

# Transportation Website [Kulswamini Roadliness]

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**Abstract-** This project aims at providing quick service to the customer for getting their vehicle at doorstep . It is a website for small scale transportation company which provides basic information about the company and allows the customer book their vehicle for transferring the cargo from source to the destination. the website provides a form where the customer enters the basic info bout the cargo and its destination and hence booking it.

**Keywords-** Transportation website ,Kulswamini Roadlines , Dynamic Database Management , Internet of things.

## I. INTRODUCTION

Before computerized transportation System came into practice, it was difficult to keep proper records of the daily activities of goods service, good keeper information, and maintain schedule of the vehicles, and how the transportation is going on. Logistic website is a platform where the information of all vehicles their consignment movements and tracking are managed and display to the customer. It helps in monitoring and controlling the logistics daily transactions, as well as their performance. It also helps to address the critical requirements of the customers. In our project , we have basically created the logistic website for the small scale company of transportation i.e. this website provides information of the services offered by the company as well as allows the customers to book their convince Where this website developed with the help of basic languages and In this information we have inserted the data such as about us of the Kulswamini Roadlines, our services, portfolio, booking, contact us, and many more essential things related to the website. website have used platforms like html, cuss, jquery, Javascript and bootstrap.

Here the data is arranged properly by which its updating will be easier in future as the requirement or demand bootstrap class code.

The website which is developed with some ideas and reusability that may help some people to cargo their materials by simply entering little information about their products and get acquainted by the services of the company by navigating through the site. In this website we have complete the. The website also contains a administration panel where they can

view the orders but only entering the user id and login password provided to them. if the entered information is not valid they won't be able to log in and view the orders. The orders are displayed the tabular format and in that the administrator can delete and confirm the order the using the number entered by the user while filling the form. The data which is displayed over here is retrieved from the booking form which is present in the user panel. The confirmation is dependent on the administrator whether he wants to confirm it or not. Using the email address or the mobile number the customer will receive a call of confirmation. The website also contains a pages submenu where the customer can get more familiar with the company.

## II. TOOLS RELATED TOWEB DESIGN

We have used different types of languages for developing the website by deciding its future scope with attractive ideas and best designing such as: **HTML, CSS, Bootstrap, JavaScript, jQuery.**

### HTML Language:

(HTML) Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. Web browsers receive HTML documents from a web server or from local storage and render the documents in to multimedia webpages. HTML describes the structure of a webpage semantically and originally included cues for the appearance of the document.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded in to the rendered page. HTML provide same ans to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by tags, written using angle brackets.

Tags such as <img/> and <input/> directly introduce content in to the page. Other tags such as <p> HTML tags label pieces of content such as "heading", "paragraph", "table", and soon surround and provide information about document text and may include other tags as sub elements. Browsers do not display the HTML tags, but use them to interpret the

content of the page. HTML can embed programs written in a scripting language such as Java Script, which affects the behavior and content of webpages. It is used to create electronic documents (called pages) that are displayed on the World Wide Web. Each page contains a series of connections to other pages called hyperlinks. Every web page you see on the Internet is written using one version of HTML code or another.

HTML websites are easier to read and accessed by web crawlers and hence reduces parsing time and the page load time of the website hence improving its performance.

### **CSS language:**

(CSS) Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a corner stone technology of the World Wide Web, along side HTML and Java Script. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple webpages to share formatting by specifying the relevant CSS in a separate.css file, and reduce complexity and repetition in the structural content. CSS is used to define styles for your web pages, including the design, layout and variations in display for different devices and screen sizes. When tags like <font>, and color attributes were added to the HTML 3.2 specification, it started a nightmare for web developers. Development of large websites, where fonts and color information were added to every single page, became along and expensive process. To solve this problem, the World Wide Web Consortium (W3C) created CSS. More importantly, CSS enables you to do this independent of the HTML that makes up each webpage. CSS is easy to learn and understood but it provides powerful control over the presentation of an HTML document. CSS removed the style formatting from the HTML page! CSS is the language for describing the presentation of Webpages, including colors, layout, and fonts. It allows one to adapt the presentation to different types of devices, such as large screens, small screens, or printers. CSS is independent of HTML and can be used with any XML-based markup language.

### **JQuery Language:**

JQuery is a Java Script library designed to simplify HTML DOM tree traversal and manipulation, as well as event handling, CSS animation, and Ajax. It is free, open source software using the permissive MIT License. JQuery also

provides capabilities for developers to create plugins on top of the Java Script library. This enables developers to create abstractions for low level interaction and animation, advanced effects and high level, theme able widgets. The modular approach to the jQuery library allows the creation of powerful dynamic web pages and Web applications. JQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code. It normalizes the differences between web browsers so that you don't have to. It is intentionally a lightweight footprint with a simple yet clever plug-in architecture. JQuery is a JavaScript library created to make it easier and simpler to write JavaScript and HTML. The actual purpose of jQuery is to make it much easier to use JavaScript on your website. It makes things like HTML document traversal and manipulation, event handling, animation, etc.

