

PD SERVER
ONLINE TAXI BOOKING SYSTEM

Create by,

M. Pawan Dananjaya Lakshan

RAT/IT/2022/F/0010

Department of Information Technology

Advanced Technical Institute Rathnapura

February 9, 2024

Acknowledgement

I would like to express my sincere gratitude to everyone who contributed to the successful completion of this institute project. Their support, guidance, and encouragement played a significant role in making this project a reality.

First and foremost, I would like to extend my heartfelt thanks to Mr.Thilina sir & Mr. Yasitha Disanayaka sir & Mr.Chamal sir whose valuable insights and mentorship were instrumental in shaping the direction of this project. I am truly grateful for his expertise, patience, and continuous support throughout the research and development process.

I would also like to acknowledge the ATI - SLIATE for providing the necessary resources and facilities that enabled the smooth execution of the project. The access to IT Lab greatly enhanced the quality of our work.

Special thanks are due to my colleagues and classmates who offered their assistance, shared their knowledge, and provided constructive feedback. Working collaboratively with such a dedicated and talented group of individuals was a privilege, and I am grateful for the camaraderie that developed during the course of this project.

Lastly, I want to thank my family and friends for their unwavering encouragement and understanding during the challenging phases of this project. Their support was my pillar of strength.

This project would not have been possible without the collective efforts of these individuals and institutions. Thank you all for your invaluable contributions.

Table of content

I.	Introduction	
II.	Technology adapted	
III.	Design	
IV.	Conclusion & Further work	
V.	Reference	
VI.	Appendices	

CHAPTER 1

1.1 Introduction.....	1
1.2 Major areas of online Taxis & Motivation.....	1
1.3 Aim and objectives.....	1

CHAPTER 2

2.1 Selection of tools and softwares.....	2
• CSS.....	2
• Html.....	3
• JavaScript.....	4
• MS word.....	4
• Vs code.....	5

CHAPTER 3

3.1 Wireframe.....	6
--------------------	---

CHAPTER 4

4.1 Summary of Achievements.....	7
4.2 Challenges & Limitations.....	7

CHAPTER 5

5.1 References.....	8
5.2 Appendices.....	8
Home Page.....	8
Business page.....	9
About Page.....	9
Help Page.....	10
Login Page.....	10
Translator.....	11
Link.....	11
Customer supporter page.....	11

List of Figures

	page
Figure 2.1 : Example for CSS code.....	2
Figure 2.2 : Example for HTML code.....	3
Figure 2.3 : Example for JS code.....	4
Figure 2.4 : Example for MS word.....	4
Figure 2.5 : Example for VS code Software.....	5
Figure 3.1 : Example for Home page wire frame.....	6
Figure 5.1 : Home Page.....	8
Figure 5.2 : How to use to your business.....	9
Figure 5.3 : About Taxi service page.....	9
Figure 5.4 : How to use page.....	10
Figure 5.5 : Log In Page.....	10
Figure 5.6 : Language Translator.....	11
Figure 5.7 : Social Media.....	11
Figure 5.8 : Customer support page.....	11

CHAPTER 1

INTRODUCTION

1.1 Introduction

I try to make a online taxi booking system without using any application, For village's peoples. I try to make it, easy to use and attraction interface with support to low level internet connection (2G, 3G). That's only have simple html, CSS and small java script path for Translator in the page. This page is support to low level android version & any kind of windows and apple.

1.2 Major Areas of Online Taxi & Motivation

In Sri Lanka have lot of Online taxi booking platforms but they are still using applications for their work & Anyone using these applications need high speed internet to use It (To loading application's animation) & These application required android version ("lollipop" or greater). So I made this web page. That's very suitable for all persons.

1.3 Aim and Objectives

You can use this website easily and this is very suitable for any suitable device (smart phone , computer) any place with low level internet connection and you can also doing your business via this side and also you can book vehicle earlier you want.

