



# El-Care

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Best Wishes



## DECLARATION

I hereby declare that the work described in this project is, except where otherwise stated, entirely my own work and has not been submitted as part of any degree at this or any other Institute/University.

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Amrita Giri

2023



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## ABSTRACT

I have been volunteering in old age homes and disability schools since a very young age and noticed a lack of proper technological systems for these two sectors. I believe that these sectors should also benefit from advancements in technology and the digital era. We have identified common problems faced by individuals who are unable to take care of their parents while away in another city or part of the world. To solve this problem, I propose a project called EI-Care, which would act as a proxy for individuals to have everything their loved ones need in their hands.



Figure 1 : Volunteering at Social Services

The EI-Care project consists of two distinct parts: the front-end and the backend. The front-end is a web application that communicates with clients and develops information from the backend into a comprehensible configuration. The backend is a cloud-supported project that can read and write any type of data to the website. This is justified using various technologies such as JavaScript, Visual Studio, AWS Cloud, PHP, GitHub, HTML/CSS, and Bootstrap for the development of this project.

## LITERATURE REVIEW

### Project Aim & Objective

The primary aim is for a user-friendly, accessible, and efficient online service booking website specifically tailored for elderly individuals. This website will provide a comprehensive range of services and by centralizing these services in one platform, the project seeks to streamline the booking process, enhance communication between service providers and elderly users, and foster a supportive community for seniors to easily access and manage essential services, ultimately contributing to their well-being and social inclusion.



Figure 2 : El-Care (For your Loved Ones)

1. To conduct thorough research and identify the essential services required by the elderly population, taking into consideration their unique needs and preferences.

2. To design a user-friendly and intuitive interface for the elderly service booking platform, prioritizing accessibility, and ease of navigation for senior users with varying levels of digital literacy.
3. To develop a secure and reliable platform that ensures the privacy and safety of users' personal information and provides an efficient booking process for various services.
4. To implement user feedback mechanisms with chat systems that allow continuous improvement of the platform's features and functionality, based on users' experiences and suggestions.

## Market Research

### Market Analysis



Figure 3 : Market Analysis

1. **Target Market:** mostly elderly individuals aged 65 and above, as well as their family members or caregivers who may be responsible for managing their daily needs.
2. **Market Size and Segmentation:** analyze population data, aging trends, geographic location, income levels, living arrangements, specific service requirements, and projected growth of the elderly population in the region or country.

## Competitor Analysis



Figure 4 : Competitor Analysis

- Identifying Major Competitors :** in the elderly service booking industry, both online and offline. Assess their market share, strengths, weaknesses, and unique selling propositions.
- Investigating their Business :** their pricing strategies, range of services, target audience, and user experience to identify gaps or opportunities for differentiation.

## User Needs Assessment

### Define the User | REQUIREMENTS

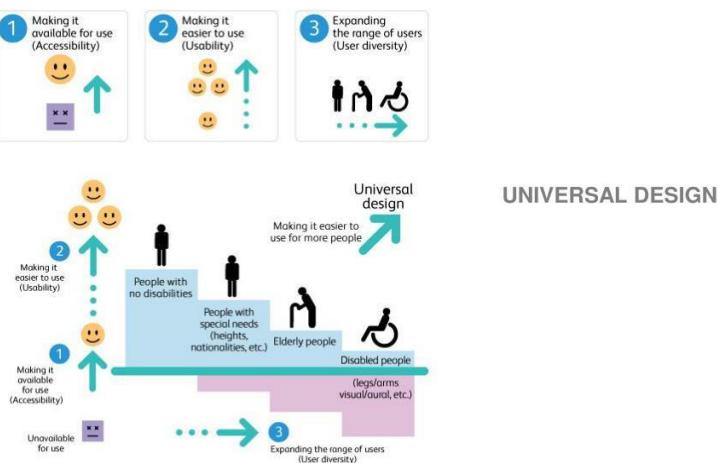


Figure 5 : User Requirement

- 
1. **User Information Gathering** :Conducting surveys, interviews, or focus groups with elderly individuals and their caregivers to understand that they have preferred needs , preferences, and challenges of accessing and booking services.
  2. **Gather Insights** : into their level of digital literacy, accessibility requirements, and the factors that influence their choice of service providers.

### Industry Trends



Figure 6 : Industry Trends

1. **Analyzing Trends:** current and emerging trends in the elderly care market, such as the increasing demand for home care services, the integration of technology in care provision, and the growing emphasis on personalized care.
2. **Assessing Impact:** the potential impact of these trends on the elderly service booking industry and identify opportunities for innovation or adaptation.

### Regulatory Environment



Figure 7 : Law and Regulation

1. **Research Regulations:** relevant regulations and guidelines governing the elderly care industry, such as licensing requirements, data privacy, and safety standards.
2. **Ensuring Law Amendment:** that the proposed platform complies with all applicable laws and standards, and factors in any potential regulatory changes when developing the website.

## SWOT Analysis

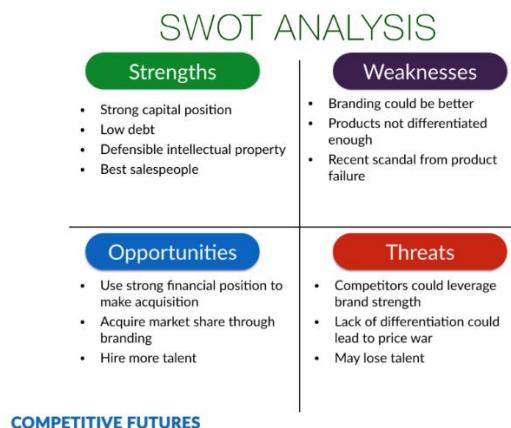


Figure 8 : SWOT Analysis

1. **SWOT:** Identify the strengths, weaknesses, opportunities, and threats related to the proposed elderly service booking website.
2. **Data Analysis :** Use this analysis to inform the platform's development strategy, marketing approach, and risk mitigation plans.

## Market Entry Strategy



Figure 9 : Market Entry Strategy

1. **Developing Market Strategy:** a market entry strategy, including the selection of an initial target market segment, pricing strategy, promotional tactics, and distribution channels.
2. **Potential Partnership :** Consider potential partnerships with relevant organizations, such as senior centers, healthcare providers, or community organizations, to facilitate a successful market entry and foster long-term growth.

## Why Hosting the Application by Cloud Computing for Any Project Beneficial ?

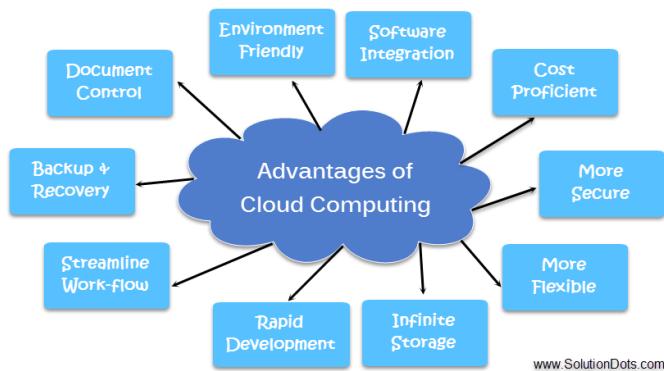


Figure 10 : Advantages of Cloud

Cloud is the amalgamation of virtualization resources at a cloud data center that is run at big infrastructure level by leading cloud service providers in the world. The resources can vary ranging from servers (including physical, virtual and hardware servers) , data collection and storage , operating system software and networking and security. These are the services that can be used for a monthly subscription fee or just charges for services used.

Whether it is work from home in a laptop or a mobile a recent survey showed that 92% of the organizations today have been seen using all the services provided by cloud server providers. So, do we at home unknowingly with google Gmail, google drive , Netflix or drop box. [22]



## Cost Savings

Paying for exactly the space and resources used and needed showed result in lower costs and higher returns.

## Security

Statistics of Rapid Scale said that there was a 94% of businesses improvement and meeting requirements in security after organizations changed to the cloud. Encryption of data used amped up in cloud made it less accessible for hackers to view data. [27]

## Flexibility

Extra bandwidth is easier in cloud rather than expensive update in local server IT Infrastructure proving significant difference to the overall efficiency of many organizations. InformationWeek mentioned that 65% said they were more able to meet the business demands of their clients. [28]

## Mobility

Cloud computing allows our billion mobile users to stay in the loop of accessing corporate data via their smartphones making work from home a very safe work environment

## Insight

Our ability to critically see our cloud analytics of our data with an eagle's eye hence making tracking and customized report analysis easier.

E.g.: a beverage company increased profits by about \$2 million a year but also were able to cut down \$195,000 in their staff cost just by introducing cloud technologies in their company .[28]



## Rise in Collaboration

Working in a team is made easier with cloud services because of teamwork social gatherings to connect employees across your organization, therefore increasing their pique and work engagement.

## Quality Management

In an organization where the large teams and team worker must access all kinds of data in between projects and project works this kind of data handling can always result in human error and this can be solved by having a clear set of data in a document with a consistent template in the cloud. This also helps in maintaining a template that is of same consistency on the cloud to avoid any mixing of work or confusion or dilution of data

## Disaster Prevention

This industry is extremely fragile in cases where having even a downtime can have some bad effects on productivity, revenue, and brand reputation. Hence cloud managed to provide a massive disaster recovery to the extent that many companies got saved from running into massive losses or business failures with clients.

## Loss Recovery

The risk of losing data is huge in today's day and age especially the ones that are saved locally but the risk is reduced with cloud for all the information that can be uploaded online remains safe and can be accessed by any computer or laptop that has internet connection

## Automatic Software Updating and Maintenance

The automatic updating and refreshing of software and avoiding spending time and money on external experts. It was also seen that half of the world



population used less external hardware and software appliances after using Cloud resources as a benefit over them

### Competitive Edge

It is always an edge over the competitors when you manage to learn a technology that is relatively new cause you have an edge learning with experience by the time they catch up. The advantage of this approach showed that 77% had competitive advantage and significance. [28]

### Sustainability

Hosting on cloud resulted in carbon foot printing being reduced and there was a wastefulness at almost every level of a business proving to be more environment friendly

### Scalability

Cloud Computing has a great quality of being able to provide resources that can be demanded for a scale up or down depending on company needs

### Reliability

Cloud service providers offer robust infrastructures with multiple layers of redundancy, ensuring high availability and minimizing downtime.

### Global Reach

Cloud hosting allows the website to be easily accessible from anywhere in the world, ensuring that elderly users and their caregivers can access the platform and book services regardless of their location.

### Integration and Collaboration

Cloud computing makes it easier to integrate the website with other software, tools, and applications, such as customer relationship management (CRM) systems, billing software, and data analytics tools. This can help streamline

operations, improve communication with service providers, and enhance the overall user experience.

## Models of Cloud Services

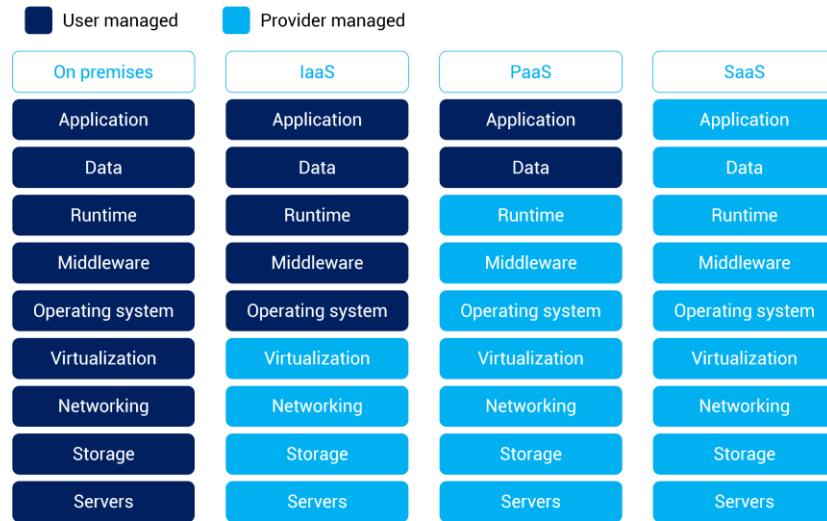


Figure 11 : Models of Cloud Services

### IAAS (Infrastructure-as-a-Service)



Figure 12 : IAAS

1. virtualized computing resources over the internet.
2. virtual machines (VMs), storage, networking, and other necessary computing resources on pay basis
3. AWS, GCP and Azure

4. services and tools can be customized to suit the specific needs of a business or organization.

### PaaS (Platform-as-a-Service)



Figure 13 : PAAS

1. developers to build, deploy, and manage applications without infrastructure complexities.
2. PaaS offerings typically include tools and services for developing, testing, deploying, and maintaining applications.
3. Heroku, Google App Engine, Microsoft Azure App Service, and IBM Cloud Foundry.
4. cater to different programming languages and frameworks

### SaaS (Software-as-a-Service)



Figure 14 :SAAS

1. eliminates the need to install and maintain the software on their local devices.

2. host, maintain, and manage the software through a web browser, usually via a subscription model.
3. SaaS offers several benefits like Lower upfront costs, Easy access, Scalability, Automatic updates, Simplified integration
4. Some well-known SaaS examples include Salesforce (a customer relationship management platform), Microsoft Office 365 (productivity suite), Google Workspace (collaboration and productivity tools), and Slack (team communication and collaboration).

## FAAS(Function-as-a-Service)

### Functions as a Service

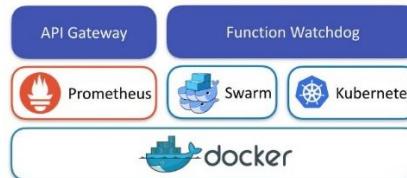


Figure 15 : FAAS

1. build and run applications without servers and infrastructure
2. section of code performs specific tasks, while the cloud provider takes care of the operational aspects like scaling, patching, and capacity management.
3. AWS Lambda, Google Cloud Functions, Microsoft Azure Functions, and IBM Cloud Functions.

## Cloud Use Cases

As cloud computing continues to evolve, new use cases and applications will emerge. Here are some potential future cloud use cases:

- Edge computing and IoT

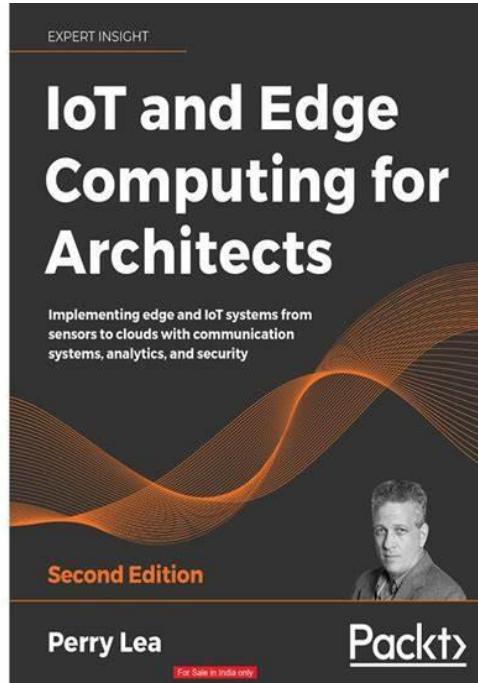


Figure 16 : Edge computing and IoT

Edge computing will become more important to process data closer to the source as IoT devices grow, allowing for real-time data processing and analytics.

- AI and machine learning



Figure 17 : AI and machine learning

Cloud providers will expand their offerings for AI and machine learning, providing access to powerful algorithms and tools to enable businesses to leverage AI.

- Serverless and event-driven architectures

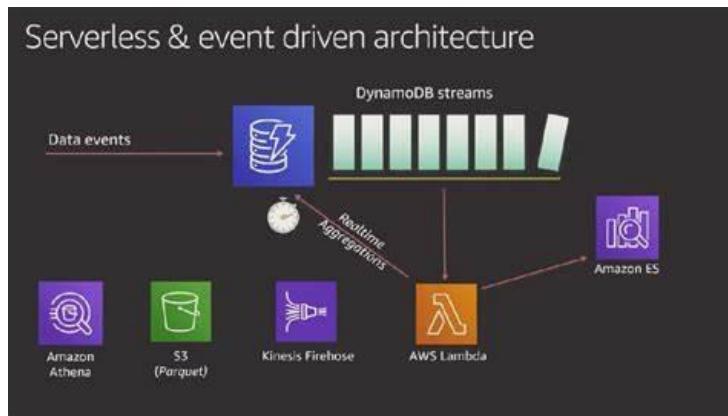


Figure 18 : Serverless and event-driven architectures

Serverless computing and event-driven architectures will grow, enabling organizations to build efficient and scalable applications with minimal infrastructure management overhead.

- Quantum computing

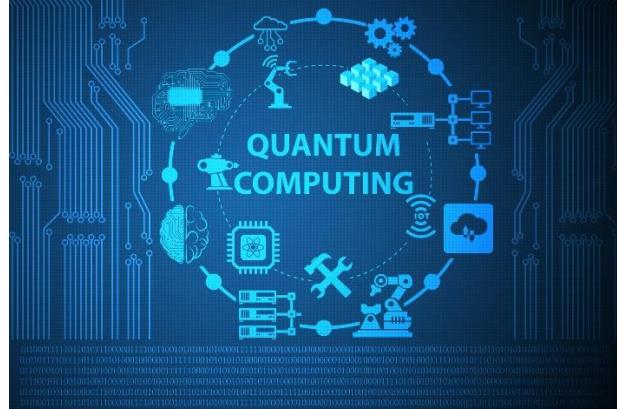


Figure 19 : Quantum computing

Quantum computing may mature to allow cloud providers to offer quantum computing resources to customers, enabling them to solve complex problems currently intractable for classical computers.

- 5G and cloud-native networking



Figure 20 : 5G and cloud-native networking

The rollout of 5G networks will facilitate faster data transfer and improved connectivity, enabling new cloud use cases.

- Decentralized and distributed cloud

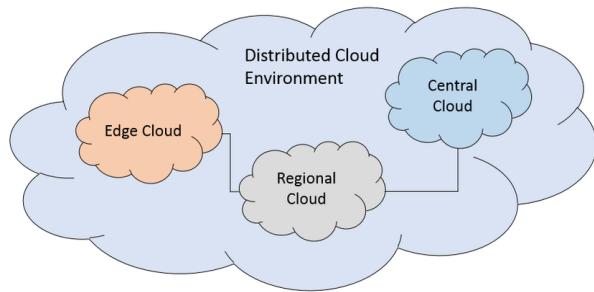


Figure 21 : distributed cloud

Decentralized and distributed cloud solutions may gain traction as alternatives to centralized cloud providers, offering increased resilience, privacy, and control over data.

- Enhanced security and privacy



Figure 22 : Enhanced security and privacy

Cloud providers will develop new tools and services to help organizations protect their data and comply with regulations.

- Green and sustainable cloud computing



Figure 23 : Green and sustainable cloud computing

Cloud providers will focus on sustainable and energy-efficient solutions, such as utilizing renewable energy sources and developing energy-efficient data centers.

