

To develop a platform to provide online 24/7 support for car and bike services. We have developed an online platform where users can sign up and book appointments for their respective requirements. On the platform I have created three different dashboard - User Dashboard, Admin Dashboard and Partner Dashboard

Solution :

To develop this website we used HTML, CSS ,JS For Front-end work , MYSQL for Database and PHP for Communication between Data and Database which fetch from user data. When the user fills an appointment form and submits it Data will be sent to the admin along with the user will also receive a confirmation mail . After that, the admin will assign a partner a/c to the user location . Admin will have all controls admin can add,delete,edit user and Partner details .

TABLE CONTENT

Chapter No.	Title	P.NO
1.	INTRODUCTION	7

2.	LITERATURE REVIEW	10
3.	THEORETICAL BACKGROUND	
3.1)	HTML	12
3.3)	CSS	19
3.3)	JS	24
3.4)	PHP	26
4.	SYSTEM ARCHITECTURE	32
	WORKFLOW DIAGRAM	33
5.	IMPLEMENTATION	34
6.	RESULT	38
7.	SUMMARY	41

1.1) Introduction

Otto Gennie is a platform to provide online 24/7 support for car and bike services. We have developed an online platform where users can sign up and book appointments for their respective requirements. On the platform I have created three different dashboard - User Dashboard, Admin Dashboard and Partner Dashboard

1.2) Integrated Development Environment(IDE)

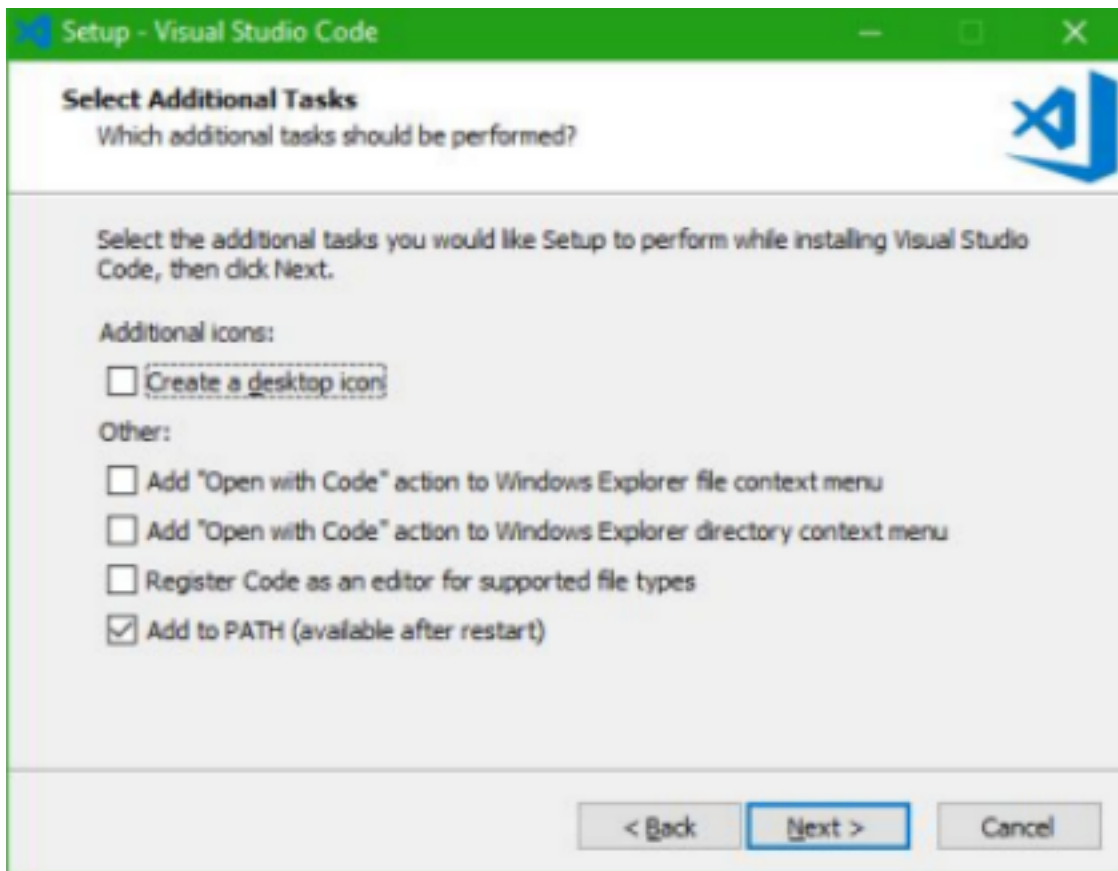
Visual Studio Code is a source-code editor that can be used with a variety of programming languages, including [Java](#), [JavaScript](#), [Go](#), [Node.js](#), [Python](#) and [C++](#). It is based on the [Electron](#) framework, which is used to develop [Node.js Web applications](#) that run on the [Blink layout engine](#). Visual Studio Code employs the same editor component (codenamed "Monaco") used in [Azure DevOps](#) (formerly called Visual Studio Online and Visual Studio Team Services). Instead of a project system, it allows users to open one or more directories, which can then be saved in workspaces for future reuse. This allows it to operate as a [language-agnostic](#) code editor for any language. It supports a number of programming languages and a set of features that differs per language. Unwanted files and folders can be excluded from the project tree via the settings. Many Visual Studio Code features are not exposed through menus or the user interface but can be accessed via the command palette.