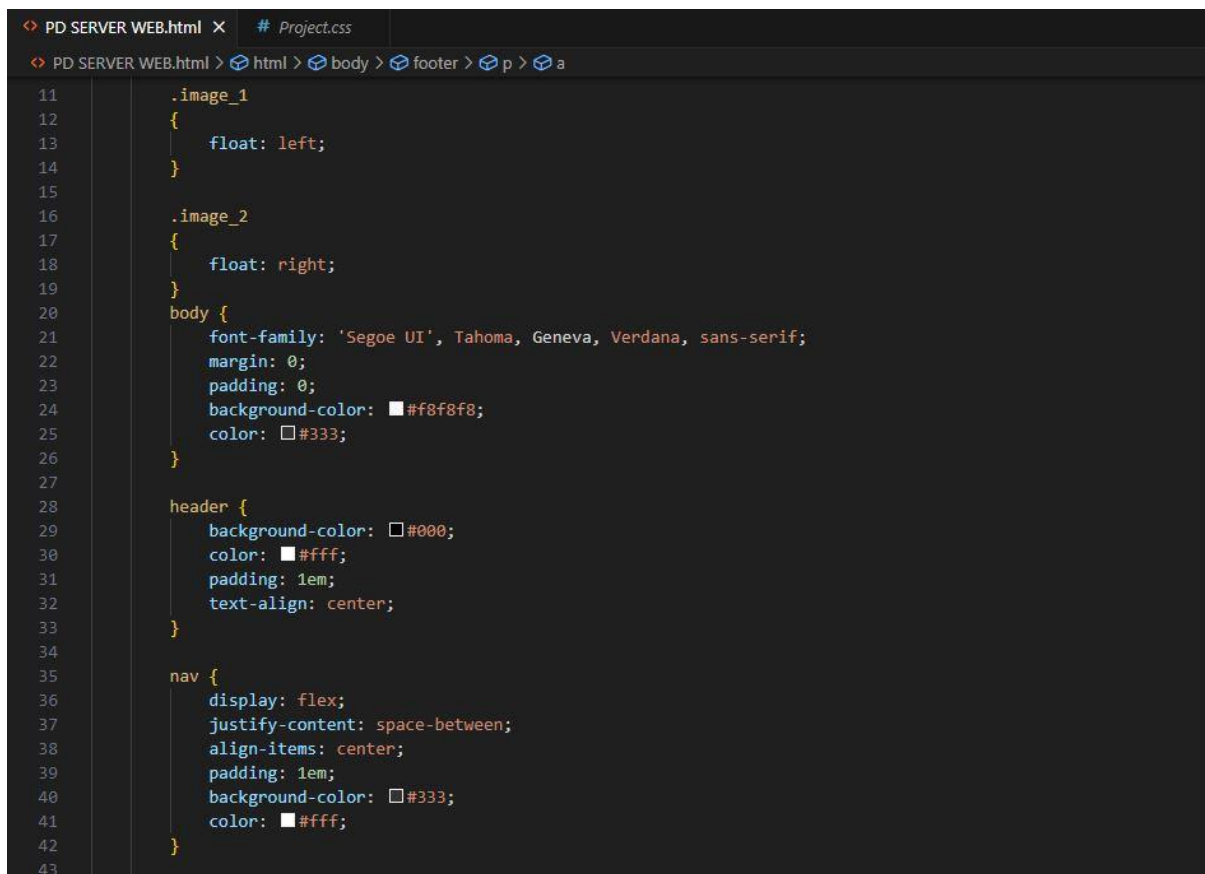
CHAPTER 2

TECHNOLOGY ADAPTED

2.1 Selection of tools and softwares

- CSS – (Cascading Style Sheets)

CSS is used to style and layout web pages — for example, to alter the font, color, size, and spacing of your content, split it into multiple columns, or add animations and other decorative features.