- Industry-specific cloud solutions

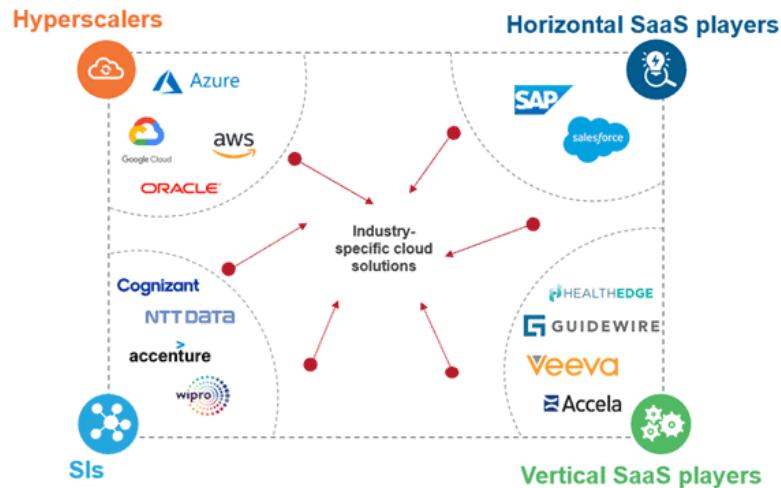


Figure 24 : Industry-specific cloud solutions

Cloud providers will develop more industry-specific solutions tailored to the unique needs and requirements of sectors such as healthcare, finance, manufacturing, and education.

Cloud computing will continue to play a critical role in enabling organizations to innovate, scale, and adapt to changing business environments as technology evolves.

## Amazon Web Services



Figure 25 : AWS

1. a broad range of services and tools for organizations to build, deploy, and manage applications.
2. It has a global infrastructure of data centers and availability zones across regions worldwide, enabling organizations to build highly available and scalable applications while minimizing latency for end-users.
3. AWS offers services such as computing, storage, databases, networking, security, identity, analytics, machine learning and AI, and developer tools, catering to various industries.

## Google Cloud Platforms



Figure 26 : GCP

1. services that offer infrastructure, platform, software solutions for organizations to build, deploy, and manage applications.
2. GCP offers key services and features such as Google Compute Engine, Google Kubernetes Engine, Cloud Functions, Google Cloud Storage, Persistent Disk, Cloud SQL, Cloud Fire store, and Cloud Load Balancing.
3. GCP is built on the same infrastructure that powers Google's own services, making it a reliable and powerful cloud computing platform.

## Microsoft Azure

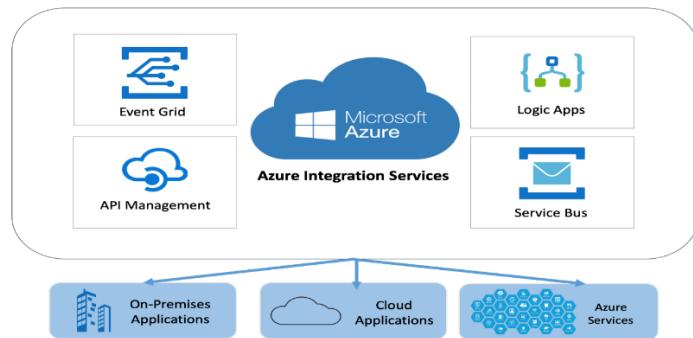


Figure 27 : Azure

1. services and tools for building, deploying, and managing applications.
2. Offers IaaS, PaaS, SaaS to cater to different customer needs.

- 
3. It has a global infrastructure with data centers and availability zones in multiple regions, enabling organizations to build highly available and scalable applications.
  4. key services computing, storage, database, networking, security and identity, analytics, machine learning and AI, and developer tools.

## Azure vs AWS vs GCP

Feature	GCP	AWS	Azure
<b>Containerization</b>	Kubernetes (orchestration)	Relatively new	Offers platforms but not as good as GCP
<b>Market Position</b>	3 <sup>rd</sup> on market share	On top due to services provided	2 <sup>nd</sup> in market share
<b>Support Material</b>	Mastery possible with documentation/ videos	Good practical training needed to master AWS	No proper documentation hence self-study needed to master Azure
<b>Offerings</b>	2 <sup>nd</sup> option than AWS as both offer similar platforms	Services and support given to large organization	Companies only prefer azure for windows or can do it without outside help
<b>Global Marketing</b>	Global outreach is comparatively less as	Due to marketing efforts, it	Azure is known but used less because AWS

	they don't market as much	known as the best cloud platform by large and small organizations	is a competitor. AWS policies are easier to follow than Azures
<b>Integration</b>	Gmail, YouTube and all other google services for seamless experience with cloud services	Users are happy with services also they are rendered	Microsoft integrated tools and software
<b>Open Sourced</b>	Not open sourced but some services are free. Provides portability of its services	Not open sourced need to pay as you use described accordingly	Open Sourced so users use it
<b>Tools Management</b>	Managed well but less services	Effective tool management and very vast services offered	Not proper management of tools
<b>Designing</b>	native environment design, offer/discounts/flexible contracts offered	For large storage and network usage	Big data and ML
<b>Focus Area</b>	DevOps with Docker and Kubernetes	different services on different platforms	Many features set mainly focusing on hybrid cloud

PRODUCT	aws	Microsoft Azure	Google Cloud Platform
Virtual Servers	Instances	VMs	VM Instances
Platform-as-a-Service	Elastic Beanstalk	Cloud Services	App Engine
Serverless Computing	Lambda	Azure Functions	Cloud Functions
Docker Management	ECS	Container Service	Container Engine
Kubernetes Management	EKS	Kubernetes Service	Kubernetes Engine
Object Storage	S3	Block Blob	Cloud Storage
Archive Storage	Glacier	Archive Storage	Coldline
File Storage	EFS	Azure Files	ZFS / Avere
Global Content Delivery	CloudFront	Delivery Network	Cloud CDN
Managed Data Warehouse	Redshift	SQL Warehouse	Big Query

Figure 28 : AWS vs GCP vs Azure



Figure 29 : AWS vs GCP vs Azure Comparison

AWS, GCP, and Azure are three leading cloud computing platforms, each with its own strengths and offerings. Here is a comparison of the three in terms of market share, services, and other factors:



Figure 30 : AWS vs GCP vs Azure Market Share

1. AWS is the market leader with the largest share and has been in the cloud computing space the longest, providing them with a more mature and extensive set of services.
2. Azure is the second-largest player, benefiting from Microsoft's existing enterprise customer base and integration with other Microsoft products.
3. GCP is the third-largest platform, known for its innovation and focus on developer-friendly tools, as well as its machine learning and data analytics capabilities.

## Services

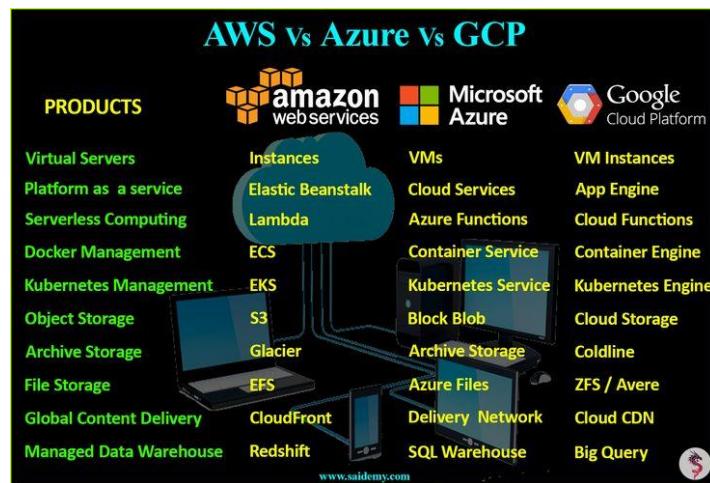


Figure 31 : AWS vs GCP vs Azure Services

1. AWS has the broadest range of services and features, which can be beneficial for organizations looking for the most extensive set of options.
2. Azure's tight integration with other Microsoft products and services can be advantageous for organizations already using Microsoft solutions.
3. GCP is particularly strong in data analytics and machine learning, leveraging Google's expertise in these areas.

## Pricing

Instance type	AWS	Azure	Google Cloud	Pricing		
	AWS	Azure	Google Cloud	AWS	Azure	Google Cloud
General purpose	t4g.xlarge	B4MS	e2-standard-4	\$0.0969 28% savings	\$0.0974 ~41% savings	\$0.095092 ~41% savings
Compute optimized	c6g.xlarge	F4s v2	c2-standard-4	\$0.0991 27% savings	\$0.0512 70% savings	\$0.14072 ~44% savings
Memory optimized	r5.xlarge	E4a v4	m1-ultramem-40	\$0.0949 69% discount	\$0.0741 ~41% savings	\$4.1934 ~42% savings

Figure 32 : AWS vs GCP vs Azure Pricing

1. All three platforms use pay per use only for the resources they consume.
2. AWS and Azure offer similar pricing structures, while GCP tends to be slightly more cost-effective for some services, particularly in data storage and transfer.
3. All three platforms provide various cost optimization tools and options, such as reserved instances, committed use contracts, or savings plans.

## Compliance and security

Security Services	AWS	Azure	Google
<b>Authentication and Authorization</b>	Identity and Access Management (IAM)	Active Directory	Cloud IAM
		Active Directory Premium	Cloud Identity-Aware Proxy
<b>Protection with Data Encryption</b>	Key Management Service	Storage Service Encryption	-
<b>Firewall</b>	Web Application Firewall	Application Gateway	-
<b>Identity Management</b>	Cognito	Active Directory B2C	-
<b>Cloud Services with Protection</b>	Shield	DDoS Protection Service	-

Figure 33 : AWS vs GCP vs Azure Compliance and Security

1. AWS, GCP, and Azure all prioritize security and compliance, offering all services to help organizations secure their data and applications.
2. All three platforms comply with numerous industry standards and certifications, but specific compliance offerings may vary by platform.

Ultimately, the choice between AWS, GCP, and Azure depends on an organization's specific requirements, existing infrastructure, and familiarity with the platforms. Many organizations opt for a multi-cloud strategy, using more

than one cloud provider to take advantage of each platform's unique strengths and features.

## Database Technology

Databases are organized collections of data, typically stored and accessed electronically from a computer system. They are essential for managing, storing, and retrieving large amounts of structured and semi-structured data efficiently. Databases enable quick access to relevant information, facilitating data manipulation and analysis.

### Relational databases

#### Relational Database Relationships

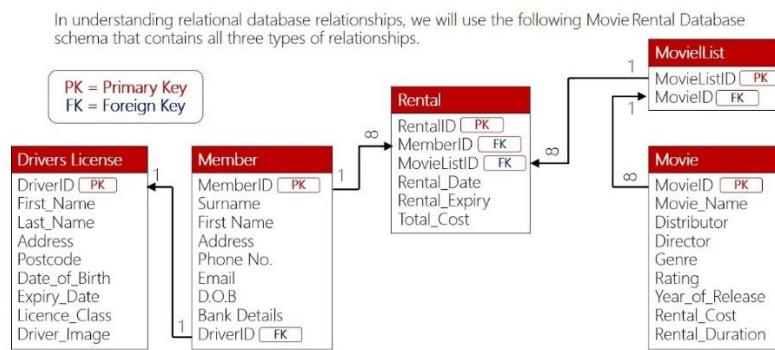


Figure 34 : Relational Database

1. They store data in tables with rows and columns, and relationships between tables are defined through primary and foreign keys.
2. Examples include MySQL, PostgreSQL, Oracle, and Microsoft SQL Server.

### MySQL



Figure 35 : MySQL

MySQL is an open-source relational database management system (RDBMS) that has been widely adopted for its performance, reliability, and ease of use. It uses SQL as the query language and is suitable for a wide range of applications. Some reasons for its popularity include:

1. Mature and well-established
2. Easy to set up and use
3. Cost-effective
4. Compatibility
5. Scalability and performance

### NoSQL databases

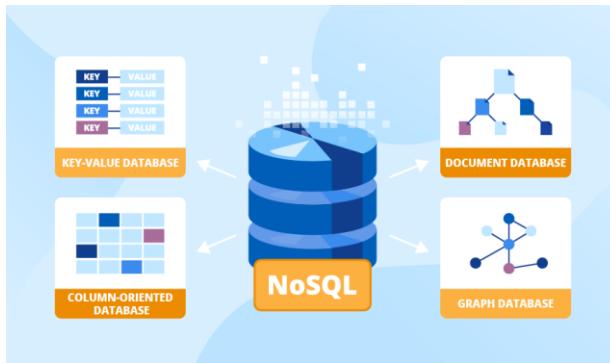


Figure 36 : NoSQL DB

1. These databases are designed for handling unstructured or semi-structured data and do not rely on a fixed schema.
2. Examples include MongoDB (document-based), Cassandra (column-family), Redis (key-value), and Neo4j (graph).

### Firebase (Realtime Database and Fire store)



Figure 37 : Firebase

Firebase is a cloud-based platform developed by Google that offers a suite of backend services, including Realtime Database and Fire store, which are NoSQL databases.

1. Realtime Database
2. Fire store

## MongoDB

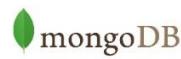


Figure 38 : MongoDB

MongoDB is a popular open-source NoSQL database that stores data in a flexible, JSON-like format called BSON. It is designed to handle unstructured data and can scale horizontally across multiple nodes. Some reasons for MongoDB's popularity include:

1. Schema-less design
2. Scalability
3. High performance
4. Rich query language
5. Robust ecosystem

## Frontend Technology



Figure 39 : Frontend Technologies

Front-end technologies are the tools and frameworks used to create the user interface (UI) and user experience (UX) of a website or web application. They are responsible for the layout, design, and interactivity of a site.

1. HTML (Hyper Text Markup Language)
2. CSS (Cascading Style Sheets)
3. JavaScript
4. Responsive Design
5. CSS Frameworks
6. JavaScript Libraries & Frameworks
7. CSS Preprocessors
8. Build Tools and Task Runners
9. Version Control Systems
10. Testing and Debugging Tools
11. Performance Optimization

## Backend Technologies



Figure 40 : Backend Technologies

Backend technologies refer to the server-side technologies that power web applications, mobile apps, and other software systems. They are responsible for processing, storing, and managing data, as well as ensuring smooth communication between the client-side (frontend) and the server-side (backend).



- Programming languages

1. Python
2. JavaScript
3. Java
4. PHP
5. Ruby
6. C#

- Web frameworks

1. Django (Python)
2. Flask (Python)
3. Express.js (JavaScript/Node.js)
4. Spring Boot (Java)
5. Laravel (PHP)
6. Ruby on Rails (Ruby)

- Caching systems

1. Redis
2. Memcached

- Message brokers

1. RabbitMQ
2. Apache Kafka

- Server and deployment technologies

1. Nginx
2. Apache HTTP Server
3. Docker
4. Kubernetes

## Visual Studio Code

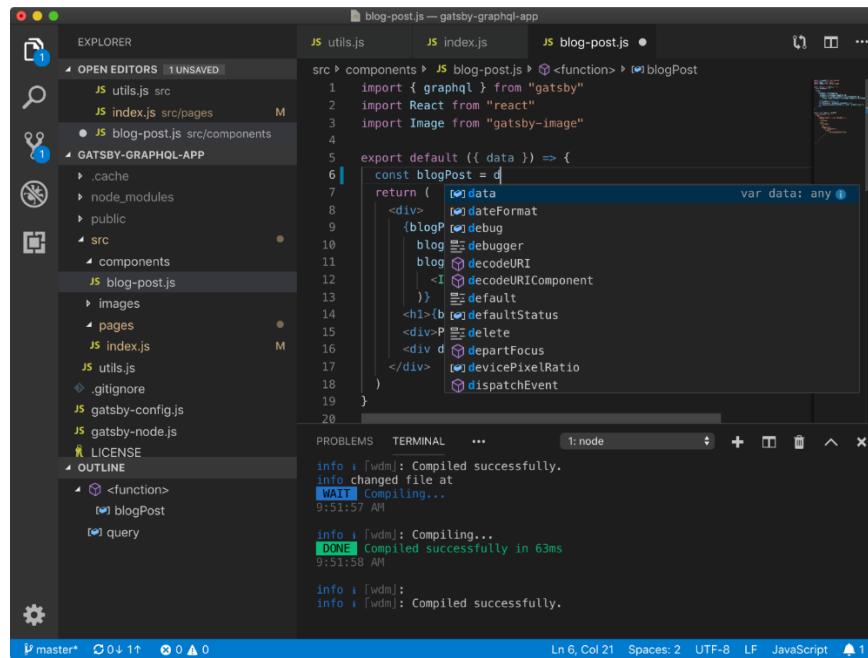


Figure 41 : Visual Studio Code

Visual Studio Code (VSCode) is a popular, lightweight, and powerful source code editor. It offers numerous benefits coding projects, making it a top choice for developers across various programming languages and platforms.

### 1. Cross-platform compatibility

major operating systems, Windows, macOS, and Linux,

### 2. Extensibility

extensions and plugins, allowing developers to customize

### 3. IntelliSense

VSCode offers advanced features like code completion, navigation, and understanding features through its IntelliSense feature.

### 4. Git integration

The built-in Git support in VSCode simplifies version control, making it easier for developers to track changes, collaborate, and manage their codebase.



## 5. Debugging capabilities

VSCode offers a powerful built-in debugger, which supports various programming languages and platforms.

## 6. Customizable UI

The editor's interface is highly customizable, allowing developers to tweak the layout, color scheme, and more to suit their preferences and improve their workflow.

## 7. Integrated terminal

VSCode comes with an integrated terminal that allows developers to execute commands, run scripts, and interact with their development environment without leaving the editor.

## 8. Language support

The editor supports a vast array of programming languages, making it suitable for many different types of coding projects.

## 9. Collaboration features

The Live Share extension enables real-time collaboration between developers, allowing them to share their workspace and code together, regardless of their physical location.

## 10. Active community and support

Visual Studio Code has a large and active community, which contributes to the development of the editor and its extensions.

In summary, Visual Studio Code provided a powerful, extensible, and user-friendly environment for developers working on various coding projects. Its wide array of features, support for multiple languages, and strong community backing make it a top choice for many programmers.

## PROPOSED SOLUTION

### Design

#### Basic Functionality Brief:

- The website will allow users to browse through a range of elderly services such as basic internet courses, booking public office visits , medicine delivery and hospital visits.
- The users will be able to search for services based on their location and service requirements.
- Once the user selects a service, they will be able to view details about the service, such as the service provider's name, contact details, pricing, and availability.
- The user will then be able to book the service by selecting a preferred date and time and entering all their contact or booking details.
- Overall, the website's goal is to make it easy for elderly people and their caregivers to find and book high-quality services that meet their needs.