### **JavaScript:**

JavaScript often abbreviated as JS, is an interpreted programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object orientation, and first-class functions. Along side HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications. The vast majority of websites use it for client-side page behavior, and all major web browsers have a dedicated JavaScript engine to execute it. As a multi-paradigm language, JavaScript supports event-driven, functional, and imperative programming styles. It has application programming interfaces (APIs) for working with text, dates, regular expressions, standard data structures, and the Document Object Model. However, the language itself does not include any input/output, such as networking, storage, or graphics facilities, as the host environment (usually a web browser) provides those APIs. Originally used only in web browsers, JavaScript engines are also now embedded in server side website deployments and non-browser applications. Although there are similarities between JavaScript and Java, including language name, syntax, and respective standard libraries, the two languages are distinct and differ greatly in design.

## **III. SYSTEM DEVELOPMENT**

In this website we have used platforms like html, cuss, jquery, Javascript and bootstrap.

In website there are tabs and modules like home, about us, services, booking, pages, contact us.

Some tab has its own drop-down menu in which related data is present and by clicking on them pages will be directed to that page/module. Arranging data in menu and drop-down menu format was very efficient to encapsulate data in very good manner.

The home tab displays the overall information about the company including the states where they work, total customer served, why to choose them etc. In this tab there is the complete information about Kulswamini Roadlines that what is the company about, why it is used, what is the aim and objectives of this company?

In About us there is the overview of the company for any new visitor to the site including why they work, where they work etc.

The next tab is of Services where this tab provides different types of services related to the website or available in that company such as land transport, states they work and many more.

In the pages tab it has sub menus to select the any particular page, where each page contain its own information.

In this website there is a page called booking where it contains a form through which the customer enters details of him/herself as well as information about the product from the source to destination. The form contains fields like name where the customer can enter his/her name. phone number to fill their contact number, current date in order to keep the track of the product, a field called content detail where the customer is expected to fill what type of content they want to transport. There are two fields for the pickup address and drop address as well.

All this information is stored and based on these the vehicle is allocated to the customer's product by the administrator. All this data is sent to the administrator panel so as to view the information and confirm it.

The website also contains a administration panel where they can view the orders but only entering the user id and login password provided to them .if the entered information is not valid they won't be able to log in and view the orders. The orders are displayed the tabular entered by the user while filling the form. The data which is displayed over here is retrieved format and in that the administrator can delete and confirm the order the using the number entered by the user

while filling the form. The data which is displayed over here is retrieved from the booking form which is present in the user panel. The confirmation is dependent on the administrator whether he wants to confirm it or not. Using the email address or the mobile number the customer will receive a call of confirmation. The website also contains a pages submenu where the customer can get more familiar with the company.

Next tab after it is the contact us, in this tab there is all information of the company is given by which user can contact the institute/company. We any new user what to visit a company then he/she can go the contact us contents communicate with and visit it through the address provided over there . This will also redirect page to the footer where data is also present in footer with contact number and email address of the company through which user can contact the institute.

We can also contact to the Kulswamini Roadlines website through social media app such as Face book, Instagram, Linked in or Twitter by clicking on the symbol or link other app which given in the footer.

### **Functionality Specification:**

#### **User:**

Home, About us, Services, Booking, Pages ,Contact

#### **Admin:**

Sr. No, Name, Phone Number, Message, E-mail address Pickup location, Drop location, Date of order ,Delete, Send message.

#### **Advantage**

- 1) Time saving.
- 2) Online application.
- 3) User friendly
- 4) Faster response to both marketers and the end user.
- 5) Increased ability to measure and collect data.
- 6) Increased interactivity.
- 7) Easy comparison with others

#### **Disadvantage**

- 1) Internet connection needed.
- 2) Only cash payment is allowing.

## **IV. APPLICATIONS**

**Web-based applications:**

While demand for bandwidth-intensive content is increasing, many enterprises lack the technical flexibility and scalability needed for fast content distribution and a quality user experience. Organizations often are unprepared to manage spikes in demand, whether event-driven or seasonal. Content Distribution Network solutions from AT&T deliver rich, engaging content demanded by end users with the speed and performance they expect.

**Search Application:**

A content delivery network (CDN), sometimes referred to as a content distribution network, is a group of servers hosted at various physical locations that work together to delivery and distribute content through multiple servers instead of a single one. This allows a website or client to access a copy of the original data stored on the server closest to them instead of forcing all clients to access the same central server.

**V. CONCLUSION**

In our project we have updated a website for Mr. Sandeep Mahajan of "Kulswamini Roadlines" for their company. For creating this website we have used different scripting and programming languages like HTML, CSS, JS, JQuery and Bootstrap. By using these languages, we learned the actual implementation of these languages and we learned how to apply this language in real life i.e. we learned real time applications of languages. Making one responsive website takes considerably less time than making a stand-alone mobile application in addition to a standard desktop website. Since time is money, responsive design naturally costs less than the alternative. A responsive and optimized mobile site provides a much better user experience for the visitor. Therefore, it is much more likely that they'll stick around for a longer period of time and explore different areas of your site. Alternatively, if your site isn't responsive, it is much harder to keep the visitor engaged and therefore more likely that they'll bounce that means that there will be fewer viewers of your website.

**VI. FUTURE SCOPE**

In future this website can get updated as per the requirement of the user. In the future we can add GPS location tracking option in our project which will help our customers to know the exact location of their cargo and it will be also helpful for the company to predict the exact delivery date and time. We can add online banking or bill system option in our project that will help customers to pay bills from

anywhere anytime and it will be the effortless and time saving for customers and the company department. We can also add Chabot system to solve the queries of the customers online. This website also helps in tracking and delivery of goods. It drives economic growth, allowing count rise to trade goods and communities to connect with one another.

**REFERENCES**

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