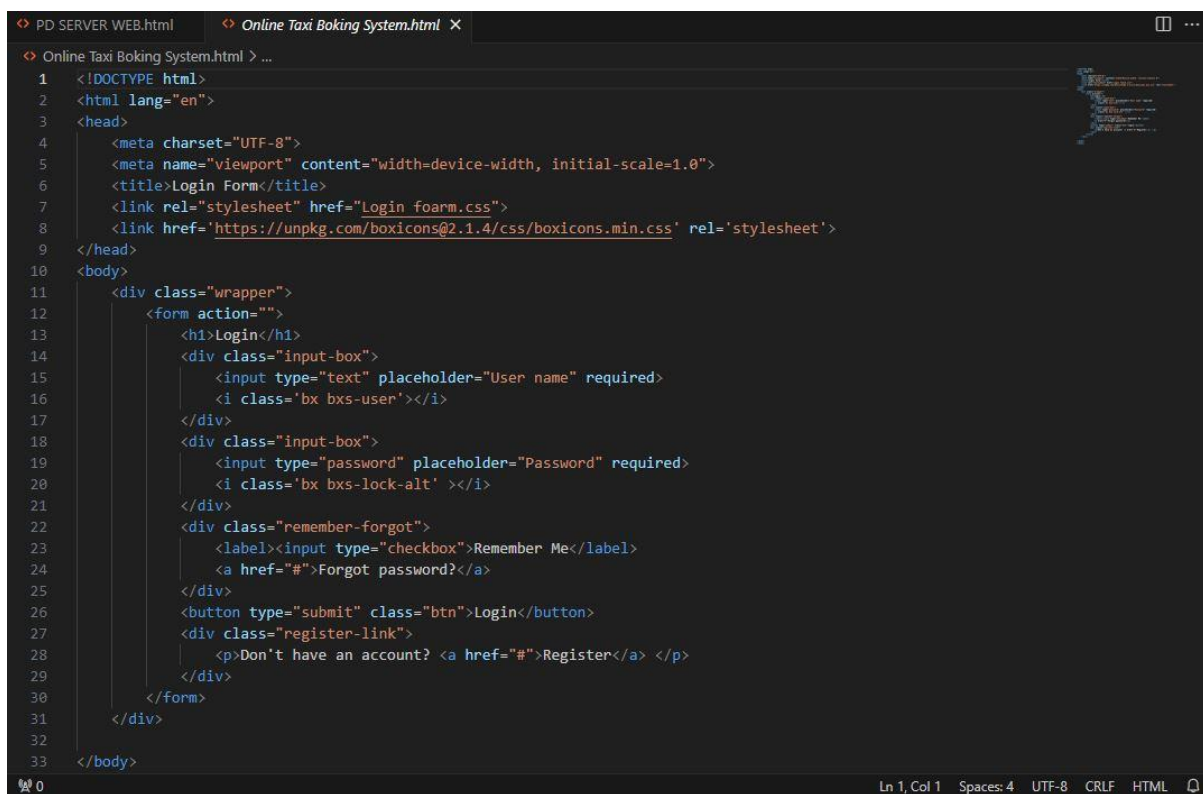


```
11 .image_1
12 {
13     float: left;
14 }
15
16 .image_2
17 {
18     float: right;
19 }
20
21 body {
22     font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
23     margin: 0;
24     padding: 0;
25     background-color: #f8f8f8;
26     color: #333;
27 }
28
29 header {
30     background-color: #000;
31     color: #fff;
32     padding: 1em;
33     text-align: center;
34 }
35
36 nav {
37     display: flex;
38     justify-content: space-between;
39     align-items: center;
40     padding: 1em;
41     background-color: #333;
42     color: #fff;
43 }
```

2.1 Example for CSS code

- HTML – (Hypertext markup language)

HTML is the code that is used to structure a web page and its content. For example, content could be structured within a set of paragraphs, a list of bulleted points, or using images and data tables.



```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Login Form</title>
7      <link rel="stylesheet" href="Login foarm.css">
8      <link href='https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css' rel='stylesheet'>
9  </head>
10 <body>
11     <div class="wrapper">
12         <form action="">
13             <h1>Login</h1>
14             <div class="input-box">
15                 <input type="text" placeholder="User name" required>
16                 <i class='bx bxs-user'></i>
17             </div>
18             <div class="input-box">
19                 <input type="password" placeholder="Password" required>
20                 <i class='bx bxs-lock-alt'></i>
21             </div>
22             <div class="remember-forgot">
23                 <label><input type="checkbox">Remember Me</label>
24                 <a href="#">Forgot password?</a>
25             </div>
26             <button type="submit" class="btn">Login</button>
27             <div class="register-link">
28                 <p>Don't have an account? <a href="#">Register</a> </p>
29             </div>
30         </form>
31     </div>
32 </body>
33 </html>

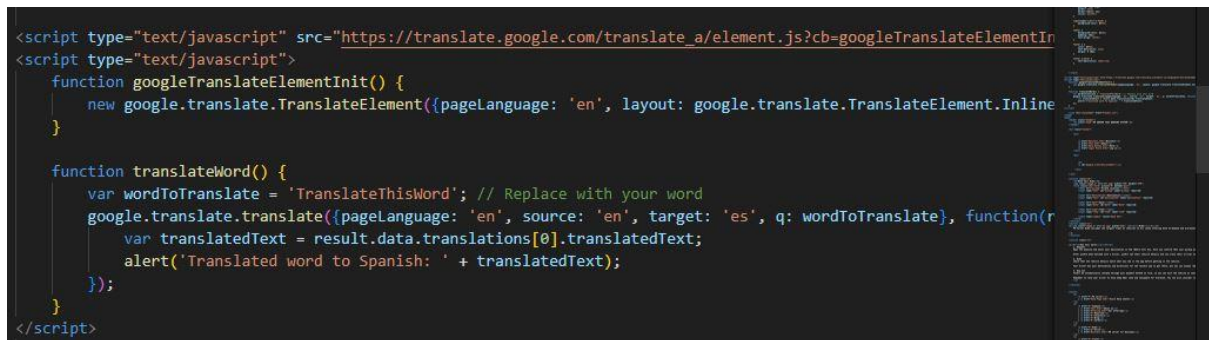
```