#### Design Snippets and Images

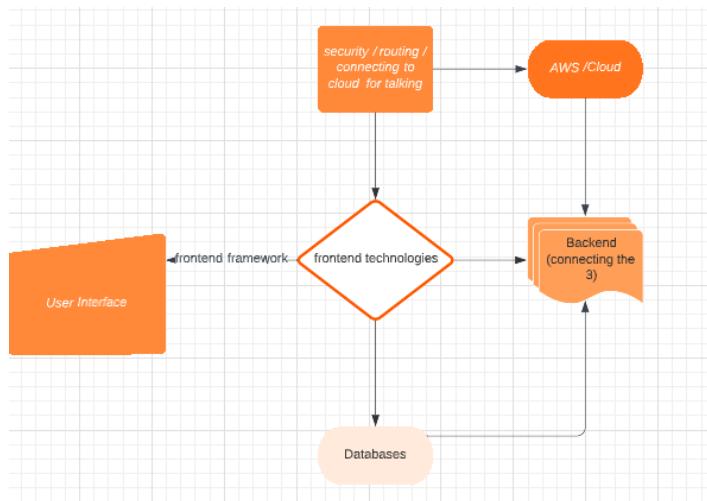


Figure 42 : Basic Architecture Diagram

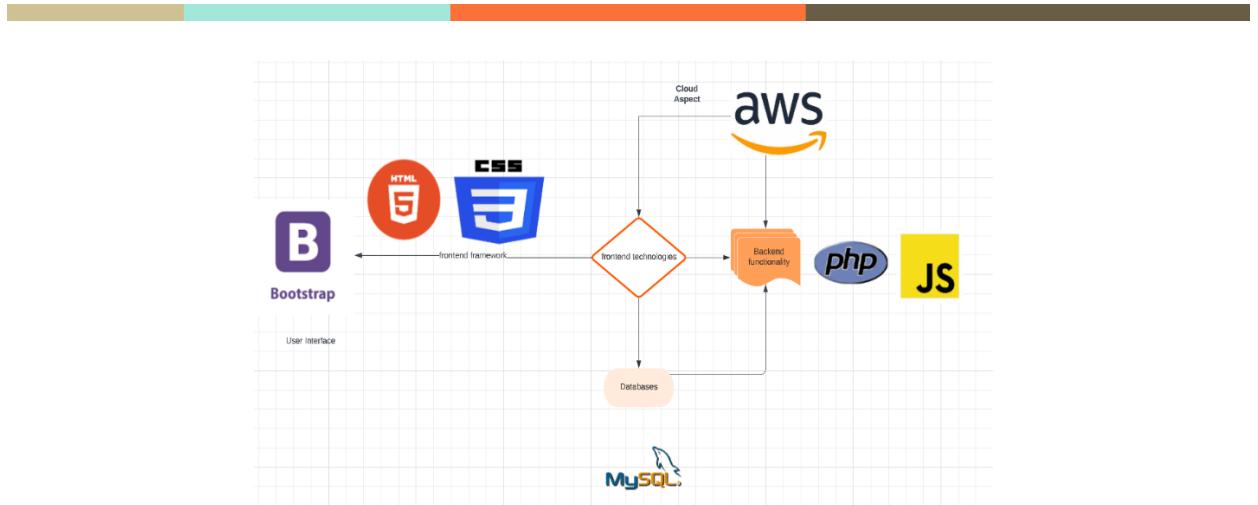


Figure 43 : Technology based Architecture



Figure 44 : Technologies Used

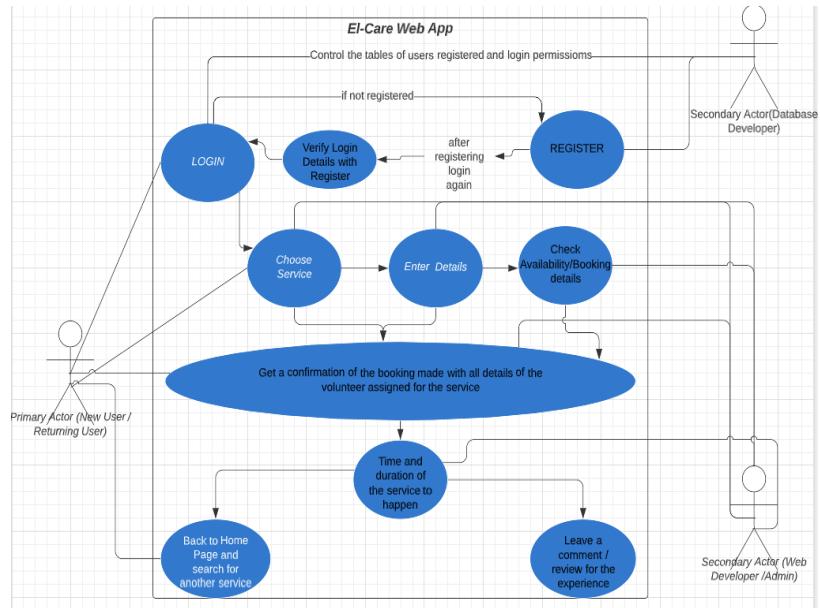


Figure 45 : UML Class Diagram

This UML Diagram above gives a basic flow of class diagram involving the steps needed for the website. The flow and steps I plan during this project also showing the important roles and functions I will try to follow while coding the project

## Implementation

### Database (MySQL)

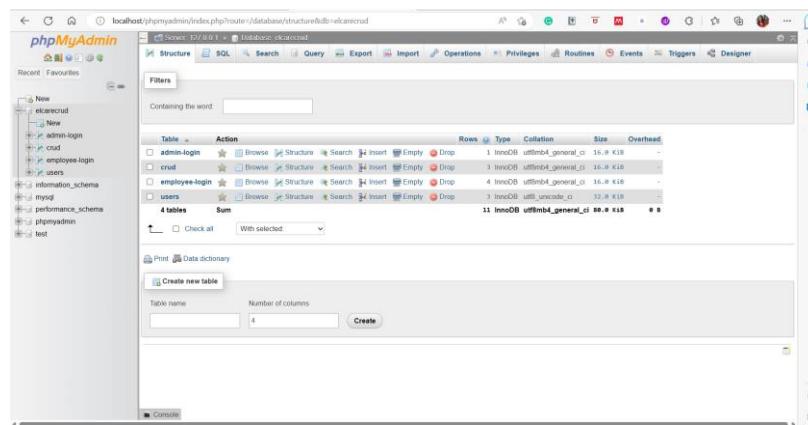


Figure 46 : PhpMyAdmin

### Tables and Database scheme

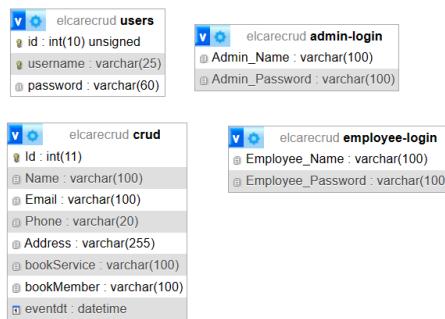


Figure 47 : Database Tables

```
-- phpMyAdmin SQL Dump
-- version 5.2.1
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
```

```
-- Generation Time: May 11, 2023 at 04:25 PM
-- Server version: 10.4.28-MariaDB
-- PHP Version: 8.2.4

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

-- 
-- Database: `elcarecrud`


-----


-- 
-- Table structure for table `admin-login`
--


CREATE TABLE `admin-login` (
    `Admin_Name` varchar(100) NOT NULL,
    `Admin_Password` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

-- 
-- Dumping data for table `admin-login`
--


INSERT INTO `admin-login` (`Admin_Name`, `Admin_Password`) VALUES
('Amrita', 'AdminAmrita');

-----


-- 
-- Table structure for table `crud`
--


CREATE TABLE `crud` (
    `Id` int(11) NOT NULL,
```

```

`Name` varchar(100) NOT NULL,
`Email` varchar(100) NOT NULL,
`Phone` varchar(20) NOT NULL,
`Address` varchar(255) NOT NULL,
`bookService` varchar(100) NOT NULL,
`bookMember` varchar(100) NOT NULL,
`eventdt` datetime NOT NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

-- 
-- Dumping data for table `crud`
-- 

INSERT INTO `crud` (`Id`, `Name`, `Email`, `Phone`, `Address`,
`bookService`, `bookMember`, `eventdt`) VALUES
(16, 'Amrita Giri', 'amrita@gmail.com', '9999999999', 'Dundalk', '1',
'Ana', '2023-04-12 17:00:00'),
(17, '', '', '', '', '', '0000-00-00 00:00:00'),
(18, '', '', '', '', '', '0000-00-00 00:00:00');

-- 
-- Table structure for table `employee-login`
-- 

CREATE TABLE `employee-login` (
`Employee_Name` varchar(100) NOT NULL,
`Employee_Password` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

-- 
-- Dumping data for table `employee-login`
-- 

INSERT INTO `employee-login` (`Employee_Name`, `Employee_Password`)
VALUES
('Gary', 'Gary123'),
('Rachel', 'Rachel123'),
('James', 'James123'),
('Ana', 'Ana123');

-- 

```

```
--  
-- Table structure for table `users`  
  
--  
  
CREATE TABLE `users` (  
    `id` int(10) UNSIGNED NOT NULL,  
    `username` varchar(25) NOT NULL,  
    `password` varchar(60) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;  
  
--  
-- Dumping data for table `users`  
  
--  
  
INSERT INTO `users` (`id`, `username`, `password`) VALUES  
(6, 'amrita',  
'$2y$12$NvX2psnNHxFulDDBxeuk8e1RMDPw/oc9mCIZCBdY5W101rk5UusMK'),  
(7, 'chandan',  
'$2y$12$t2GVafa/9cZFCyx1zZailut2vG/vIt.k3j.PmtTAQmMB4QTFFerKu'),  
(8, 'Mags',  
'$2y$12$.9Bbuukegv1mrDgYvUeEJubr8uF70cV4gvEUckd3BRcnAY/OPwfxO');  
  
--  
-- Indexes for dumped tables  
  
--  
  
--  
-- Indexes for table `crud`  
  
--  
  
ALTER TABLE `crud`  
    ADD PRIMARY KEY (`Id`);  
  
--  
-- Indexes for table `users`  
  
--  
  
ALTER TABLE `users`  
    ADD PRIMARY KEY (`id`),  
    ADD UNIQUE KEY `username` (`username`);  
  
--  
-- AUTO_INCREMENT for dumped tables  
  
--  
  
--
```

```
-- AUTO_INCREMENT for table `crud`
--

ALTER TABLE `crud`
    MODIFY `Id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=19;

--

-- AUTO_INCREMENT for table `users`
--

ALTER TABLE `users`
    MODIFY `id` int(10) UNSIGNED NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

Elcarecrud.sql

```
<?php

$con = new mysqli('localhost', 'root', '', 'elcarecrud');

if (!$con) {
    die(mysqli_error($con));
}
```

Connect.php

```
<?php
include('includes/header.php');
?>
<h1>Database Error</h1>
<p>There was an error connecting to the database.</p>
<p>Error message: <?php echo $error_message; ?></p>
<p>&nbsp;</p>
<?php
include('includes/footer.php');
?>
```

Database\_error.php

```
<?php
$dsn = 'mysql:host=localhost;dbname=elcarecrud';
$username = 'root';
$password = '';
```

```

try {
    $db = new PDO($dsn, $username, $password);
} catch (PDOException $e) {
    $error_message = $e->getMessage();
    include('database_error.php');
    exit();
}

```

Database.php

## Why MySQL ?

- MySQL is suitable for applications that require complex data relationships, transactions, and querying capabilities, such as e-commerce platforms, content management systems, or business applications.
- MySQL is an open-source, standalone database system and can be hosted on-premises or in the cloud.
- It is not tied to a specific suite of services.
- MySQL is a relational database, which means it stores data in tables with predefined schemas.
- It is designed for structured data storage and supports transactions and complex queries

## Conclusion

I wanted to use MySQL because my application has mixed requirements. Login and other user entries also use MySQL for structured data storage and complex querying.

## Frontend Technologies (Bootstrap and HTML CSS)



Figure 48 : Bootstrap



## Why Bootstrap ?

- **Timesaving**

CSS framework with pre-designed components and styles, which can speed up the development process by reducing the time spent on writing CSS from scratch.

- **Responsive Design**

Bootstrap's grid system and responsive utilities make it easy Creating web designs that are responsive and capable of adjusting to various screen sizes and devices.

- **Consistent Look and Feel**

Using Bootstrap components ensures a consistent look and feel across your application, as well as compatibility with various browsers.

- **Customizable**

Bootstrap can be customized according to your design requirements, allowing you to change colors, fonts, and other styles while still leveraging its predefined components.

- **Large Community**

Bootstrap has a large and active community, which means you can find plenty of resources, plugins, and tutorials online to help you learn and use the framework effectively.

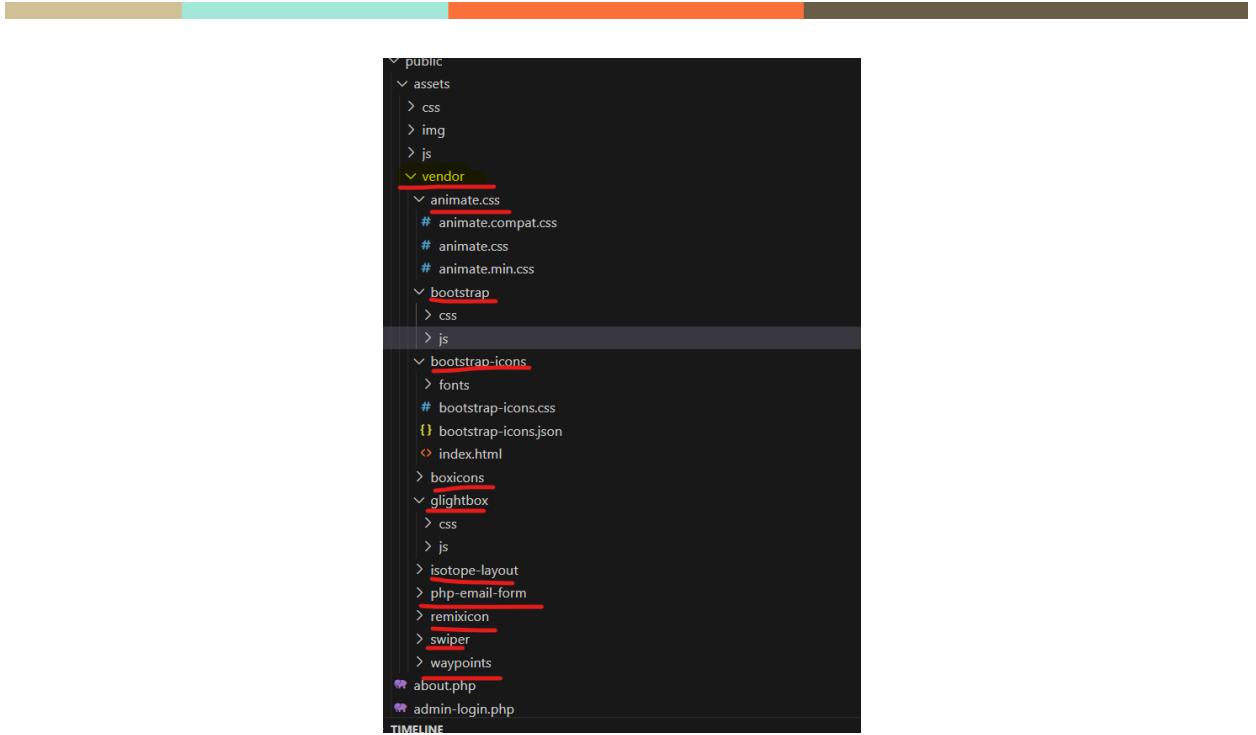


Figure 49 : Bootstrap Layout

## Why HTML, CSS, and JavaScript ?

- **Fundamental Technology**

HTML, CSS, and JS are the core technologies for building any web-based frontend. HTML is used for structuring content, CSS for styling, and JS for adding interactivity and dynamic content.

- **Browser Compatibility**

Modern browsers support HTML, CSS, and JS natively, ensuring your website or web application will work across various platforms without requiring additional plugins or extensions.

- **Wide Range of Libraries and Frameworks**

There are numerous libraries and frameworks available for HTML, CSS, and JS that can help you create complex and interactive frontend experiences. Examples include jQuery (JS library), React, Angular, and Vue.js (JS frameworks), and Sass or Less (CSS preprocessors).

- **Developer Familiarity**

Most web developers are already familiar with HTML, CSS, and JS, making it easier to find and onboard developers for your project.

- **SEO and Accessibility**

HTML, CSS, and JS, when used properly, can contribute to better search engine optimization (SEO) and accessibility for your website, making it more discoverable and user-friendly.

```
<!DOCTYPE html>
<html lang="en">

    <head>
        <meta charset="utf-8">
        <meta content="width=device-width, initial-scale=1.0" name="viewport">
        <title>El-Care</title>

        <!-- Favicons -->
        <link href="assets/img/favicon-logo.png" rel="icon">
        <link href="assets/img/favicon-logo.png" rel="apple-touch-icon">

        <!-- Google Fonts -->
        <link
            href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

        <!-- Vendor CSS Files -->
        <link href="assets/vendor/animate.css/animate.min.css" rel="stylesheet">
        <link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
        <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
        <link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
        <link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
```

```

<link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="assets/vendor/swiper/swiper-bundle.min.css"
rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/mystyle.css" rel="stylesheet">
</head>

<body>

<!-- ===== Header ===== -->
<header id="header" class="fixed-top d-flex align-items-center">
    <div class="container d-flex align-items-center">
        <h1 class="logo me-auto"><a href="index.php">El-Care</a></h1>
        <nav id="navbar" class="navbar">
            <ul>
                <li><a href="about.php">About Us</a></li>
                <li><a href="testimonials.php">Testimonials</a></li>
                <li><a href="ourteam.php">Our Team</a></li>
                <li><a href="services.php">Services Offered</a></li>
                <li><a href="contact.php">Contact Us</a></li>
            </ul>
            <i class="bi bi-list mobile-nav-toggle"></i>
        </nav>
        <!-- .navbar -->
    </div>
</header>
<!-- End Header -->

<main id="main">
    <!-- ===== Breadcrumbs ===== -->
    <section id="breadcrumbs" class="breadcrumbs">
        <div class="container">

```

```
<div class="d-flex justify-content-between align-items-center">
    <h2>Our Team Will Contact You</h2>
    <ol>
        <li><a href="index.php">Home</a></li>
        <li>Thank You</li>
    </ol>
</div>
</div>
</section>
<!-- End Breadcrumbs -->
<!-- <h1>Thank you!</h1> -->
    Thank you for submitting the form. We will contact you soon with
a confirmation of the Booking!
</main>
<!-- End #main -->

</body>
<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</html>
```

## Conclusion

By choosing Bootstrap combined with HTML, CSS for my front-end development, I can create responsive, visually appealing, and interactive web applications while leveraging a well-established and widely supported technology stack.

## Backend Technologies

### Why PHP ?

- **Mature Language**

PHP has been around for a long time and has a well-established ecosystem. It is widely used for web development and has a large community that can provide support and resources.

- **Easy to Learn**

PHP has a relatively low learning curve, making it accessible to developers with varying levels of experience.

- **Built for Web Development**

PHP was designed specifically for web development, and its syntax and features are tailored for building web applications efficiently.

- **Integration with Web Servers**

PHP can be easily integrated with popular web servers like Apache and Nginx, simplifying the deployment process.

- **Wide Range of Frameworks**

PHP offers various frameworks like Laravel, Symfony, and CodeIgniter, which can help you structure your code and speed up development.

- **Cost-effective Hosting**

PHP hosting is widely available and often more affordable than hosting for some other backend languages.

