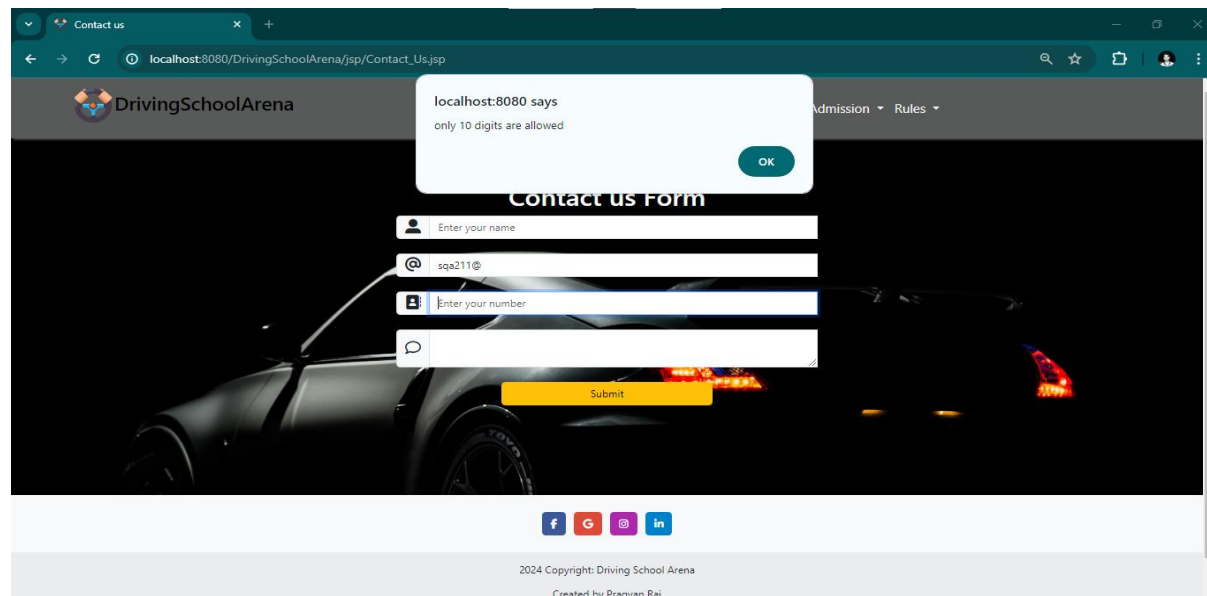
- Unit Testing

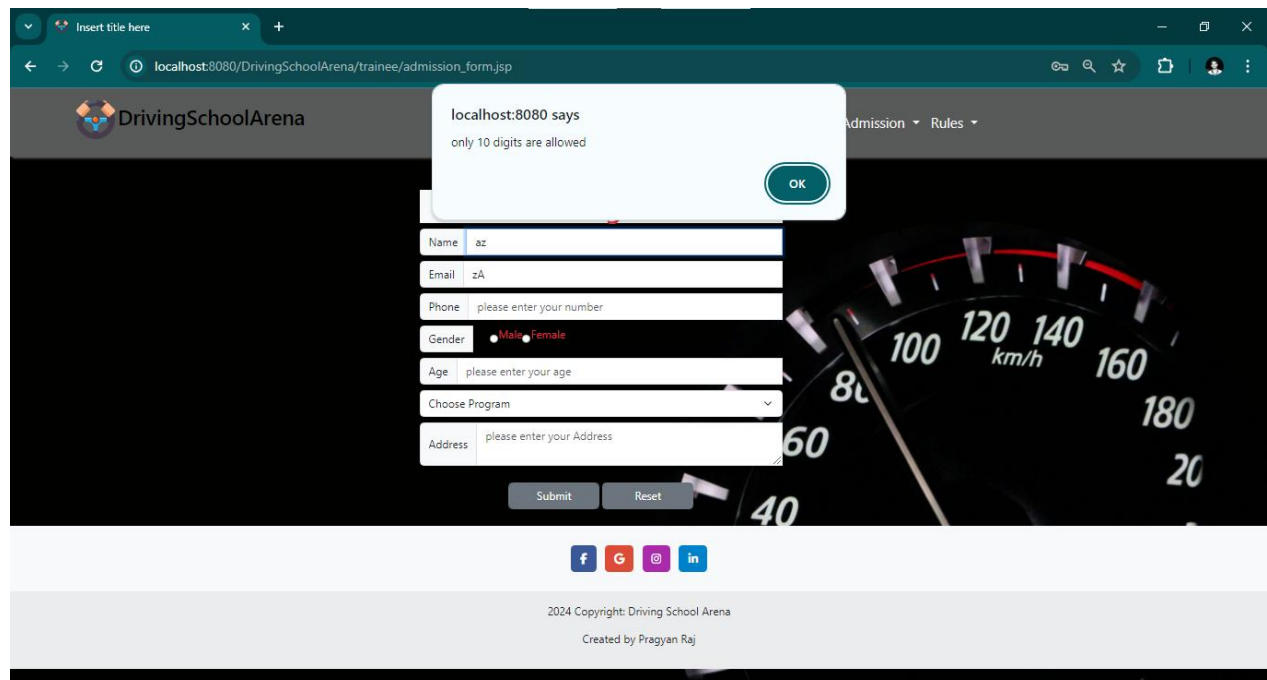
Unit Testing:-

- ▶ Unit testing is a procedure used to validate that individual units of source code are working properly. A unit is the smallest testable part of an application. In procedural programming, a unit may be an individual program, function, procedure, etc., while in object-oriented programming, the smallest unit is a method, which may belong to a base/super class, abstract class, or derived/child class.
- ▶ Ideally, each test case is independent from the others; mock or fake objects as well as test harnesses can be used to assist in testing a module in isolation. Unit testing is typically done by software developers to ensure that the code they have written meets software requirements and behaves as the developer intended.
- ▶ Unit testing provides a sort of living documentation of the system. Developers looking to learn what functionality is provided by a unit and how to use it can look at the unit tests to gain a basic understanding of the unit API.
- ▶ Unit test cases embody characteristics that are critical to the success of the unit. These characteristics can indicate appropriate/inappropriate use of a unit as well as negative behaviours that are to be trapped by the unit. A unit test case, in and of itself, documents these critical characteristics, although many software development environments do not rely solely upon code to document the product in development.
- ▶ On the other hand, ordinary narrative documentation is more susceptible to drifting from the implementation of the program and will thus become outdated (e.g. design changes, feature creep, relaxed practices to keep documents up to date).

Testing Screen shots:







LIMITATION AND FUTURE SCOPE

The Portal provides the details of the driving school and its services. In the future, it can also provide online servicing requests for vehicles and offer discounts to its trainees. Old vehicle selling can also be added to this portal.

CONCLUSION

Getting trained from an experienced instructor is a boon in driving field because doing driving is not a piece of cake. How to be patient in traffic Jam, how to follow signals all traffic rules what precautions should we take at the time. What thing we keep in mind all these things are very clearly explained here.