2.2 Example for html code

- Google sites

- Java script

JavaScript (JS) is a cross-platform, object-oriented programming language used by developers to make web pages interactive. It allows developers to create dynamically updating content, use animations, pop-up menus, clickable buttons, control multimedia, etc.

A screenshot of a code editor showing JavaScript code for integrating Google Translate. The code includes a script tag with a source URL, a function to initialize the Google Translate element, and a function to translate a word. The code is as follows:

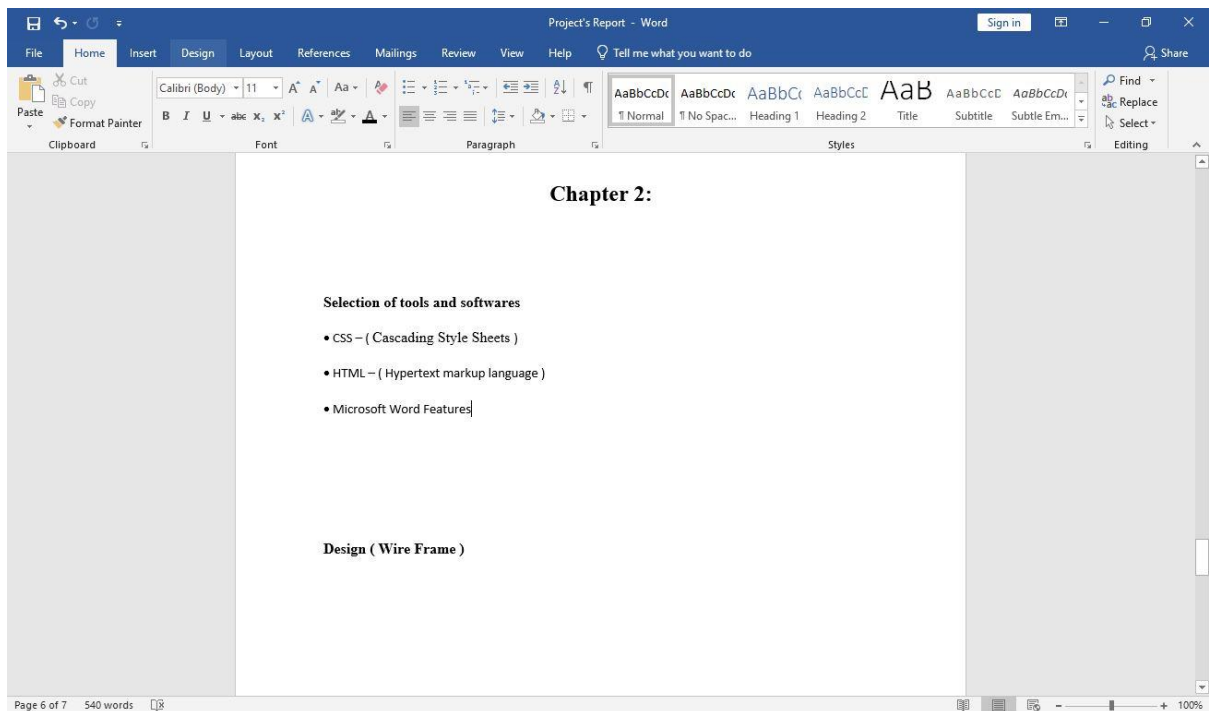
```
<script type="text/javascript" src="https://translate.google.com/translate_a/element.js?cb=googleTranslateElementInit"></script>
<script type="text/javascript">
  function googleTranslateElementInit() {
    new google.translate.TranslateElement({pageLanguage: 'en', layout: google.translate.TranslateElement.InlineLayout.Floating}, document.getElementById('google_translate_element'));
  }

  function translateWord() {
    var wordToTranslate = 'TranslateThisWord'; // Replace with your word
    google.translate.translate({pageLanguage: 'en', source: 'en', target: 'es', q: wordToTranslate}, function(result) {
      var translatedText = result.data.translations[0].translatedText;
      alert('Translated word to Spanish: ' + translatedText);
    });
  }
</script>
```