```
<?php  
  
if (isset($_POST['Signin'])) {
```

```

$query = "SELECT * FROM `admin-login` WHERE
`Admin_Name`='$_POST[AdminName]' AND
`Admin_Password`='$_POST[AdminPassword]'";
$result = mysqli_query($con, $query);
if (mysqli_num_rows($result) == 1) {
    session_start();
    $_SESSION['AdminLoginId'] = $_POST['AdminName'];
    header("location: display.php");
} else {
    echo "<script>alert('Incorrect Password');</script>";
}
?>

```

```

<?php
include 'connect.php';
if (isset($_POST['submit'])) {
    $name = $_POST['name'];
    $email = $_POST['email'];
    $phone = $_POST['phone'];
    $address = $_POST['address'];
    $bookservice = $_POST['bookService'];
    $bookmember = $_POST['bookMember'];
    $eventDT = $_POST['eventdt'];

    $sql = "insert into
`crud` (Name,Email,Phone,Address,bookService,bookMember,eventdt)
values('$name','$email','$phone','$address','$bookservice','$bookmember',
'$eventDT')";
    $result = mysqli_query($con, $sql);
    if ($result) {
        echo "Data inserted successfully";
        header('location:thankyou.php');
    }
}
?>

```

```

} else {
    die(mysqli_error($con));
}
?>

```

## Why JavaScript ?

- **Single Language for Frontend and Backend**

Using JavaScript with Node.js allows you to develop both the frontend and backend of your application using a single programming language, which can streamline development and make it easier to find developers.

- **Non-blocking, Asynchronous I/O**

Node.js leverages an event-driven design and non-blocking I/O, enabling efficient management of multiple concurrent connections and the development of scalable, high-performance applications.

- **Rich Ecosystem**

JavaScript has a vast ecosystem with a wide range of libraries and frameworks available, which can help you build feature-rich applications quickly.

- **Real-time Applications**

real-time applications like chat applications, online gaming platforms, or live data streaming services due to its asynchronous nature and ability to handle real-time data efficiently.

- **Easy to Scale**

Node.js applications are easy to scale, both horizontally and vertically, which can be important if you expect your application to grow and serve many users.

```

/**
 * Back to top button
 */
let backtotop = select('.back-to-top')
if (backtotop) {

```



```

const toggleBacktotop = () => {
  if (window.scrollY > 100) {
    backtotop.classList.add('active')
  } else {
    backtotop.classList.remove('active')
  }
}
window.addEventListener('load', toggleBacktotop)
onscroll(document, toggleBacktotop)
}

```

## Conclusion

By choosing PHP and JavaScript (Node.js) as backend technologies, you can take advantage of the strengths of both languages, such as PHP's maturity and web development focus, along with JavaScript's versatility and performance capabilities

## Cloud Service and Connections

### Why AWS ?

- **Plan your Architecture**

Before starting, define your requirements and plan your infrastructure architecture accordingly. Consider factors like scalability, availability, security, and cost optimization.

- **Choose the right services**

AWS offers a vast array of services. Select the ones that align with your requirements. For example, EC2 for virtual servers, S3 for object storage, RDS for managed databases, Lambda for serverless computing, etc.

- **Security**

Implement proper security measures to protect your AWS resources. Use IAM to control access, encrypt sensitive data using AWS Key Management Service (KMS), and follow AWS security best practices.

- **Cost optimization**

- 
- AWS offers various pricing models, and costs can add up quickly if not managed properly. Monitor your resource usage, leverage tools like AWS Cost Explorer and AWS Trusted Advisor and consider utilizing services like EC2 Spot Instances or Reserved Instances for cost savings.
- **High availability and fault tolerance**  
Leverage AWS services to design highly available and fault-tolerant systems. Use Elastic Load Balancers (ELB) for distributing traffic, configure Auto Scaling to handle variable workloads, and consider deploying across multiple Availability Zones (AZs) for redundancy.
  - **Automation and orchestration**  
AWS provides automation tools like AWS CloudFormation and AWS Elastic Beanstalk. Use Infrastructure as Code (IaC) to provision and manage your AWS resources consistently and consider utilizing AWS Lambda and AWS Step Functions for serverless workflows.
  - **Monitoring and logging**  
Set up monitoring and logging to gain insights into your AWS environment. Use services like Amazon CloudWatch for monitoring resource utilization and performance and enable logging for services to track and analyze events and errors.
  - **Disaster recovery**  
Implement a disaster recovery plan to ensure business continuity. Consider utilizing services like Amazon S3 for data backups, AWS Storage Gateway for hybrid cloud storage, and AWS Backup for centralized backup management.
  - **Networking**  
Configure your networking components appropriately. Use Amazon VPC to create isolated virtual networks, set up security groups and network access control lists (ACLs) for controlling traffic, and consider using AWS Direct Connect for dedicated network connectivity.
  - **Documentation and Support**

Take advantage of the extensive AWS documentation, whitepapers, and best practice guides. Additionally, AWS offers support plans with varying levels of assistance, including access to the AWS Support Center and technical support from AWS experts.

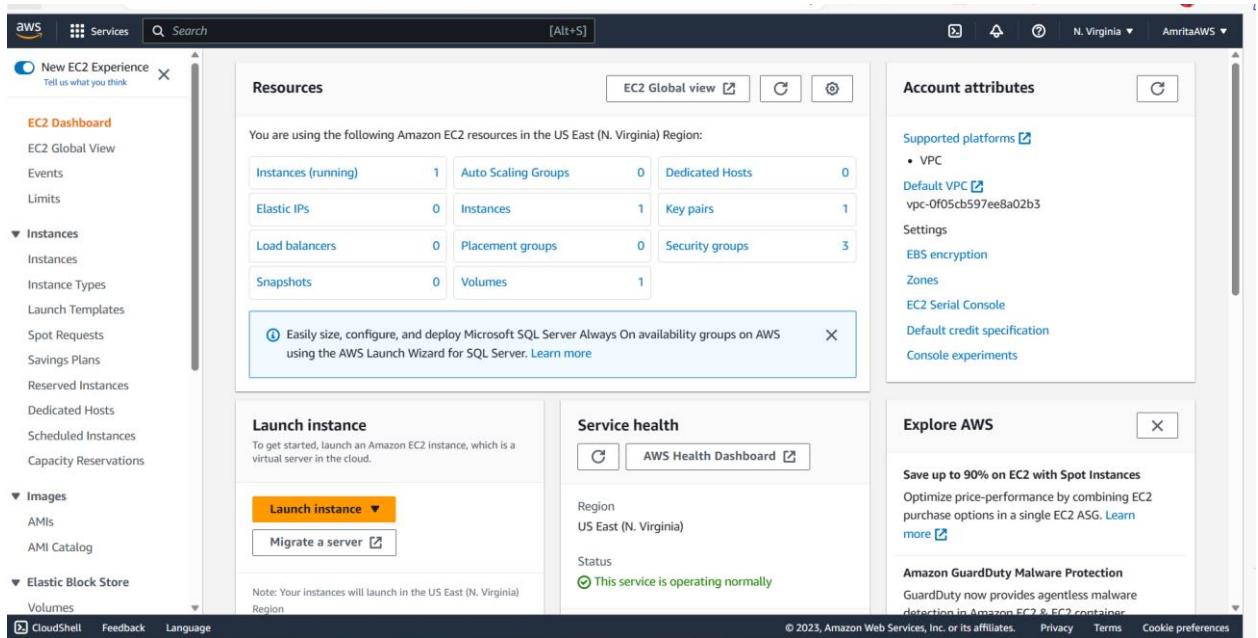


Figure 50 : AWS Management Console Page

The screenshot shows the AWS EC2 Instances details page for an instance named 'i-0d8e4ca7ef45d3b0e (LAMP-Stack)'. The instance summary table includes the following data:

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0d8e4ca7ef45d3b0e (LAMP-Stack)	54.82.118.133   open address	172.31.27.125
IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-54-82-118-133.compute-1.amazonaws.com   open address
Hostname type	Private IP DNS name (IPv4 only)	Elastic IP addresses
IP name: ip-172-31-27-125.ec2.internal	ip-172-31-27-125.ec2.internal	-
Answer private resource DNS name	Instance type	AWS Compute Optimizer finding
IPv4 (A)	t2.micro	<a href="#">Opt-in to AWS Compute Optimizer for recommendations.</a>
Auto-assigned IP address	VPC ID	Learn more
54.82.118.133 [Public IP]	vpc-0f05cb597ee8a02b3	
IAM Role	Subnet ID	Auto Scaling Group name
-	subnet-0df00bd9bedee641b	-
IMDSv2		
Optional		

The 'Details' tab is selected at the bottom of the page. The browser address bar shows the URL: <https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetailsInstanceId=i-0d8e4ca7ef45d3b0e>.

Figure 51 : Instance Created for the Website

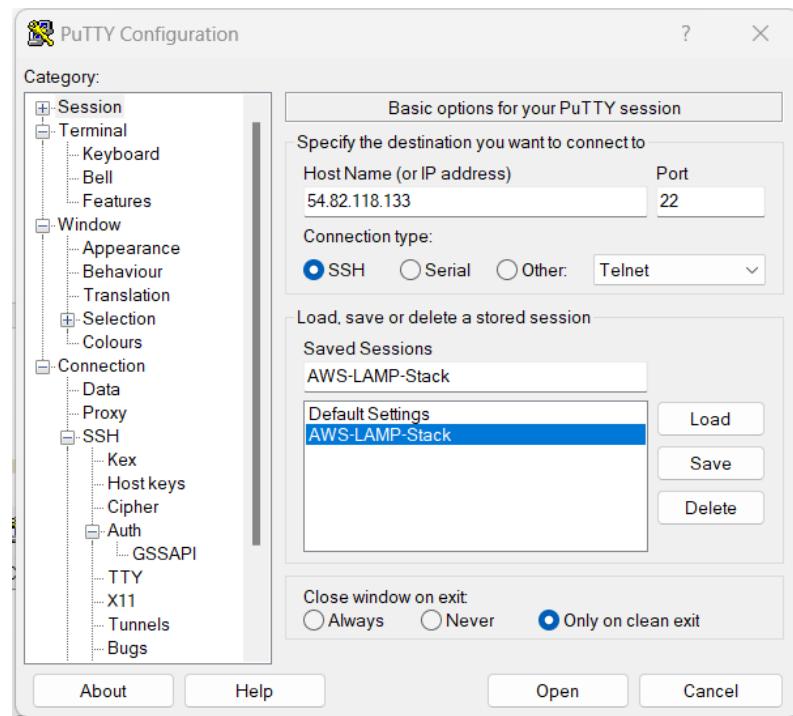


Figure 52 : Putty Login with Instance Details

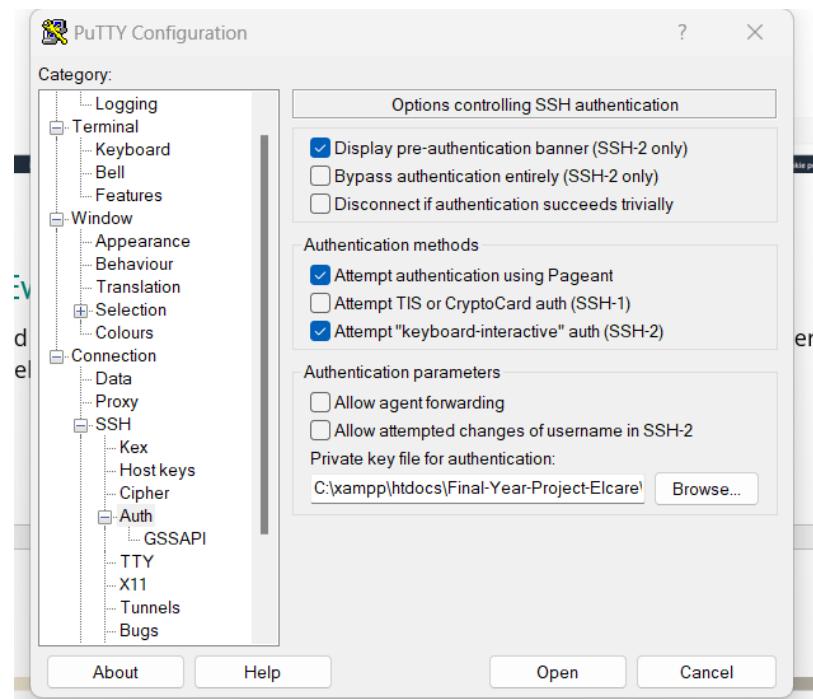


Figure 53 : Putty Login with Private Key

LAMP-Stack.pem	22/04/2023 17:50	PEM File	2 KB
LAMP-Stack.ppk	22/04/2023 17:50	PutTY Private Key ...	2 KB

Figure 54 : .pem and .ppk files for the Instance key

```
ubuntu@ip-172-31-27-125:~$ login as: ubuntu
[...] Authenticating with public key "imported-openssh-key"
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-1031-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

 System information as of Thu May 11 12:31:55 UTC 2023

 System load: 0.0           Processes:          108
 Usage of /: 41.1% of 7.57GB   Users logged in:      0
 Memory usage: 63%           IPv4 address for eth0: 172.31.27.125
 Swap usage: 0%

 * Ubuntu Pro delivers the most comprehensive open source security and
 compliance features.

 https://ubuntu.com/aws/pro

 * Introducing Expanded Security Maintenance for Applications.
 Receive updates to over 25,000 software packages with your
 Ubuntu Pro subscription. Free for personal use.

 https://ubuntu.com/aws/pro

Expanded Security Maintenance for Applications is not enabled.

17 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

2 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm
```

Figure 55 : Login as Ubuntu (Linux Instance)



## INSTALL LAMP STACK ON AWS - UBUNTU 18

### Step 1 – Installing Apache and Updating the Firewall

```
sudo apt update  
sudo apt upgrade  
sudo apt install apache2  
  
sudo ufw app list  
  
sudo ufw app info "Apache Full"  
  
sudo ufw allow in "Apache Full"
```

APACHE INSTALLED SUCCESFULLY TILL HERE, YOU CAN CHECK BY ENTERING YOUR PUBLIC IP OR PUBLIC DNS ADDRESS - [http://your\\_server\\_ip](http://your_server_ip)

=====

### Step 2 – Installing MySQL

```
sudo apt install mysql-server  
sudo mysql_secure_installation  
sudo mysql
```

```
SELECT user,authentication_string,plugin,host FROM mysql.user;
```

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY  
'password'; // please note here replace the "password" with yours.
```

```
FLUSH PRIVILEGES;
```

```
SELECT user,authentication_string,plugin,host FROM mysql.user;  
exit
```

At this point, your database system is now set up and you can move on to installing PHP, the final component of the LAMP stack.

=====

### Step 3 – Installing PHP

```
sudo apt install php libapache2-mod-php php-mysql
```

In most cases, you will want to modify the way that Apache serves files when a directory is requested. Currently, if a user requests a directory from the server, Apache will first look for a file called index.html. We want to tell the web server to prefer PHP files over others, so make Apache look for an index.php file first.

```
sudo nano /etc/apache2/mods-enabled/dir.conf
```

Move the PHP index file (highlighted above) to the first position after the DirectoryIndex specification, like this:

```
<IfModule mod_dir.c>
    DirectoryIndex index.php index.html index.cgi index.pl index.xhtml
    index.htm
</IfModule>
```

```
-----
sudo systemctl restart apache2
sudo systemctl status apache2
```

Press Q to exit this status output.

Check PHP Version by entering  
php -v

Install the commonly required php modules by using the below commands - do remember replace the php version number with your by checking the php -v command

For Example if the php -v command shows 7.4 version installed then you have to replace the 7.2 with 7.4 in the below command

```
sudo apt install php7.2-common php7.2-mysql php7.2-xml php7.2-xmlrpc
php7.2-curl php7.2-gd php7.2-imagine php7.2-cli php7.2-dev php7.2-imap
php7.2-mbstring php7.2-opcache php7.2-soap php7.2-zip php7.2-intl -y
```

```
sudo systemctl restart apache2
```

```
=====
Step 4 – Testing PHP Processing on your Web Server
```

```
sudo nano /var/www/html/info.php
```

This will open a blank file. Add the following text, which is valid PHP code, inside the file:

```
<?php  
phpinfo();  
?>
```

The address you will want to visit is:

[http://your\\_ip/info.php](http://your_ip/info.php)

You will get the php info page

=====

#### PHPMYADMIN INSTALL STEPS BELOW

##### Step 1 – Installing phpMyAdmin

```
sudo apt update  
sudo apt install phpmyadmin php-mbstring php-gettext
```

Warning: When the prompt appears, “apache2” is highlighted, but not selected. If you do not hit SPACE to select Apache, the installer will not move the necessary files during installation. Hit SPACE, TAB, and then ENTER to select Apache.

```
sudo phpenmod mbstring  
sudo systemctl restart apache2
```

=====

[http://your\\_domain\\_or\\_IP/phpmyadmin](http://your_domain_or_IP/phpmyadmin)

=====PERMISSIONS

ADJUSTMENT=====

##### Step 2: Locate the PHP configuration file

Determining the right PHP configuration file can be very confusing especially because the ‘php.ini’ file can be located on a different folder depending on the PHP version.

The correct php.ini file should be in the Apache directory (e.g. '/etc/php/7.1/apache2/php.ini'). This will depend on the version of PHP. For instance, in Php7.2, the configuration file is located on '/etc/php/7.2/apache2/php.ini'

=====

### Step 3: Edit the Php Configuration file

```
sudo nano /etc/php/7.1/apache2/php.ini
```

Standard 'php.ini' settings file - Change the INI settings according to the below values:

```
memory_limit = 128M  
upload_max_filesize = 50M  
post_max_size = 50M  
max_execution_time = 120
```

```
sudo service apache2 restart
```

### Step 4: Verify the php.ini settings

Refreshing the info.php page should now show your updated settings. Remember to remove the info.php when you are done changing your PHP configuration.

=====

### Important Notes - Common Issues during/after PHP Install

#### MOST IMPORTANT

PERMISSION - YOU SHOULD OWN THE FILE BEFORE YOU CAN EDIT - YOU SHOULD KNOW THE USERNAME OF THE OPERATING SYSTEM.

=====

Issues: Website pages not visible, not able to edit the files/folder , permsission denied issue, .htaccess not able to rewrite links.

Execute the Comands below to set proper file permissions on Directories and files.

```
sudo chown -R ubuntu:root /var/www/html
sudo find html -type d -exec chmod 775 {} \;
sudo find html -type f -exec chmod 664 {} \;

=====
```

#### Enabling mod\_rewrite on apache2

By default, Apache does not allow the use of ‘.htaccess’ file so you will need to edit the configuration of each website’s virtual host file by adding the following code:

OWN THE APACHE2 FOLDER FIRST IF YOU WANT TO EDIT VIA FILEZILLA OR FTP -  
 sudo chown -R ubuntu:root /etc/apache2/ - Revert back to root:root chown when done.

#### OR VIA SSH TERMINAL

```
sudo nano /etc/apache2/apache2.conf
```

Change the setting as below : AllowOverride All

```
<Directory /var/www/html>
    Options Indexes FollowSymLinks MultiViews
    AllowOverride All
    Require all granted
</Directory>
```

-----

```
sudo a2enmod rewrite
sudo service apache2 restart
```

=====

TO VERIFY ANY CONFIG ERRORS OR MISTAKE OR SYSNTAX ERRORS IN APACHE CONFIG FILE, RUN THE BELOW COMMAND - Its should show Syntax OK , if it not then there is some error in config due to which apache will not start.

```
sudo service apache2 status (Press Q to exit)
```

```
# apachectl configtest
Syntax OK
```

```
# apachectl -t
Syntax OK
```

Commands to Install LAMP Stack and Upload Website on Instance

The WinSCP interface shows two panes. The left pane displays the local directory structure on the user's Windows desktop, including folders like 'Final-Year-Project-Eicare' and files like 'index.php'. The right pane shows the remote directory structure on the EC2 instance at '/var/www/html/public/'. Both panes show a list of files with columns for Name, Size, Changed, Rights, and Owner. The 'Rights' column indicates file permissions (e.g., rw-rw-r--). The 'Owner' column shows 'www-data' for most files.