Visual Studio Code can be extended via [extensions](#), available through a central repository. This includes additions to the editor and language support. A notable feature is the ability to create extensions that add support for new [languages](#), [themes](#), and [debuggers](#), perform [static code analysis](#), and add [code linters](#) using the [Language Server Protocol](#).^[24]

Visual Studio Code includes multiple extensions for [FTP](#), allowing the software to be used as a free alternative for web development. Code can be synced between the editor and the server, without downloading any extra software.

Visual Studio Code allows users to set the [code page](#) in which the active document is saved, the [newline](#) character, and the programming language of the active document. This allows it to be used on any platform, in any locale, and for any given programming language.

Download the visual IDE in the all category as shown below.



After downloading the file, run the setup and install it. After selecting desired configurations click on the button. The installation will begin ,after completion of installation select finish .



```
components + Blog post.js + function + BlogPost
import { graphql } from "gatsby"
import React from "react"
import Image from "gatsby-image"

export default ({ data }) => {
  const { slugPost } = data
  return (
    <div>
      <h2>Blog Post</h2>
      <div>
        <h3>Blog Post</h3>
        <div>
          <h4>Blog Post</h4>
          <div>
            <h5>Blog Post</h5>
            <div>
              <h6>Blog Post</h6>
              <div>
                <h7>Blog Post</h7>
                <div>
                  <h8>Blog Post</h8>
                  <div>
                    <h9>Blog Post</h9>
                    <div>
                      <h10>Blog Post</h10>
                    </div>
                  </div>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  )
}
```

CHAPTER 2

Literature Review

S.N O	Author	Title of Paper	Methodology	Drawback
1	SOITA REUBEN	STUDENTS RECORD MANAGEMENT SYSTEM. (2016) , LIVINGSTONE INTERNATIONAL UNIVERSITY	feasibility study, data collection, system analysis and design, developing and implementing Student Database Management System	It is not cloud based database Management system, therefore it limits other users from interacting with it.
2	Jonathan Sundqvist	User security in a PHP-driven website. (2017) , Blekinge Institute of Technology	SSL traffic encryption or PHP password saving, hashing algorithms, such as MD5, SHA1 and SHA512.	Php is little bit slow compare to other so validation may take some extra time

S.N O	Author	Title of Paper	Methodology	Drawback
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3	TOUHID BHUIYAN	Web-Based E-Learning System (2013) , Daffodil International University	MySQL, AJAX, CSS, XML, IP, PHP, and HTML.	It is not cloud based system, Not For Android , ,No notification For any update .
4	Mohd Syahrizal Mohd Razali	FTMK Class Timetable Scheduling System (2013) , Melaka, Malaysia.	PHP with Apache HTTP server, user side script such as HTML and database build using MYSQL	Php is little bit slow compare to other so validation may take some extra time
5	Adam Huda Nugraha	Web-Based Application For Sales Kitchen Bunda Ghina (2021), Gunadarma University, Indonesia	Process of creating the website using PHP programming language and Mysql as database	No SSL, No hashing Algorithms to secure Websites .