2.3 Example for JS code

- Microsoft Word Features

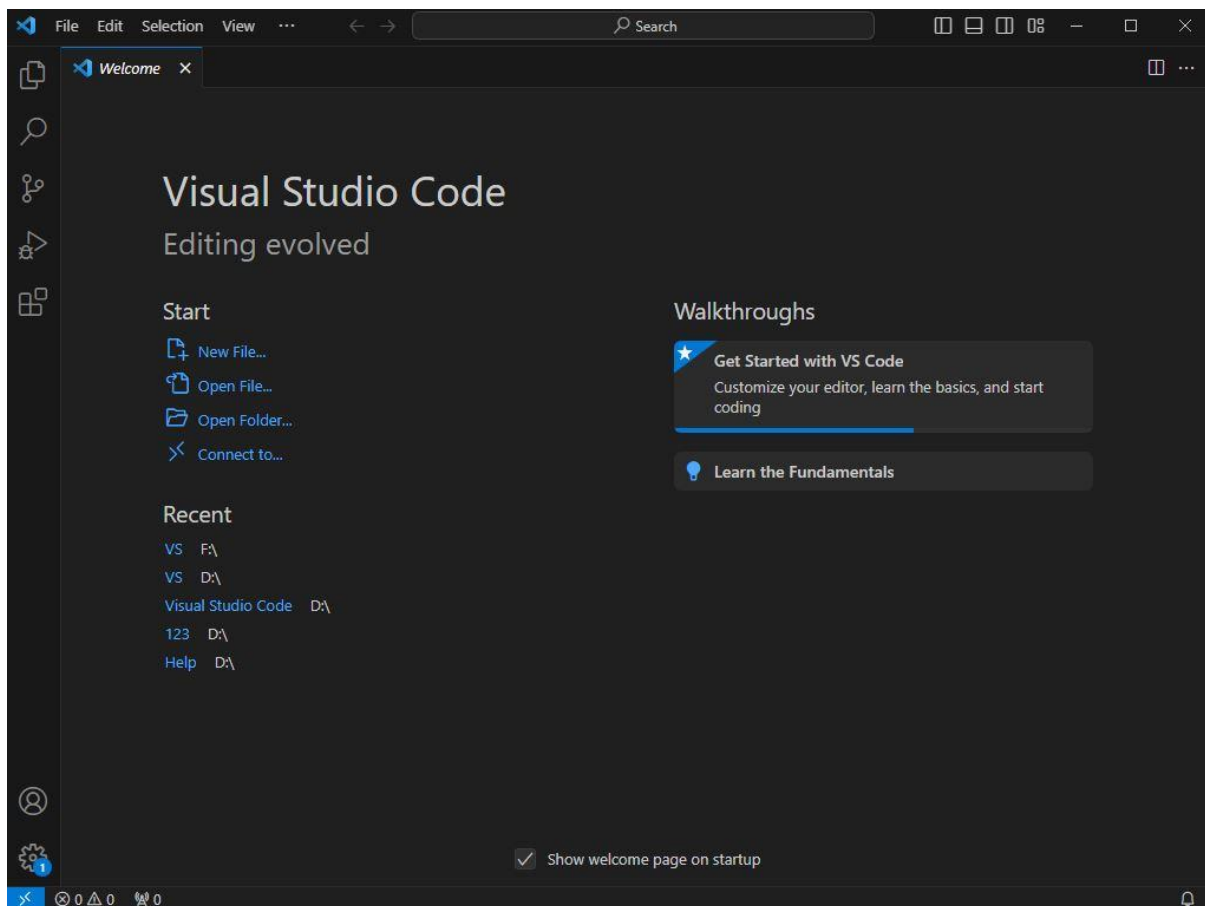
Used to make professional-quality documents, letters, reports, etc., MS Word is a word processor developed by Microsoft. It has advanced features which allow you to format and edit your files and documents in the best possible way.



2.4 Microsoft word

- Visual studio code

Visual Studio Code is a streamlined code editor with support for development operations like debugging, task running, and version control. It aims to provide just the tools a developer needs for a quick code-build-debug cycle and leaves more complex workflows to fuller featured IDEs, such as Visual Studio IDE.