Figure 56 : Website Files on localhost and Cloud with WinSCP

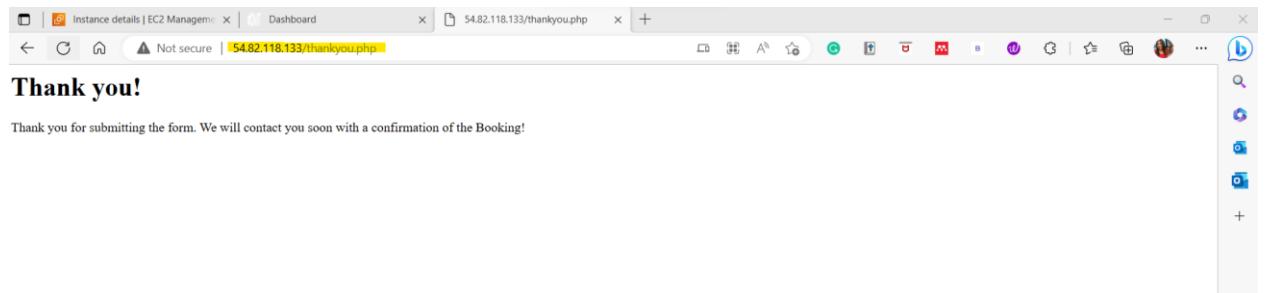


Figure 57 : Website Running on Instance

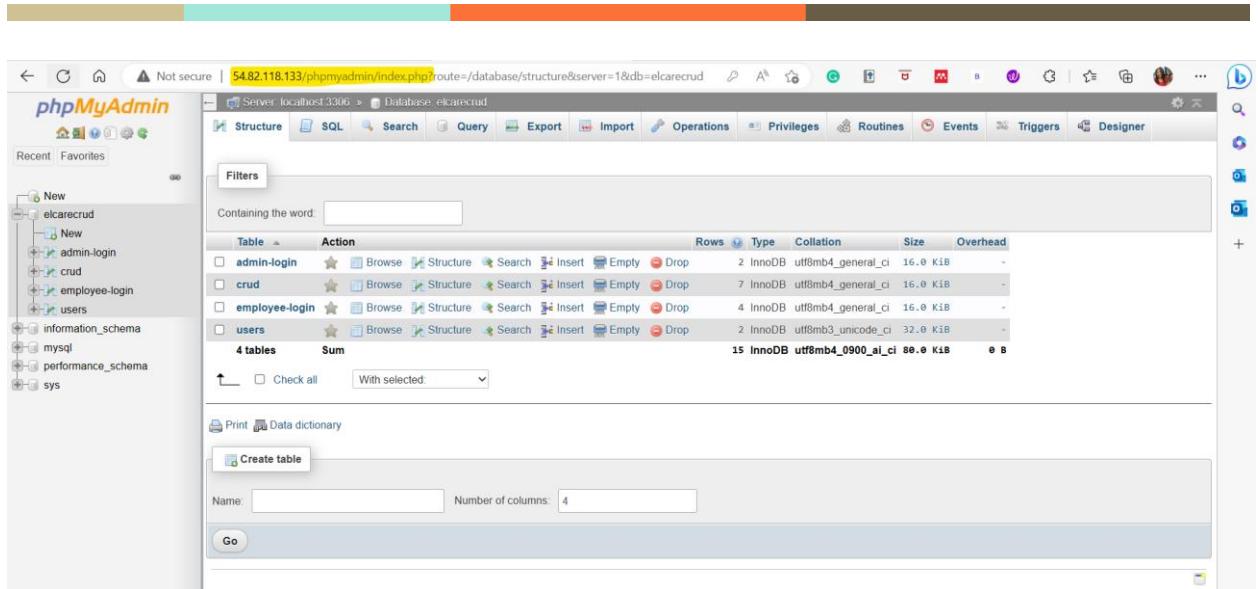


Figure 58 : DB running on Instance

## Testing /Evaluation

Testing and evaluation are critical components of developing a successful elderly service booking website. Here are some ways to test and evaluate the website:

- **Usability testing**

Conducting usability testing with elderly users can help ensure that the website is easy to use and understand. Test users can be asked to perform various tasks such as finding and booking a service, leaving a review, or navigating the website.

- **Accessibility testing**

Accessibility testing can ensure that the website is accessible to elderly users with different abilities. This testing can include using assistive technologies, such as screen readers or magnifiers, to test the website's functionality.

- **Performance testing**



Performance testing can ensure that the website can handle the expected traffic and load times. This testing can include stress testing, load testing, and performance monitoring.

- **Security testing**

Security testing can ensure that the website is secure and can protect user data. This testing can include penetration testing, vulnerability scanning, and security code reviews.

- **User feedback**

Collecting user feedback through surveys or feedback forms can help identify areas for improvement and provide insight into user needs and preferences.

- **Analytics and metrics**

Tracking website analytics and metrics, such as user engagement, conversion rates, and bounce rates, can provide insights into how users are interacting with the website and help identify areas for improvement.

Throughout the development of the website, continuous testing and evaluation should be conducted to ensure that it effectively caters to the needs and expectations of elderly users and their caregivers. This ongoing process is crucial for achieving a website that meets their requirements.

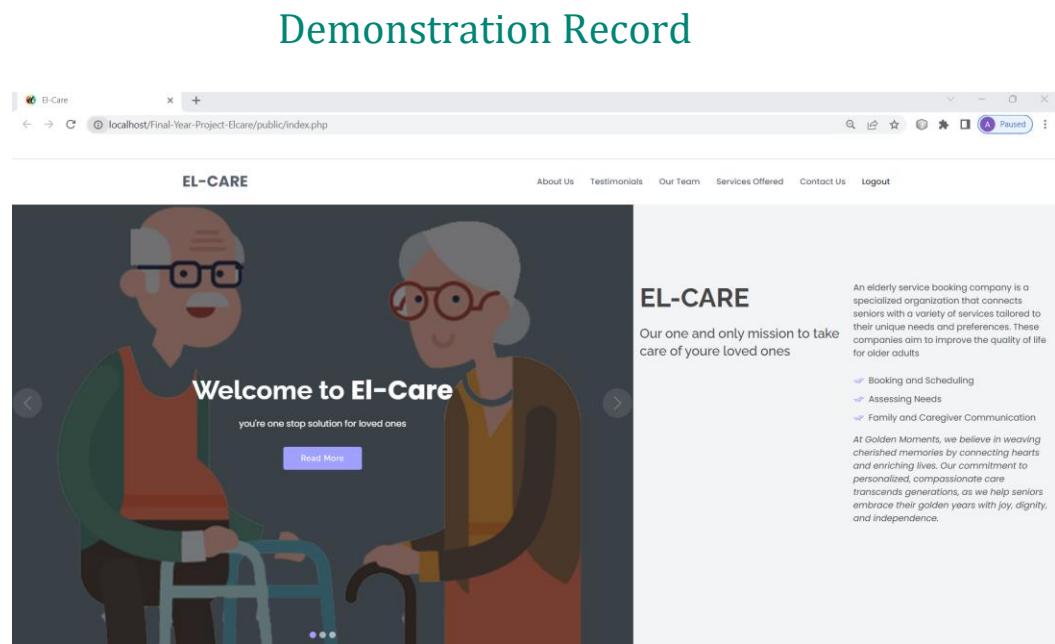


Figure 59 : Website Home Page

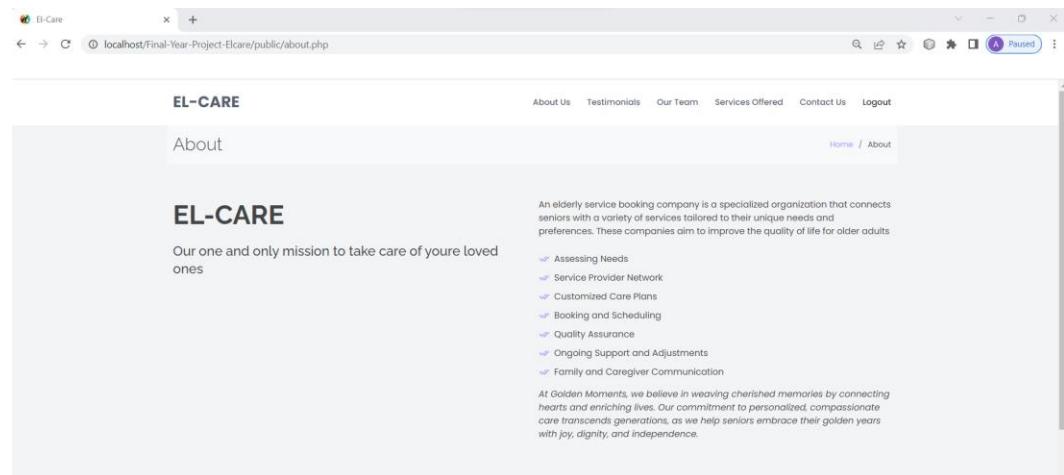


Figure 60 : About Us Page

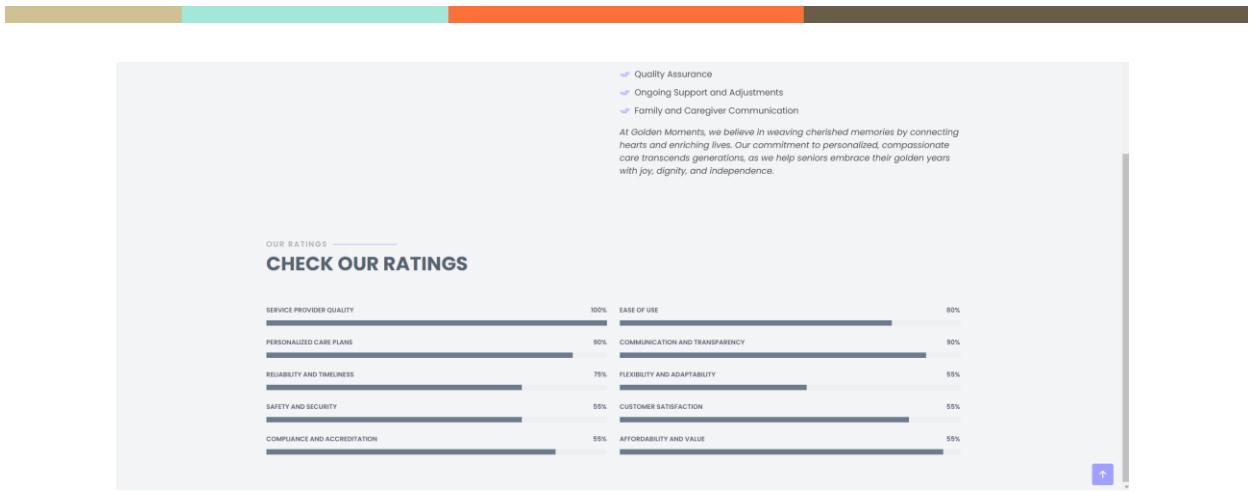


Figure 61 : About Us Page Continued

The screenshot shows the 'Testimonials' page of the website. The browser title bar says 'El-Care' and the URL is 'localhost/Final-Year-Project-Elcare/public/testimonials.php'. The page has a header with the 'EL-CARE' logo and navigation links for 'About Us', 'Testimonials', 'Our Team', 'Services Offered', and 'Contact Us'. Below the header is a breadcrumb trail 'Home / Testimonials'. The main content area is titled 'Testimonials' and contains four testimonial cards arranged in a grid:

- Saul Goodman**, Ceo & Founder: 'I cannot express enough gratitude for the El-Care elderly service booking app. As someone responsible for my aging parents' care, this app has been a true lifesaver. The easy-to-navigate platform has made it incredibly simple to find and book services tailored to my parents' unique needs and preferences.' (Rating: 99)
- Sara Wilsson**, Designer: 'Before discovering this app, managing my father's care and support services felt overwhelming and time-consuming. However, El-Care has truly transformed our experience. The app is extremely user-friendly, making it easy to navigate and find the appropriate services for my father's unique needs.' (Rating: 99)
- Jena Karlis**, Store Owner: 'I can't say enough about how much El-Care has impacted our family in the most positive way. My mother, who is 78 years old, had been struggling with daily tasks and feeling isolated due to limited mobility. We were unsure how to find the right support services to meet her needs, but SilverConnections made it easy for us to find the perfect solution.' (Rating: 99)
- Matt Brandon**, Freelancer: 'Finding suitable services for my elderly parents was a daunting and time-consuming task. To ensure they received the best care possible, but coordinating the various services they needed was overwhelming. El-Care is incredibly user-friendly and intuitive, making it easy to find, book, and manage services tailored to my parents' unique needs.' (Rating: 99)

Figure 62 : Testimonials Page

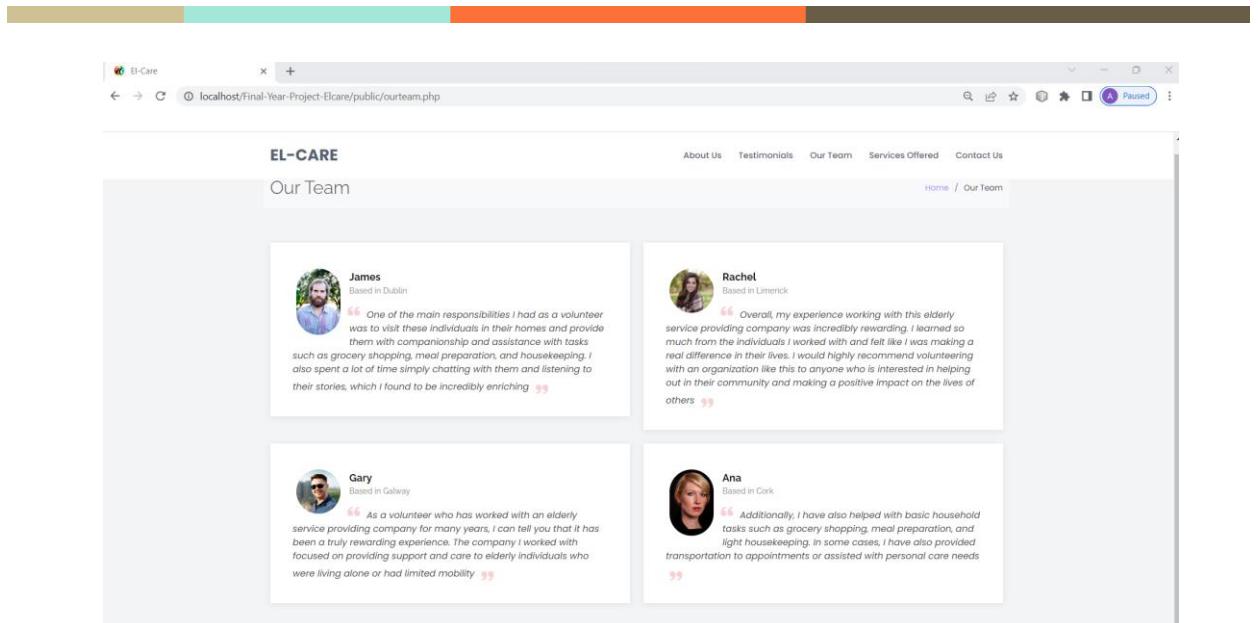


Figure 63 : Our Team Page

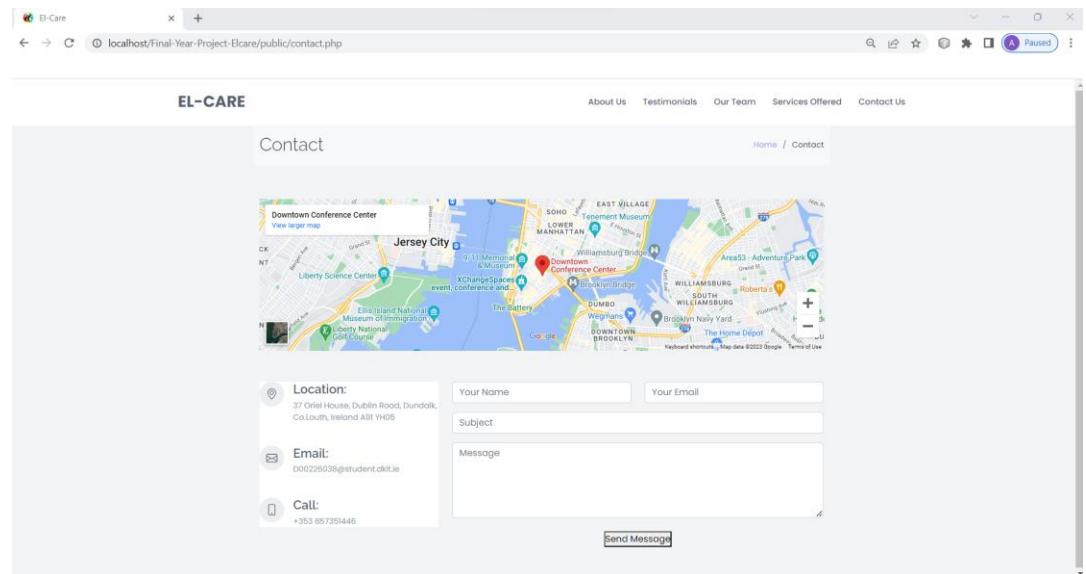


Figure 64 : Contact Us Page

The screenshot shows the 'Contact' page of the EL-CARE website. At the top, there's a navigation bar with links to 'About Us', 'Testimonials', 'Our Team', 'Services Offered', and 'Contact Us'. Below the navigation is a map of New York City, specifically focusing on Manhattan and Brooklyn, with several location markers. Underneath the map, there are three input fields: 'Location', 'Email', and 'Call'. The 'Location' field contains the text '37 Orrel House, Dublin Road, Dundalk, Co.Louth, Ireland A81 YH05'. The 'Email' field contains 'amritagirl610@gmail.com'. The 'Call' field contains '+353 857251446'. To the right of these fields is a text area containing the message 'This is a Test Message for the Contact Form' and a 'Send Message' button.

Figure 65 : Contact Page Data Entry

The screenshot shows a confirmation message from Formspree. The message reads 'Thanks!' and 'The form was submitted successfully.' Below this message is a red link labeled 'Go back'.