CHAPTER 3

THEORETICAL BACKGROUND

3.1) HTML

HTML is the standard markup language for creating Web pages.

What is HTML?

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

A Simple HTML Document

Example

```
<!DOCTYPE html>

<html>

<head>

<title>Page Title</title>

</head>

<body>
<h1>My First Heading</h1>

<p>My first paragraph.</p>

</body>

</html>
```

Example Explained

- The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document
- The `<html>` element is the root element of an HTML page
- The `<head>` element contains meta information about the HTML page
- The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or

in the page's tab)

- The <body> element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The <h1> element defines a large heading
- The <p> element defines a paragraph

What is an HTML Element?

An HTML element is defined by a start tag, some content, and an end tag:

```
<tagname>Content goes here...</tagname>
```

The HTML element is everything from the start tag to the end tag:

```
<h1>My First Heading</h1>
```

```
<p>My first paragraph.</p>
```

Start tag Element content End tag <h1> My First Heading </h1> <p> My first

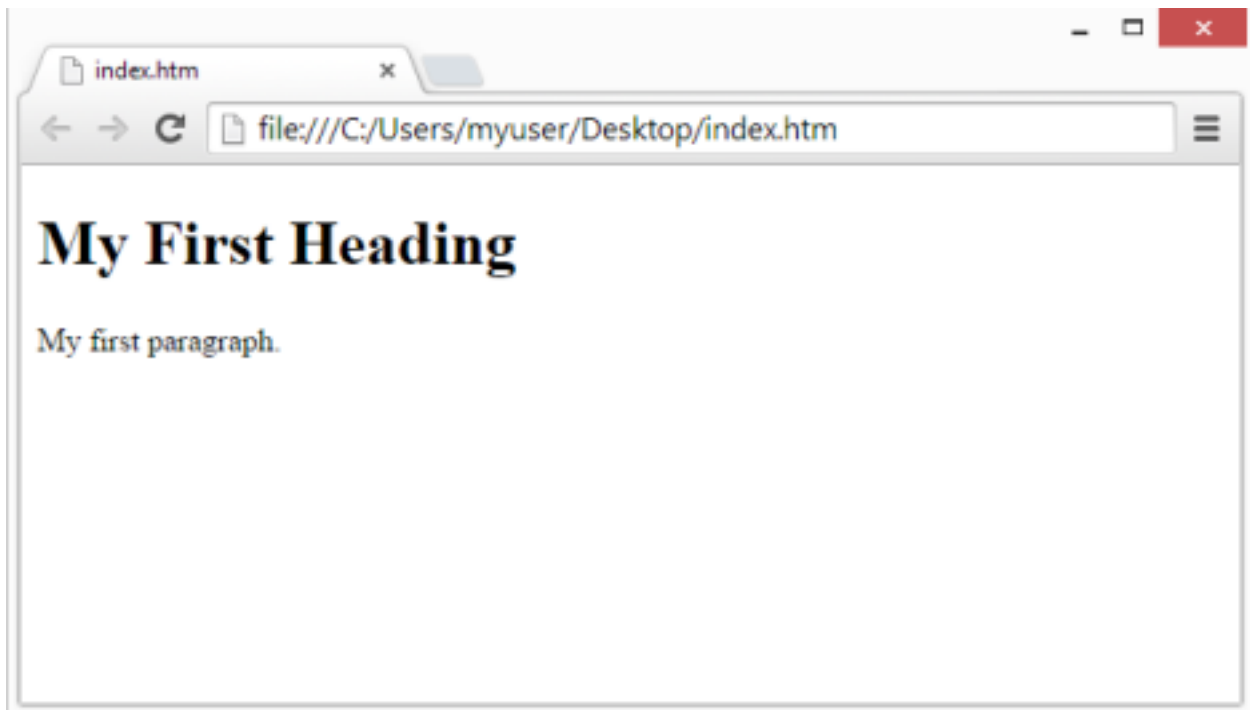
paragraph. </p>

```
<br> none none
```

Web Browsers

The purpose of a web browser (Chrome, Edge, Firefox, Safari) is to read HTML documents and display them correctly.