2.5 Vs code software

CHAPTER 3

DESIGN

3.1 Design (Wire Frame)

PD SERVER TAXI BOOKING SYSTEM

Business

About

Help

Log

☒ LNG Translator

Book Your Ride



Pickup location

Destination

Date

Time

Book

Ride

Ride content

How work

Work content

F

W

Y

OTHERS

OTHERS

OTHERS

3.1 Home page wire frame

CHAPTER 4

CONCLUSION & FURTHER WORK

4.1 Summary of Achievements

- **User-Friendly Design:** Created an easy-to-use interface for a seamless booking experience.
- **Feedback System:** Introduced a rating system to improve service quality.
- **Responsive Design:** Ensured the website works well on various devices.
- **Multi-Language Support:** Made the platform accessible to a diverse audience.
- **Performance Optimization:** Enhanced website speed and reliability for a smoother experience.

4.2 Challenges & Limitations

- **Real-Time Tracking:** Implemented live tracking for users to monitor their taxi's location.
- **Secure Payments:** Enabled secure and hassle-free online payment options.
- **Automated Notifications:** Set up automated alerts for booking confirmations and arrivals.
- **Data Security:** Implemented measures to safeguard user information.

CHAPTER 5

Reference & Appendices

5.1 References

Chat GPT : For Generate Translator For The Home Page with Java script.

You Tube : Channel - Codehal (Login Page)

Link = https://youtu.be/hlwIM4a5rxg?si=7EMQN5Q_XNo8qLv0


5.2 Appendices

Home page – It's have booking features and small introduction how to use taxis and about our taxi service. This page have buttons to other page.

PD SERVER TAXI BOOKING SYSTEM

Business About Help Log in

Book Your Ride



Pickup Location:


Destination:

Date:

Time:

Ride

PD Server Ride includes the largest fleet of vehicles in Sri Lanka offering both on-demand and pre-booking features at the best rates, including TUK – TUK's Flex, Minis, Cars, Minivans and Vans offering you comfort, convenience and safety, covering the entire island nation.

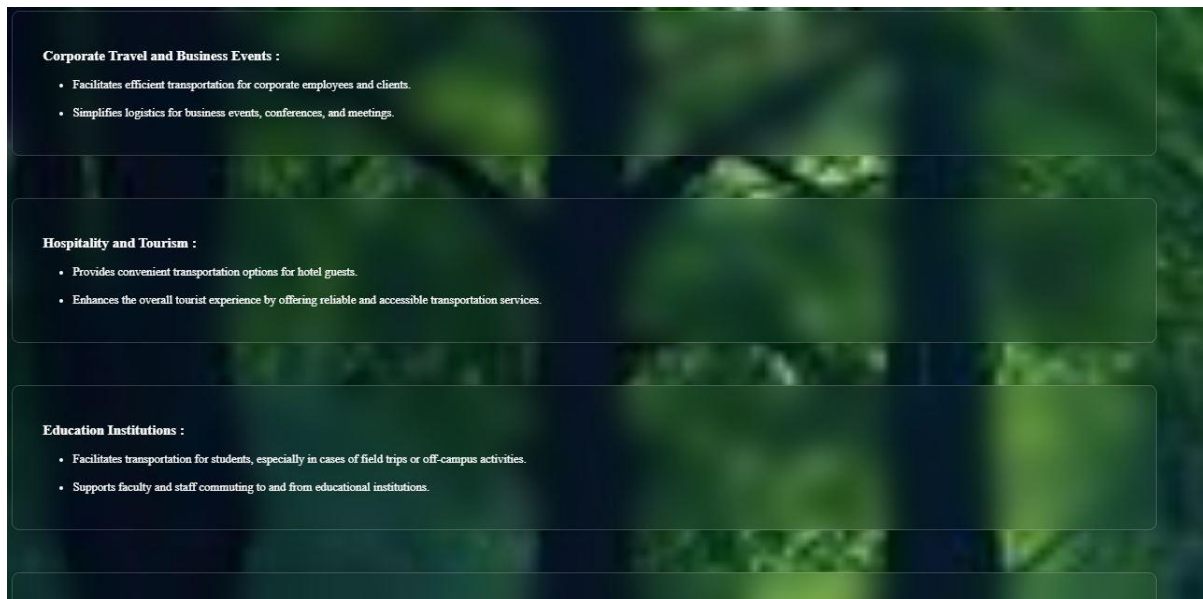


How Taxi works:

1. Request Open the website and enter your destination in the "Where to?" box. Once you confirm that your pickup and destination addresses are correct, enter the time you want to book taxi then select Taxi. After you've been matched with a driver, you'll see their vehicle details and can track their arrival on the map.
2. Ride Check that the vehicle details match what you see in the app before getting in the vehicle. Your driver has your destination and directions for the fastest way to get there, but you can always request a specific route.
3. Hop out You'll be automatically charged through your payment method on file, so you can exit the vehicle as soon as you arrive. Remember to rate your driver to help keep Uber safe and enjoyable for everyone. You can also consider tipping your driver.

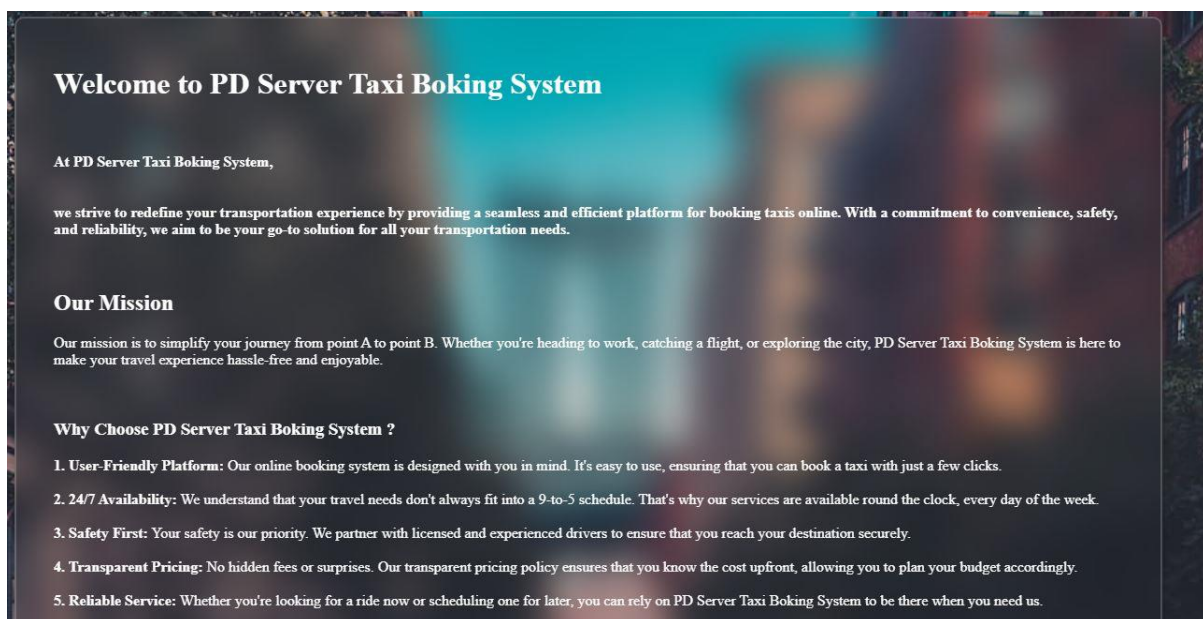
5.1 Home page

Business page - It's have instructions and ideas to use this service to your business.