Figure 66 : Form Submission Via Formspree

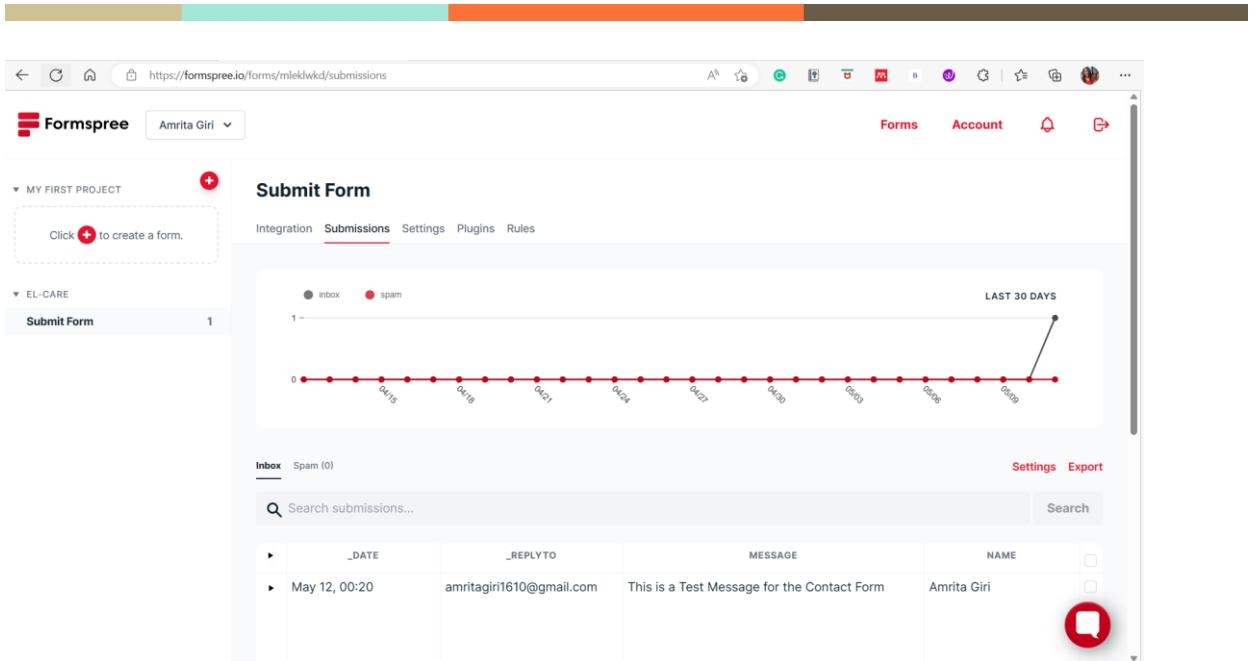


Figure 67 : Collecting Form Data in Formspree

The screenshot shows a browser window for "EL-CARE" at [localhost/Final-Year-Project-Elcare/public/services.php](http://localhost/Final-Year-Project-Elcare/public/services.php). The page has a header with "EL-CARE" and links to "About Us", "Testimonials", "Our Team", "Services Offered", and "Contact Us". Below the header is a breadcrumb navigation "Home / Services". The main content is titled "Services" and lists four services:

- 1. Crash Course Internet**: A Crash Course in Internet: Master the Online World
- 2. Volunteer for Hospital Travel**: Volunteer Travel Adventures: Discover, Connect, and Make a Difference
- 3. Pickup and Drop Medicines**: Hassle-Free Medicine Pickup & Drop Service
- 4. Accompany to Bank/Revenue Office**: PublicServe: Streamlined Public Office Pickup & Drop Solutions

Figure 68 : Services Page

This screenshot continues the services page. At the top, there's a "SERVICES" menu and a "CHECK OUR SERVICES" button. Below that, there are two columns of service descriptions:

Crash Course Internet	Crash Course Internet
Volunteer for Hospital Travel	A Crash Course in Internet: Master the Online World
Pickup and Drop Medicines	"A Crash Course in Internet" is a comprehensive and easy-to-follow online course designed for individuals looking to build a strong foundation in internet literacy. This course covers essential topics such as browsing, searching, email, social media, online privacy, and cybersecurity. With engaging lessons and practical tips, you'll gain the knowledge and confidence to navigate the digital landscape safely and efficiently. Join thousands of satisfied students and start your journey towards becoming an internet-savvy user today!
Accompany to Bank/Revenue Office	

Figure 69 : Services Page Continued

The screenshot shows a web browser window with the title 'CRUD Operation'. The URL in the address bar is 'localhost/Final-Year-Project-Elcare/public/user.php'. The page contains a form with the following fields:

- Name: A text input field with placeholder text 'Enter your Name'.
- Email: A text input field with placeholder text 'Enter your Email'.
- Phone: A text input field with placeholder text 'Enter your Phone Number'.
- Address: A text input field with placeholder text 'Enter your Address'.
- Book Service: A dropdown menu showing '(1,2,3,4)'.
- Book Member: A dropdown menu showing '(Ana, Gary, Rachel, James)'.
- Date & Time: A date input field with placeholder text 'dd/mm/yyyy --::--'.
- Submit: A blue 'Submit' button.

Figure 70 : Booking Form Page

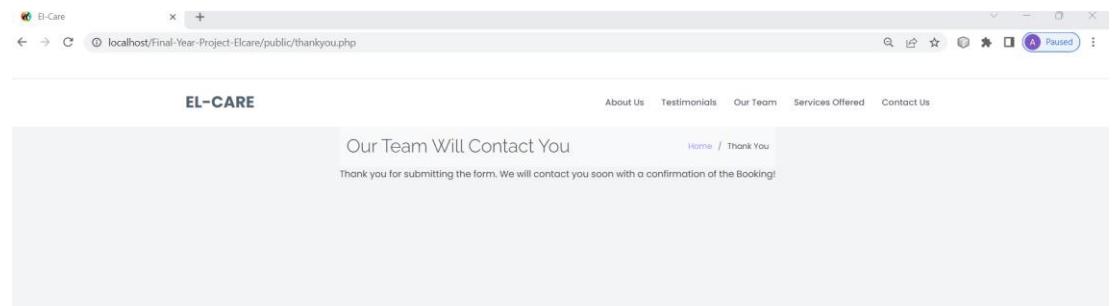


Figure 71 : Booking Confirmation Page

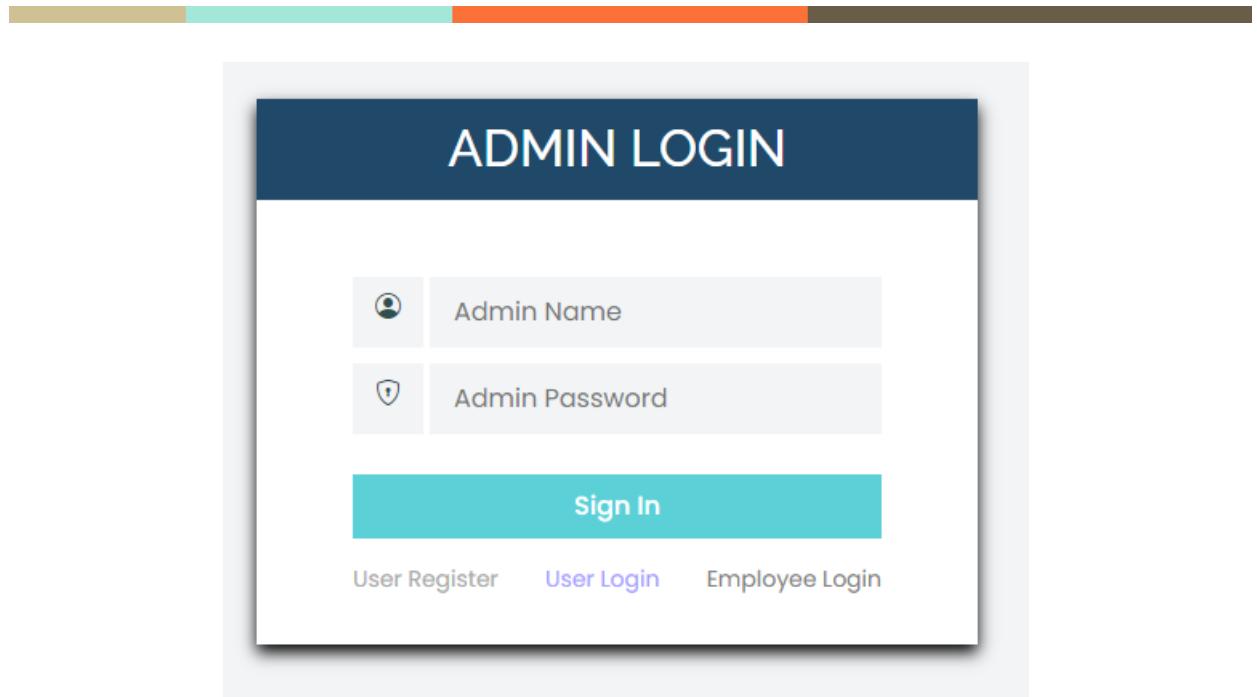


Figure 72 : Admin Login Page

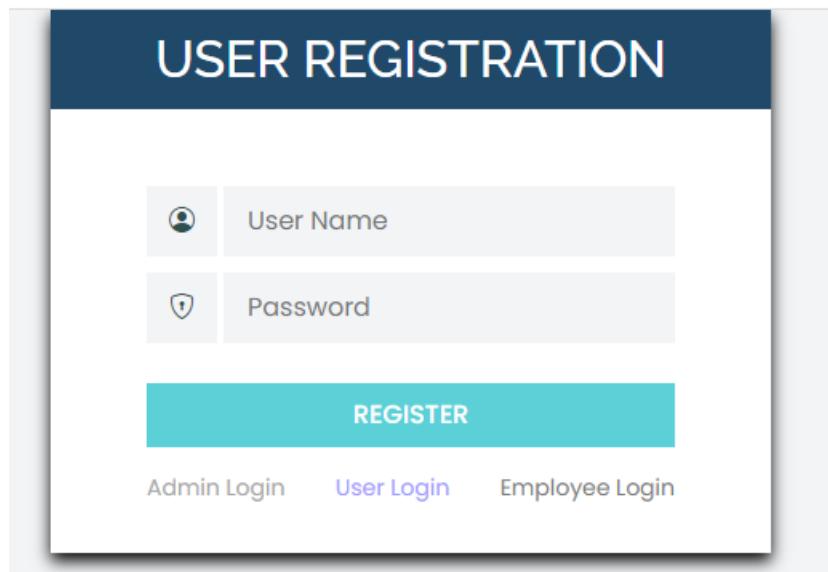


Figure 73 : User Registration Page

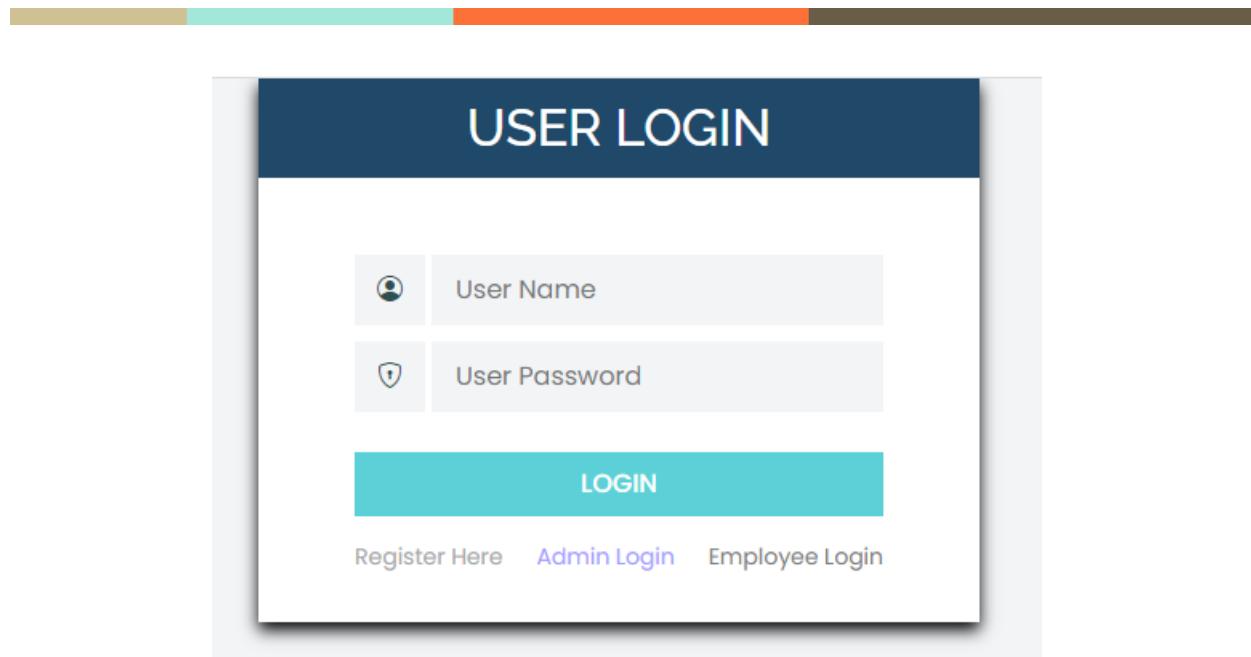


Figure 74 : User Login Page

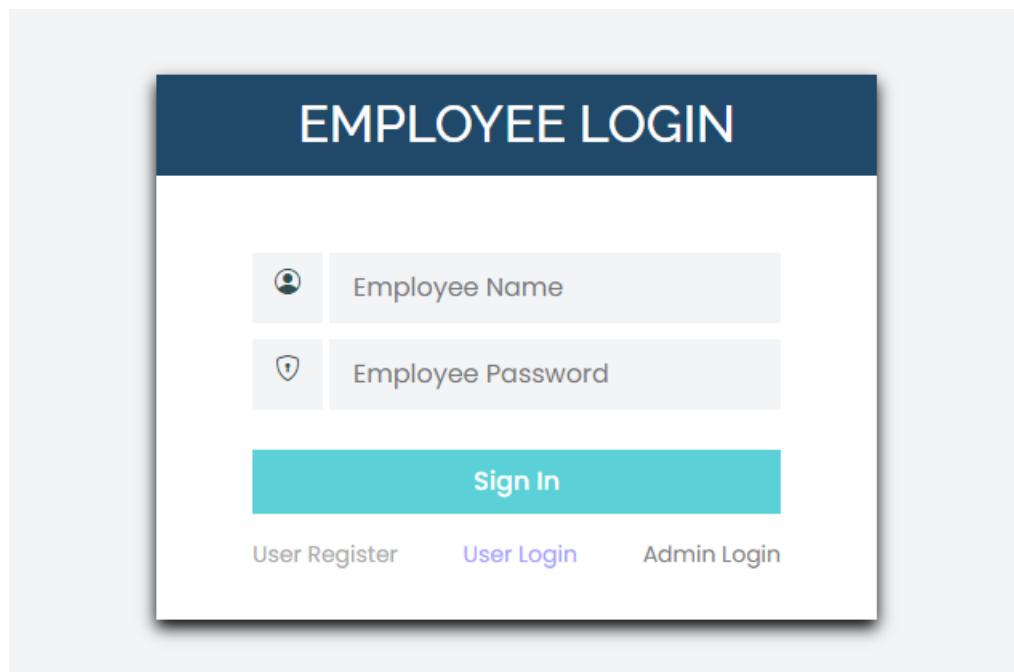


Figure 75 : Employee Login Page

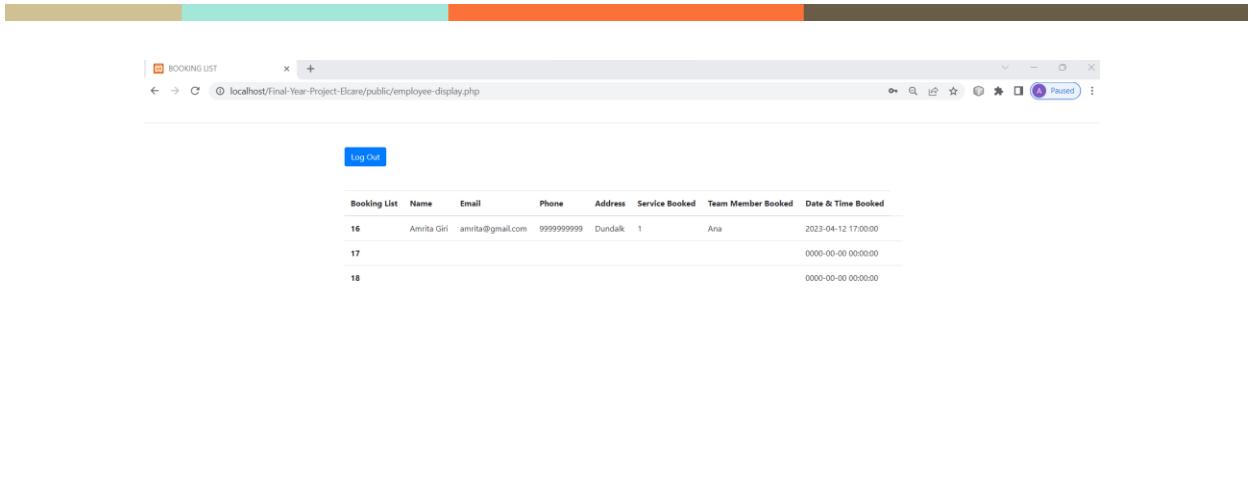


Figure 76 : Employee Login Display List

Booking List	Name	Email	Phone	Address	Service Booked	Team Member Booked	Date & Time Booked	Operations
16	Amrita Giri	amrita@gmail.com	9999999999	Dundalk	1	Ana	2023-04-12 17:00:00	<a href="#">Update</a> <a href="#">Delete</a>
17							0000-00-00 00:00:00	<a href="#">Update</a> <a href="#">Delete</a>
18							0000-00-00 00:00:00	<a href="#">Update</a> <a href="#">Delete</a>

Figure 77 : Admin Login Display List

## CONCLUSIONS

### original aims and objectives of the project

As a student working on an elderly service booking website, there were several reasons why I might not have been able to meet the original aims and objectives.



- **Limited expertise and experience**

As a student, I have faced limitations in terms of my technical skills, knowledge, and experience in website development and project management. Building a fully functional and user-friendly website with complex features requires expertise in various areas such as coding, design, and usability testing. If I lacked the necessary expertise or guidance, it could have hindered my ability to achieve the original aims and objectives.

- **Time constraints and competing priorities**

Balancing academic commitments, personal obligations, and extracurricular activities can be challenging. I had limited time to dedicate to the project or had to juggle multiple responsibilities simultaneously, it impacted my progress. Insufficient time and attention to the project can result in delays, rushed work, or an inability to fully implement the intended features, thus affecting the achievement of the original aims and objectives.

- **Limited resources and support**

As a student, I encountered resource constraints, such as limited access to funding, software tools, or technical support. Lack of financial resources could have limited your ability to invest in necessary components, such as domain registration or hosting. Additionally, limited access to mentorship or guidance from experienced professionals could have made it difficult to overcome technical challenges or make informed decisions, impacting the overall success of the project.

- **User feedback and testing limitations**

Developing a user-centered website requires gathering feedback and conducting usability testing with the target audience. As a student, I faced challenges in recruiting a diverse group of elderly users or lacked the resources to conduct comprehensive user testing. Insufficient user

feedback can result in design or functionality gaps that prevent the website from meeting the needs and expectations of its intended users.

- **Evolving project scope and requirements**

Throughout the course of the project, I encountered changes in the project's scope or requirements. These changes could have been due to evolving user view, feedback from supervisors, or a deeper understanding of the problem space. Adapting to these changes within the constraints of time and resources can be demanding, and it might have led to deviations from the original aims and objectives.

It's important to recognize that as a student, I faced unique challenges when working on a project like an elderly service booking website. Reflecting on these challenges can provide valuable insights into areas for improvement and help inform future projects or initiatives. Remembering that learning from setbacks is an essential part of the learning experience and can contribute to my growth as a student and aspiring professional.

## Experience of undertaking an individual project

Undertaking an individual project was a rewarding and challenging experience. It provides an opportunity to take ownership of a project from start to finish, allowing you to apply your skills, knowledge, and creativity in a focused and independent manner. I learnt the following during this year

- **Project Selection**
- **Defining Objectives**
- **Planning and Scheduling**
- **Research and Preparation**
- **Execution and Implementation**
- **Problem-solving and Iteration**
- **Documentation**
- **Evaluation and Reflection**

- 
- **Presentation and Communication**
  - **Learning and Growth**

## Evidence that student understands and is aware of the limitations of the work conducted and would be able to develop it further in future work

- To establish partnerships with reputable service providers specializing in healthcare, personal care, home maintenance, leisure activities, and transportation, to offer a diverse and comprehensive range of services for the elderly users.
- To promote the elderly service booking website through targeted marketing campaigns, community outreach, and collaboration with relevant organizations, ensuring widespread awareness and adoption of the platform among the target demographic.
- To evaluate the impact of the platform on the quality of life and independence of elderly users, by tracking key performance indicators such as user satisfaction, frequency of service bookings, and reduction in barriers to access essential services.
- To create a supportive online community within the platform, where elderly users can engage with each other, share experiences, and receive peer-to-peer support, thus fostering social interaction and reducing feelings of isolation.
- The website will also have a review system that allows users to leave feedback about the service they received. This will help other users make informed decisions when selecting a service provider.
- To ensure the safety of the elderly, the website will verify the service providers' credentials and conduct background checks on them.
- The website will also have a system in place to handle complaints and resolve disputes between service providers and users.