A browser does not display the HTML tags, but uses them to determine how to display the document:



HTML Page Structure

Below is a

visualization of an HTML page structure: `<html>`

```
<head>
```

```
<title>Page title</title>
```

```
</head>
```

```
<body>
```

```
<h1>This is a heading</h1>
```

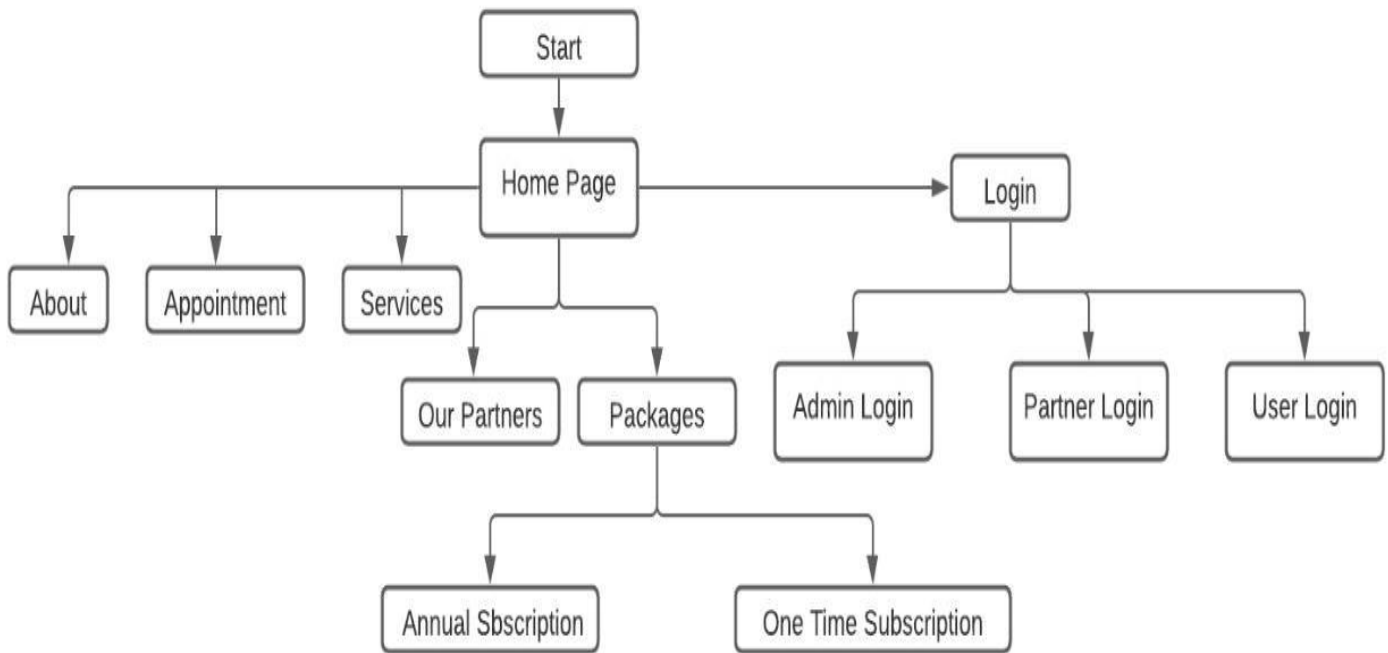
```
<p>This is a paragraph.</p>
```

```
<p>This is another paragraph.</p>
```

```
</body>
```

```
</html>
```

4.1) System Architecture



4.2) Workflow