Driving skills helps to reduce the overall risk of road accidents in many ways. The best driving practises are advised to drivers on the road and poor behaviour habits removed. Driving skills ensure proper knowledge that nullifies any unwanted incidents. Driving is a skill for everyone.

GLOSSARY

Term	Explanation
API	Application Programming Interface a software intermediary that allows two applications to talk to each other.
RDBMS	RDBMS is a type of database management system that stores data in a row-based table structure which connects related data elements.
http	HTTP is a protocol for fetching resources such as HTML documents.
DFD	Data flow diagrams provide the movement of information through a system.
ERD	ER diagram typically consists of entities, attributes and relationships
JSP	JSP stands for Java Server Pages. It is a server-side technology which is used for creating web applications
DAO	Data Access Object pattern is a structural pattern that allows us to isolate the application/business layer from the persistence layer using an abstract API
SRS	A software requirements specification is a detailed description of a software system to be developed with its functional and non-functional requirements.
Ajax	Ajax enables a web application user to interact with a web page without the interruption of constant web page reloading.
URL	A URL (Uniform Resource Locator) is a unique identifier used to locate a resource on the Internet.
SDLC	The software development lifecycle (SDLC) is the cost-effective and time-efficient process that development teams use to design and build high-quality software.

BIBLIOGRAPHY

We have used multiple references to gather the necessary information to create our web portal called 'Driving School Arena'. Our primary objective was to ensure its relevance and usefulness as a platform that caters to driving needs. We carefully crafted this portal under the guidance of our project guide Dr. Swasti Agrawal. We have attached all the sources that we used for the successful implementation of the web portal. These sources have enabled us to make the web portal fully operational and running smoothly.

Driving School web portal references: -

- <https://balajidrivingschool.com/>
- <https://www.marutisuzukidrivingschool.com/>
- <https://mandeepmotordrivingschool.com/>
- <https://angelmotordrivingschool.com/>
- <https://getbootstrap.com>
- <https://mdbootstrap.com>
- <https://freepik.com>