- To include payment system in future with Stripe or PayPal or Gpay
- To see the business aspect and considering following a App Development Approach as well

## APPENDICES

For the convenience of sharing the source code and related project files, the GitHub repository link is provided below:

### **Source Code (Major Pages)**

Admin-login.php

```
<?php
require("connect.php");

/**
 * Include ircmaxell's password_compat library.
 */
require 'password.php';
?>

<html>

<head>
    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0"
name="viewport">

    <title>El-Care</title>
    <meta content="" name="description">
    <meta content="" name="keywords">

    <!-- Favicons -->
    <link href="assets/img/favicon-logo.png" rel="icon">
    <link href="assets/img/favicon-logo.png" rel="apple-touch-icon">

    <!-- Google Fonts -->
    <link
        href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i
,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|P
oppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">
```

```
<!-- Vendor CSS Files -->
<link href="assets/vendor/animate.css/animate.min.css"
rel="stylesheet">
<link href="assets/vendor/bootstrap/css/bootstrap.min.css"
rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css"
rel="stylesheet">
<link href="assets/vendor/glightbox/css/glightbox.min.css"
rel="stylesheet">
<link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="assets/vendor/swiper/swiper-bundle.min.css"
rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/mystyle.css" rel="stylesheet">
<meta charset="utf-8" name="viewport" content="width=device-width,
initial-scale=1.0, shrink-to-fit=no">
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.7.2/font/bootstrap-icons.css">
</head>

<body>

<div class="login-form">
    <h2>ADMIN LOGIN</h2>
    <form method="POST" action=<?php echo
htmlspecialchars($_SERVER['PHP_SELF']) ?>>
        <div class="input-field">
            <i class="bi bi-person-circle"></i>
            <input type="text" placeholder="Admin Name"
name="AdminName">
        </div>
        <div class="input-field">
            <i class="bi bi-shield-lock"></i>
            <input type="password" placeholder="Admin Password"
name="AdminPassword">
        </div>

        <button type="submit" name="Signin">Sign In</button>
    <div class="extra">
```

```

        <a href="register.php">User Register</a>
        <a href="login.php">User Login</a>
        <a href="employee-login.php">Employee Login</a>
    </div>

    </form>
</div>

<?php

if (isset($_POST['Signin'])) {
    $query = "SELECT * FROM `admin-login` WHERE
`Admin_Name` = '".$_POST[AdminName]' AND
`Admin_Password` = '".$_POST[AdminPassword]' ;
    $result = mysqli_query($con, $query);
    if (mysqli_num_rows($result) == 1) {
        session_start();
        $_SESSION['AdminLoginId'] = $_POST['AdminName'];
        header("location: display.php");
    } else {
        echo "<script>alert('Incorrect Password');</script>";
    }
}

?>

<a href="#" class="back-to-top d-flex align-items-center justify-
content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-
layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script
src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</body>
```



```
</html>
```

### Delete.php

```
<?php
include 'connect.php';
if (isset($_GET['deleteid'])) {
    $id = $_GET['deleteid'];

    $sql = "delete from `crud` where Id=$id";
    $result = mysqli_query($con, $sql);
    if ($result) {
        //echo "Deleted Successfully";
        header('location:display.php');
    } else {
        die(mysqli_error($con));
    }
}
```

### Display.php

```
<?php
include 'connect.php';
?>

<!doctype html>
<html lang="en">

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css">

    <title>CRUD Operation</title>
</head>

<body>
    <div class="container">
        <button class="btn btn-primary my-5">
```

```
<!-- <a href="user.php" class="text-light">Add Booking</a> -->
<a href="admin-login.php" class="text-light">Log Out</a>
</button>

<table class="table">
    <thead>
        <tr>
            <th scope="col">Booking List</th>
            <th scope="col">Name</th>
            <th scope="col">Email</th>
            <th scope="col">Phone</th>
            <th scope="col">Address</th>
            <th scope="col">Service Booked</th>
            <th scope="col">Team Member Booked</th>
            <th scope="col">Date & Time Booked</th>
            <th scope="col">Operations</th>
        </tr>
    </thead>
    <tbody>

        <?php
        $sql = "Select * from `crud`";
        $result = mysqli_query($con, $sql);
        if ($result) {
            while ($row = mysqli_fetch_assoc($result)) {
                $id = $row['Id'];
                $name = $row['Name'];
                $email = $row['Email'];
                $phone = $row['Phone'];
                $address = $row['Address'];
                $bookservice = $row['bookService'];
                $bookmember = $row['bookMember'];
                $eventDT = $row['eventdt'];
                echo '<tr>
                    <th scope="row">' . $id . '</th>
                    <td>' . $name . '</td>
                    <td>' . $email . '</td>
                    <td>' . $phone . '</td>
                    <td>' . $address . '</td>
                    <td>' . $bookservice . '</td>
                    <td>' . $bookmember . '</td>
                    <td>' . $eventDT . '</td>
                    <td>
```

```

        <button class="btn btn-primary"><a href="update.php? updateid=' . $id
. '" class="text-light">Update</a></button><br>
        <button class="btn btn-danger"><a href="delete.php? deleteid=' . $id
. '" class="text-light">Delete</a></button>
</td>
    </tr>';
}
}

?>
</tbody>
</table>
</div>
</body>

</html>

```

### Index.php

```

<?php
require('database.php');
/** Start the session.**/
session_start();

// if (!isset($_SESSION['username'])) {
//   // Redirect to login.php if the user is not logged in.
//   header('Location: login.php');
//   exit;
// }

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0" name="viewport">

    <title>El-Care</title>
    <meta content="" name="description">
    <meta content="" name="keywords">

    <!-- Favicons -->
    <link href="assets/img/favicon-logo.png" rel="icon">

```

```

<link href="assets/img/favicon-logo.png" rel="apple-touch-icon">

<!-- Google Fonts -->
<link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|Poppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

<!-- Vendor CSS Files -->
<link href="assets/vendor/animate.css/animate.min.css" rel="stylesheet">
<link href="assets/vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css" rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css" rel="stylesheet">
<link href="assets/vendor/glightbox/css/glightbox.min.css" rel="stylesheet">
<link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="assets/vendor/swiper/swiper-bundle.min.css" rel="stylesheet">

<!-- Template Main CSS File -->
<link href="assets/css/mystyle.css" rel="stylesheet">
</head>

<body>
<!-- ===== Header ===== -->
<header id="header" class="fixed-top d-flex align-items-center">
<div class="container d-flex align-items-center">

<h1 class="logo me-auto"><a href="index.php">El-Care</a></h1>
<!-- Uncomment below if you prefer to use an image logo -->
<!-- <a href="index.html" class="logo me-auto"></a>-->

<nav id="navbar" class="navbar">
<ul>
<li><a href="about.php">About Us</a></li>
<li><a href="testimonials.php">Testimonials</a></li>
<li><a href="ourteam.php">Our Team</a></li>
<li><a href="services.php">Services Offered</a></li>
<li><a href="contact.php">Contact Us</a></li>

```

```

<li>
    <a href="logout.php" class="text-dark">Logout</a>
</li>
</ul>
<i class="bi bi-list mobile-nav-toggle"></i>
</nav><!-- .navbar -->
</div>
</header>
<!-- End Header -->

<!-- ===== Hero Section ===== -->
<section id="hero">
    <div id="heroCarousel" data-bs-interval="5000" class="carousel slide carousel-fade" data-bs-ride="carousel">

        <ol class="carousel-indicators" id="hero-carousel-indicators"></ol>

        <div class="carousel-inner" role="listbox">

            <!-- Slide 1 -->
            <div class="carousel-item active" style="background-image: url(assets/img/slide/slide-1.jpg)">
                <div class="carousel-container">
                    <div class="container">
                        <h2 class="animate__animated animate__fadeInDown">Welcome to <span>El-Care</span></h2>
                        <p class="animate__animated animate__fadeInUp">you're one stop solution for loved ones</p>
                        <a href="#about" class="btn-get-started animate__animated animate__fadeInUp scrollto">Read More</a>
                    </div>
                </div>
            </div>

            <!-- Slide 2 -->
            <div class="carousel-item" style="background-image: url(assets/img/slide/slide-2.jpg)">
                <div class="carousel-container">
                    <div class="container">
                        <h2 class="animate__animated animate__fadeInDown">Our Services Offered</h2>
                        <p class="animate__animated animate__fadeInUp">a variety of services to suit you're families need</p>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>

```

```
        <a href="#about" class="btn-get-started animate__animated  
animate__fadeInUp scrollto">Read More</a>  
    </div>  
  </div>  
  </div>  
  
  <!-- Slide 3 -->  
  <div class="carousel-item" style="background-image:  
url(assets/img/slide/slide-3.jpg)">  
    <div class="carousel-container">  
      <div class="container">  
        <h2 class="animate__animated animate__fadeInDown">Our Other  
Features</h2>  
        <p class="animate__animated animate__fadeInUp">get an  
insight of what our company does</p>  
        <a href="#about" class="btn-get-started animate__animated  
animate__fadeInUp scrollto">Read More</a>  
      </div>  
    </div>  
  </div>  
  
</div>  
  
<a class="carousel-control-prev" href="#heroCarousel" role="button"  
data-bs-slide="prev">  
  <span class="carousel-control-prev-icon bi bi-chevron-left" aria-  
hidden="true"></span>  
</a>  
  
<a class="carousel-control-next" href="#heroCarousel" role="button"  
data-bs-slide="next">  
  <span class="carousel-control-next-icon bi bi-chevron-right" aria-  
hidden="true"></span>  
</a>  
  
</div>  
</section><!-- End Hero -->  
  
<main id="main">  
  
  <!-- ===== About Section ===== -->  
  <section id="about" class="about">  
    <div class="container">
```

```

<div class="row content">
    <div class="col-lg-6">
        <h2>El-Care</h2>
        <h3>Our one and only mission to take care of you're loved ones</h3>
    </div>
    <div class="col-lg-6 pt-4 pt-lg-0">
        <p>
            An elderly service booking company is a specialized organization that connects seniors with a variety of services tailored to their unique needs and preferences. These companies aim to improve the quality of life for older adults
        </p>
        <ul>
            <li><i class="ri-check-double-line"></i> Booking and Scheduling</li>
            <li><i class="ri-check-double-line"></i> Assessing Needs</li>
            <li><i class="ri-check-double-line"></i> Family and Caregiver Communication</li>
        </ul>
        <p class="fst-italic">
            At Golden Moments, we believe in weaving cherished memories by connecting hearts and enriching lives. Our commitment to personalized, compassionate care transcends generations, as we help seniors embrace their golden years with joy, dignity, and independence.
        </p>
    </div>
</div>

</div>
</section><!-- End About Section -->
</main><!-- End #main -->

</body>
<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
```



```
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</html>
```

## Login.php

```
<?php

//login.php

/** 
 * Start the session.
 */
session_start();

/** 
 * Include ircmaxell's password_compat library.
 */
require 'password.php';

/** 
 * Include our MySQL connection.
 */
require 'login_connect.php';

//If the POST var "login" exists (our submit button), then we can
//assume that the user has submitted the login form.
if (isset($_POST['login'])) {

    //Retrieve the field values from our login form.
    $username = !empty($_POST['username']) ? trim($_POST['username']) : null;
    $passwordAttempt = !empty($_POST['password']) ? trim($_POST['password']) : null;

    //Retrieve the user account information for the given username.
    $sql = "SELECT id, username, password FROM users WHERE username = :username";
```

```
$stmt = $pdo->prepare($sql);

//Bind value.
$stmt->bindValue(':username', $username);

//Execute.
$stmt->execute();

//Fetch row.
$user = $stmt->fetch(PDO::FETCH_ASSOC);

//If $row is FALSE.
if ($user === false) {
    //Could not find a user with that username!
    //PS: You might want to handle this error in a more user-friendly
manner!
    die('Incorrect username / password combination!');
} else {
    //User account found. Check to see if the given password matches
the
    //password hash that we stored in our users table.

    //Compare the passwords.
    $validPassword = password_verify($passwordAttempt,
$user['password']);

    //If $validPassword is TRUE, the login has been successful.
    if ($validPassword) {

        //Provide the user with a login session.
        $_SESSION['user_id'] = $user['id'];
        $_SESSION['logged_in'] = time();

        //Redirect to our protected page, which we called home.php
        header('Location: index.php');
        exit;
    } else {
        //{$validPassword was FALSE. Passwords do not match.
        die('Incorrect username / password combination!');
    }
}

?>
```

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0"
name="viewport">

    <title>LOGIN</title>
    <meta content="" name="description">
    <meta content="" name="keywords">

    <!-- Favicons -->
    <link href="assets/img/favicon-logo.png" rel="icon">
    <link href="assets/img/favicon-logo.png" rel="apple-touch-icon">

    <!-- Google Fonts -->
    <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i
,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|P
oppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

    <!-- Vendor CSS Files -->
    <link href="assets/vendor/animate.css/animate.min.css"
rel="stylesheet">
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css"
rel="stylesheet">
    <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css"
rel="stylesheet">
    <link href="assets/vendor/glightbox/css/glightbox.min.css"
rel="stylesheet">
    <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
    <link href="assets/vendor/swiper/swiper-bundle.min.css"
rel="stylesheet">

    <!-- Template Main CSS File -->
    <link href="assets/css/mystyle.css" rel="stylesheet">
    <meta charset="utf-8" name="viewport" content="width=device-width,
initial-scale=1.0, shrink-to-fit=no">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.7.2/font/bootstrap-icons.css">
</head>
```

```
<body>

    <div class="login-form">
        <h2>USER LOGIN</h2>
        <form method="POST" action="login.php">
            <div class="input-field">
                <i class="bi bi-person-circle"></i>
                <input type="text" id="username" name="username" required
placeholder="User Name">
            </div>
            <div class="input-field">
                <i class="bi bi-shield-lock"></i>
                <input type="password" id="password" name="password"
required placeholder="User Password">
            </div>
            <!-- <a href="#">Forgot Password ?</a>
                <a href="#">Create an Account</a> -->
            <button type="submit" name="login"
value="Login">LOGIN</button>

            <div class="extra">
                <a href="register.php">Register Here</a>
                <a href="admin-login.php">Admin Login</a>
                <a href="employee-login.php">Employee Login</a>
            </div>

        </form>
    </div>

    <a href="#" class="back-to-top d-flex align-items-center justify-
content-center"><i class="bi bi-arrow-up-short"></i></a>

    <!-- Vendor JS Files -->
    <script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
    <script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
    <script src="assets/vendor/isotope-
layout/isotope.pkgd.min.js"></script>
    <script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
    <script
src="assets/vendor/waypoints/noframework.waypoints.js"></script>
    <script src="assets/vendor/php-email-form/validate.js"></script>
```

```
<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>
</body>

</html>
```

## Register.php

```
<?php

//register.php

/** 
 * Start the session.
 */
session_start();

/** 
 * Include ircmaxell's password_compat library.
 */
require 'password.php';

/** 
 * Include our MySQL connection.
 */
require 'login_connect.php';

//If the POST var "register" exists (our submit button), then we can
//assume that the user has submitted the registration form.
if (isset($_POST['register'])) {

    //Retrieve the field values from our registration form.
    $username = !empty($_POST['username']) ? trim($_POST['username']) :
null;
    $pass = !empty($_POST['password']) ? trim($_POST['password']) : null;

    //TO ADD: Error checking (username characters, password length, etc).
    //Basically, you will need to add your own error checking BEFORE
    //the prepared statement is built and executed.

    //Now, we need to check if the supplied username already exists.

    //Construct the SQL statement and prepare it.
    $sql = "SELECT COUNT(username) AS num FROM users WHERE username =
$username";
```

```
$stmt = $pdo->prepare($sql);

//Bind the provided username to our prepared statement.
$stmt->bindValue(':username', $username);

//Execute.
$stmt->execute();

//Fetch the row.
$row = $stmt->fetch(PDO::FETCH_ASSOC);

//If the provided username already exists - display error.
//TO ADD - Your own method of handling this error. For example
purposes,
    //I'm just going to kill the script completely, as error handling is
outside
    //the scope of this tutorial.
    if ($row['num'] > 0) {
        die('That username already exists!');
    }

//Hash the password as we do NOT want to store our passwords in plain
text.
$passwordHash = password_hash($pass, PASSWORD_BCRYPT, array("cost" =>
12));

//Prepare our INSERT statement.
//Remember: We are inserting a new row into our users table.
$sql = "INSERT INTO users (username, password) VALUES (:username,
:password)";
$stmt = $pdo->prepare($sql);

//Bind our variables.
$stmt->bindValue(':username', $username);
$stmt->bindValue(':password', $passwordHash);

//Execute the statement and insert the new account.
$result = $stmt->execute();

//If the signup process is successful.
if ($result) {
    //What you do here is up to you!
    echo 'Thank you for registering with our website.';
}
```

```
}

?>
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0"
name="viewport">

    <title>REGISTER</title>
    <meta content="" name="description">
    <meta content="" name="keywords">

    <!-- Favicons -->
    <link href="assets/img/favicon-logo.png" rel="icon">
    <link href="assets/img/favicon-logo.png" rel="apple-touch-icon">

    <!-- Google Fonts -->
    <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i
,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|P
oppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

    <!-- Vendor CSS Files -->
    <link href="assets/vendor/animate.css/animate.min.css"
rel="stylesheet">
    <link href="assets/vendor/bootstrap/css/bootstrap.min.css"
rel="stylesheet">
    <link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">
    <link href="assets/vendor/boxicons/css/boxicons.min.css"
rel="stylesheet">
    <link href="assets/vendor/glightbox/css/glightbox.min.css"
rel="stylesheet">
    <link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
    <link href="assets/vendor/swiper/swiper-bundle.min.css"
rel="stylesheet">

    <!-- Template Main CSS File -->
    <link href="assets/css/mystyle.css" rel="stylesheet">
    <meta charset="utf-8" name="viewport" content="width=device-width,
initial-scale=1.0, shrink-to-fit=no">
```

```
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.7.2/font/bootstrap-icons.css">
</head>

<body>
    <!-- <form action="register.php" method="post">
        <label for="username">Username</label>
        <input type="text" id="username" name="username" required
placeholder="Emily Forest"><br>
        <label for="password">Password</label>
        <input type="password" id="password" name="password" required
placeholder="Emilyforest123"><br>
        <input type="submit" name="register" value="Register"></button>
        <p>Already have an Account?
            <a href="login.php">Login Here</a>
        </p>
    </form> -->

    <div class="login-form">
        <h2>USER REGISTRATION</h2>
        <form method="POST" action="register.php">
            <div class="input-field">
                <i class="bi bi-person-circle"></i>
                <input type="text" id="username" name="username" required
placeholder="User Name">
            </div>
            <div class="input-field">
                <i class="bi bi-shield-lock"></i>
                <input type="password" id="password" name="password"
required placeholder="Password">
            </div>

            <button type="submit" name="register"
value="Register">REGISTER</button>

            <div class="extra">
                <a href="admin-login.php">Admin Login</a>
                <a href="login.php">User Login</a>
                <a href="employee-login.php">Employee Login</a>
            </div>
        </form>
    </div>
```



```

<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-
layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script
src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>
</body>

</html>

```

## Services.php

```

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta content="width=device-width, initial-scale=1.0" name="viewport">
    <title>El-Care</title>
    <meta content="" name="description">
    <meta content="" name="keywords">