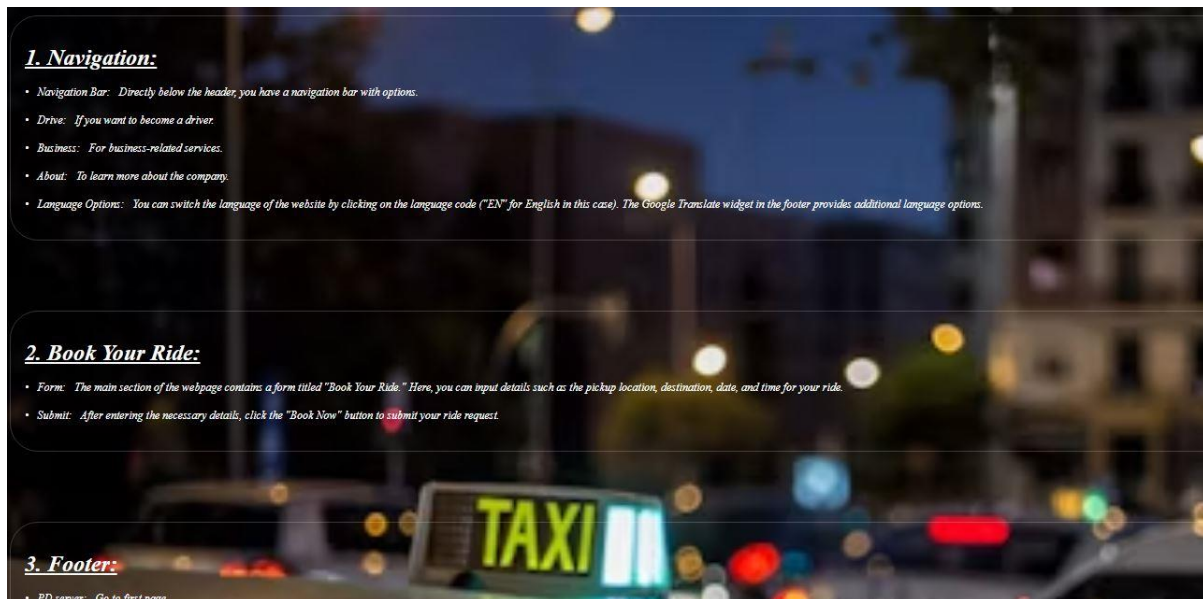
5.2 How to use to your business page

About page – This page have about us.



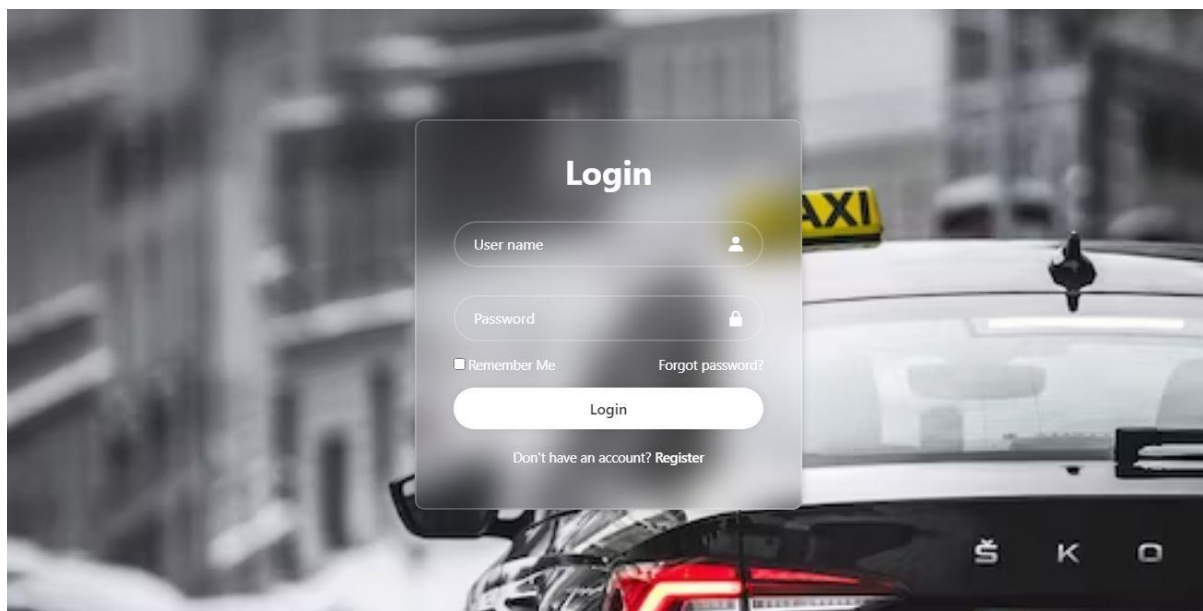
5.3 About PD server taxi

Help page – This page has How to use our taxi service.



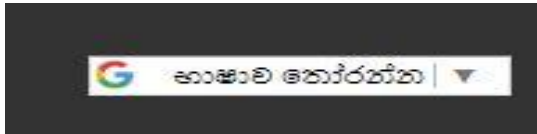
5.4 How to use page

Login page – This page has login path.



5.5 LOG IN page

Translator - This is used to translate home page language. It's in Home page.



5.6 Translator

Links - Links to our you tube channel , face book page and WhatsApp number.



5.7 Linking to social Media

Customer support page - This made for get customer feedback about troubles & help to them.

5.8 Help page