    <!-- Favicons -->
    <link href="assets/img/favicon-logo.png" rel="icon">
    <link href="assets/img/favicon-logo.png" rel="apple-touch-icon">

    <!-- Google Fonts -->
    <link
    href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i
    ,600,600i,700,700i|Raleway:300,300i,400,400i,500,500i,600,600i,700,700i|P
    oppins:300,300i,400,400i,500,500i,600,600i,700,700i" rel="stylesheet">

    <!-- Vendor CSS Files -->
    <link href="assets/vendor/animate.css/animate.min.css"
    rel="stylesheet">

```

```
<link href="assets/vendor/bootstrap/css/bootstrap.min.css"
rel="stylesheet">
<link href="assets/vendor/bootstrap-icons/bootstrap-icons.css"
rel="stylesheet">
<link href="assets/vendor/boxicons/css/boxicons.min.css"
rel="stylesheet">
<link href="assets/vendor/glightbox/css/glightbox.min.css"
rel="stylesheet">
<link href="assets/vendor/remixicon/remixicon.css" rel="stylesheet">
<link href="assets/vendor/swiper/swiper-bundle.min.css"
rel="stylesheet">


<link href="assets/css/mystyle.css" rel="stylesheet">
</head>

<body>


<header id="header" class="fixed-top d-flex align-items-center">
<div class="container d-flex align-items-center">

<h1 class="logo me-auto"><a href="index.php">El-Care</a></h1>
<nav id="navbar" class="navbar">
<ul>
<li><a href="about.php">About Us</a></li>
<li><a href="testimonials.php">Testimonials</a></li>
<li><a href="ourteam.php">Our Team</a></li>
<li><a href="services.php">Services Offered</a></li>
<li><a href="contact.php">Contact Us</a></li>
</ul>
<i class="bi bi-list mobile-nav-toggle"></i>
</nav>
<!-- .navbar -->
</div>
</header>
<!-- End Header -->

<main id="main">
<!-- ===== Breadcrumbs ===== -->
<section id="breadcrumbs" class="breadcrumbs">
<div class="container">
<div class="d-flex justify-content-between align-items-center">
<h2>Services</h2>
```

```

<ol>
    <li><a href="index.php">Home</a></li>
    <li>Services</li>
</ol>
</div>
</div>
</section>
<!-- End Breadcrumbs -->

<!-- ===== Services Section ===== -->
<section id="services" class="services">
    <div class="container">
        <div class="row">
            <div class="col-md-6">
                <div class="icon-box">
                    <i class="bi bi-briefcase"></i>
                    <h4><a href="user.php">1. Crash Course Internet</a></h4>
                    <p>A Crash Course in Internet: Master the Online World</p>
                </div>
            </div>
            <div class="col-md-6 mt-4 mt-md-0">
                <div class="icon-box">
                    <i class="bi bi-card-checklist"></i>
                    <h4><a href="user.php">2. Volunteer for Hospital Travel</a></h4>
                    <p>Volunteer Travel Adventures: Discover, Connect, and Make a Difference</p>
                </div>
            </div>
            <div class="col-md-6 mt-4 mt-md-0">
                <div class="icon-box">
                    <i class="bi bi-bar-chart"></i>
                    <h4><a href="user.php">3. Pickup and Drop Medicines</a></h4>
                    <p>Hassle-Free Medicine Pickup & Drop Service</p>
                </div>
            </div>
            <div class="col-md-6 mt-4 mt-md-0">
                <div class="icon-box">
                    <i class="bi bi-binoculars"></i>
                    <h4><a href="user.php">4. Accompany to Bank/Revenue Office</a></h4>
                    <p>PubliServe: Streamlined Public Office Pickup & Drop Solutions</p>
                </div>
            </div>
        </div>
    </div>
</section>

```

```
        </div>
    </div>
</div>
</div>
</section>
<!-- End Services Section -->

<!-- ===== Features Section ===== -->
<section id="features" class="features">
<div class="container">

    <div class="section-title">
        <h2>Services</h2>
        <p>Check our Services</p>
    </div>

    <div class="row">
        <div class="col-lg-3">
            <ul class="nav nav-tabs flex-column">
                <li class="nav-item">
                    <a class="nav-link active show" data-bs-toggle="tab"
href="#tab-1">Crash Course Internet</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" data-bs-toggle="tab" href="#tab-2">Volunteer for Hospital Travel</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" data-bs-toggle="tab" href="#tab-3">Pickup and Drop Medicines</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" data-bs-toggle="tab" href="#tab-4">Accompany to Bank/Revenue Office</a>
                </li>
            </ul>
        </div>
        <div class="col-lg-9 mt-4 mt-lg-0">
            <div class="tab-content">
                <div class="tab-pane active show" id="tab-1">
                    <div class="row">
                        <div class="col-lg-8 details order-2 order-lg-1">
                            <h3>Crash Course Internet</h3>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

A Crash Course in Internet: Master the Online World

"A Crash Course in Internet" is a comprehensive and easy-to-follow online course designed for individuals looking to build a strong foundation in internet literacy. This course covers essential topics such as browsing, searching, email, social media, online privacy, and cybersecurity. With engaging lessons and practical tips, you'll gain the knowledge and confidence to navigate the digital landscape safely and efficiently. Join thousands of satisfied students and start your journey towards becoming an internet-savvy user today!



### Volunteer for Hospital Travel

Volunteer Travel Adventures: Discover, Connect, and Make a Difference

Embark on a life-changing journey with our Volunteer Travel Adventures, designed to connect you with communities around the world. Immerse yourself in new cultures, create lasting friendships, and contribute to meaningful projects that address local needs. From teaching English and wildlife conservation to healthcare support and community development, our programs offer a wide range of opportunities to suit your passions and skills. Join us today and turn your wanderlust into a powerful force for good!



```
</div>
<div class="tab-pane" id="tab-3">
<div class="row">
<div class="col-lg-8 details order-2 order-lg-1">
<h3>Pickup and Drop Medicines</h3>
<p class="fst-italic">Hassle-Free Medicine Pickup &
Drop Service</p>
<p>Experience seamless and convenient access to your
medications with MedExpress, a reliable
medicine pickup and drop service. Simply submit
your prescription online, and our dedicated team
will take care of the rest. Our network of trusted
pharmacies ensures accurate, timely, and secure
delivery of your medications straight to your
doorstep. Say goodbye to long pharmacy queues and
let MedExpress bring your healthcare needs to
you!</p>
</div>
<div class="col-lg-4 text-center order-1 order-lg-2">

</div>
</div>
</div>
<div class="tab-pane" id="tab-4">
<div class="row">
<div class="col-lg-8 details order-2 order-lg-1">
<h3>Accompany to Bank/Revenue Office</h3>
<p class="fst-italic">PubliServe: Streamlined Public
Office Pickup & Drop Solutions</p>
<p>Navigate bureaucracy with ease using PubliServe, a
time-saving public office pickup and drop
service. From document retrieval to submission, we
handle all your essential paperwork, liaising
with various government and municipal offices on
your behalf. With our experienced team and secure
handling processes, you can trust us to deliver
efficient, accurate, and reliable service.
Simplify your dealings with public offices and let
PubliServe take the hassle out of paperwork!
</p>
</div>
<div class="col-lg-4 text-center order-1 order-lg-2">
```

```

        
    </div>
</div>
</div>
<div class="tab-pane" id="tab-5">
    <div class="row">
        <div class="col-lg-8 details order-2 order-lg-1">
            <h3>Day Tour of you're Work</h3>
            <p class="fst-italic">this is the brief or
explanation of this services</p>
            <p>if needed write a paragraph on it</p>
        </div>
        <div class="col-lg-4 text-center order-1 order-lg-2">
            
        </div>
    </div>
</div>
</div>
</div>
</div>

</div>
</section>
<!-- End Features Section -->

</main>
<!-- End #main -->

</body>

<a href="#" class="back-to-top d-flex align-items-center justify-content-center"><i class="bi bi-arrow-up-short"></i></a>

<!-- Vendor JS Files -->
<script
src="assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>
<script src="assets/vendor/glightbox/js/glightbox.min.js"></script>
<script src="assets/vendor/isotope-layout/isotope.pkgd.min.js"></script>
<script src="assets/vendor/swiper/swiper-bundle.min.js"></script>
<script src="assets/vendor/waypoints/noframework.waypoints.js"></script>
<script src="assets/vendor/php-email-form/validate.js"></script>

```

```
<!-- Template Main JS File -->
<script src="assets/js/main.js"></script>

</html>
```

## Update.php

```
<?php
include 'connect.php';
$id = $_GET['updateid'];
$sql = "Select * from `crud` where Id=$id";
$result = mysqli_query($con, $sql);
$row = mysqli_fetch_assoc($result);
$name = $row['Name'];
$email = $row['Email'];
$phone = $row['Phone'];
$address = $row['Address'];
$bookservice = $row['bookService'];
$bookmember = $row['bookMember'];
$eventDT = $row['eventdt'];

if (isset($_POST['submit'])) {
    $name = $_POST['name'];
    $email = $_POST['email'];
    $phone = $_POST['phone'];
    $address = $_POST['address'];
    $bookservice = $_POST['bookService'];
    $bookmember = $_POST['bookMember'];
    $eventDT = $_POST['eventdt'];

    $sql = "update `crud` set
Id=$id,Name='$name',Email='$email',Phone='$phone',Address='$address',book
Service='$bookservice',bookMember='$bookmember',eventdt='$eventDT' where
Id=$id";
    $result = mysqli_query($con, $sql);
    if ($result) {
        //echo "Updated successfully";
        header('location:display.php');
    } else {
        die(mysqli_error($con));
    }
}
?>
```

```
<!doctype html>
<html lang="en">

    <head>
        <!-- Required meta tags -->
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

        <!-- Bootstrap CSS -->
        <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css">

        <title>CRUD Operation</title>
    </head>

    <body>
        <div class="container my-5">
            <form method="POST">
                <div class="form-group">
                    <label>Name</label>
                    <input type="text" class="form-control"
placeholder="Enter your Name" name="name" autocomplete="off" value=<?php
echo $name; ?>>
                </div>

                <div class="form-group">
                    <label>Email</label>
                    <input type="email" class="form-control"
placeholder="Enter your Email" name="email" autocomplete="off"
value=<?php echo $email; ?>>
                </div>

                <div class="form-group">
                    <label>Phone</label>
                    <input type="text" class="form-control"
placeholder="Enter your Phone Number" name="phone" autocomplete="off"
value=<?php echo $phone; ?>>
                </div>

                <div class="form-group">
                    <label>Address</label>
```

```

        <input type="text" class="form-control"
placeholder="Enter your Address" name="address" autocomplete="off"
value=<?php echo $address; ?>>
    </div>

    <div class="form-group">
        <label>Book Service</label>
        <input type="text" class="form-control"
placeholder="(1,2,3,4)" name="bookService" autocomplete="off" value=<?php
echo $bookservice; ?>>
    </div>

    <div class="form-group">
        <label>Book Member</label>
        <input type="text" class="form-control"
placeholder="(Ana, Gary, Rachel, James)" name="bookMember"
autocomplete="off" value=<?php echo $bookmember; ?>>
    </div>

    <div class="form-group">
        <label>Date & Time</label>
        <input type="datetime-local" class="form-control"
placeholder="Choose Your Date and Time" name="eventdt"
autocomplete="off" value=<?php echo $eventDT; ?>>
    </div>

        <button type="submit" name="submit" class="btn btn-primary">Update</button>
    </form>
</div>
</body>

</html>
```

### User.php

```

<?php
include 'connect.php';
if (isset($_POST['submit'])) {
    $name = $_POST['name'];
    $email = $_POST['email'];
    $phone = $_POST['phone'];
    $address = $_POST['address'];
    $bookservice = $_POST['bookService'];
    $bookmember = $_POST['bookMember'];
```

```
$eventDT = $_POST['eventdt'];

$sql = "insert into
`crud` (Name,Email,Phone,Address,bookService,bookMember,eventdt)
values('$name','$email','$phone','$address','$bookservice','$bookmember',
'$eventDT')";
$result = mysqli_query($con, $sql);
if ($result) {
    echo "Data inserted successfully";
    header('location:thankyou.php');
} else {
    die(mysqli_error($con));
}
?>

<!doctype html>
<html lang="en">

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css">

    <title>CRUD Operation</title>
</head>

<body>
    <div class="container my-5">
        <form method="POST">
            <div class="form-group">
                <label>Name</label>
                <input type="text" class="form-control" placeholder="Enter your
Name" name="name" autocomplete="off">
            </div>

            <div class="form-group">
```

```
<label>Email</label>
<input type="email" class="form-control" placeholder="Enter your
Email" name="email" autocomplete="off">
</div>

<div class="form-group">
<label>Phone</label>
<input type="text" class="form-control" placeholder="Enter your
Phone Number" name="phone" autocomplete="off">
</div>

<div class="form-group">
<label>Address</label>
<input type="text" class="form-control" placeholder="Enter your
Address" name="address" autocomplete="off">
</div>

<div class="form-group">
<label>Book Service</label>
<input type="text" class="form-control" placeholder="(1,2,3,4)"
name="bookService" autocomplete="off">
</div>

<div class="form-group">
<label>Book Member</label>
<input type="text" class="form-control" placeholder="(Ana, Gary,
Rachel, James)" name="bookMember" autocomplete="off">
</div>

<div class="form-group">
<label>Date & Time</label>
<input type="datetime-local" class="form-control"
placeholder="Choose Your Date and Time" name="eventdt"
autocomplete="off">
</div>

<button type="submit" name="submit" class="btn btn-
primary">Submit</button>
</form>
</div>
</body>

</html>
```



## Mystyle.css (Entire Styling of the Website)

```
/*
# General
-----*/
body {
    font-family: "Open Sans", sans-serif;
    color: #444444;
}

a {
    text-decoration: none;
    color: #9fa0ff;
}

a:hover {
    color: #9fa0ff;
    text-decoration: none;
}

h1,
h2,
h3,
h4,
h5,
h6 {
    font-family: "Raleway", sans-serif;
}

/*
# Back to top button
-----*/
.back-to-top {
    position: fixed;
    visibility: hidden;
    opacity: 0;
    right: 15px;
    bottom: 15px;
    z-index: 996;
    background: #9fa0ff;
    width: 40px;
    height: 40px;
    border-radius: 4px;
    transition: all 0.4s;
```

```
}

.back-to-top i {
  font-size: 28px;
  color: #fff;
  line-height: 0;
}

.back-to-top:hover {
  background: #9fa0ff;
  color: #fff;
}

.back-to-top.active {
  visibility: visible;
  opacity: 1;
}

/*
-----#
# Breadcrumbs
// Here is where the breadcrumbs styles start
-----*/
.breadcrumbs {
  padding: 18px 0;
  background: #f8f9fa;
  min-height: 40px;
  margin-top: 80px;
}

.breadcrumbs h2 {
  font-size: 32px;
  font-weight: 300;
  margin: 0;
}

.breadcrumbs ol {
  display: flex;
  flex-wrap: wrap;
  list-style: none;
  padding: 0;
  margin: 0;
  font-size: 14px;
}
```

```
.breadcrumbs ol li+li {
  padding-left: 10px;
}

.breadcrumbs ol li+li::before {
  display: inline-block;
  padding-right: 10px;
  color: #6b7b8d;
  content: "/";
}

@media (max-width: 992px) {
  .breadcrumbs {
    margin-top: 58px;
  }

  .breadcrumbs .d-flex {
    display: block !important;
  }

  .breadcrumbs h2 {
    margin-bottom: 10px;
  }

  .breadcrumbs ol {
    display: block;
  }

  .breadcrumbs ol li {
    display: inline-block;
  }
}

/*
-----#
# Sections General
-----*/
section {
  padding: 60px 0;
  overflow: hidden;
}

.section-bg,
.services .icon-box {
  background-color: #f8f9fa;
```

```
}

.section-title {
  padding-bottom: 40px;
}

.section-title h2 {
  font-size: 14px;
  font-weight: 500;
  padding: 0;
  line-height: 1px;
  margin: 0 0 5px 0;
  letter-spacing: 2px;
  text-transform: uppercase;
  color: #aaaaaa;
  font-family: "Poppins", sans-serif;
}

.section-title h2::after {
  content: "";
  width: 120px;
  height: 1px;
  display: inline-block;
  background: #9fa0ff;
  margin: 4px 10px;
}

.section-title p {
  margin: 0;
  margin: 0;
  font-size: 36px;
  font-weight: 700;
  text-transform: uppercase;
  font-family: "Poppins", sans-serif;
  color: #556270;
}

/*
-----#
# Contact
// Here is where the contact styles start
-----*/
.contact .info {
  width: 100%;
  background: #fff;
```

```
}

.contact .info i {
    font-size: 20px;
    color: #556270;
    float: left;
    width: 44px;
    height: 44px;
    background: #e0eff1;
    display: flex;
    justify-content: center;
    align-items: center;
    border-radius: 50px;
    transition: all 0.3s ease-in-out;
}

.contact .info h4 {
    padding: 0 0 0 60px;
    font-size: 22px;
    font-weight: 600;
    margin-bottom: 5px;
    color: #556270;
}

.contact .info p {
    padding: 0 0 0 60px;
    margin-bottom: 0;
    font-size: 14px;
    color: #8795a4;
}

.contact .info .email,
.contact .info .phone {
    margin-top: 40px;
}

.contact .info .email:hover i,
.contact .info .address:hover i,
.contact .info .phone:hover i {
    background: #556270;
    color: #fff;
}

.contact .php-email-form {
```

```
width: 100%;  
background: #fff;  
}  
  
.contact .php-email-form .form-group {  
padding-bottom: 8px;  
}  
  
.contact .php-email-form .error-message {  
display: none;  
color: #fff;  
background: #9fa0ff;  
text-align: left;  
padding: 15px;  
font-weight: 600;  
}  
  
.contact .php-email-form .error-message br+br {  
margin-top: 25px;  
}  
  
.contact .php-email-form .sent-message {  
display: none;  
color: #fff;  
background: #18d26e;  
text-align: center;  
padding: 15px;  
font-weight: 600;  
}  
  
.contact .php-email-form .loading {  
display: none;  
background: #fff;  
text-align: center;  
padding: 15px;  
}  
  
.contact .php-email-form .loading:before {  
content: "";  
display: inline-block;  
border-radius: 50%;  
width: 24px;  
height: 24px;  
margin: 0 10px -6px 0;
```

```
border: 3px solid #18d26e;
border-top-color: #eee;
-webkit-animation: animate-loading 1s linear infinite;
animation: animate-loading 1s linear infinite;
}

.contact .php-email-form input,
.contact .php-email-form textarea {
    border-radius: 0;
    box-shadow: none;
    font-size: 14px;
    border-radius: 4px;
}

.contact .php-email-form input:focus,
.contact .php-email-form textarea:focus {
    border-color: #9fa0ff;
}

.contact .php-email-form input {
    height: 44px;
}

.contact .php-email-form textarea {
    padding: 10px 12px;
}

.contact .php-email-form button[type=submit] {
    background: #9fa0ff;
    border: 0;
    padding: 10px 24px;
    color: #fff;
    transition: 0.4s;
    border-radius: 4px;
}

.contact .php-email-form button[type=submit]:hover {
    background: #9fa0ff;
}

@-webkit-keyframes animate-loading {
    0% {
        transform: rotate(0deg);
    }
}
```

```
100% {
    transform: rotate(360deg);
}
}

@keyframes animate-loading {
0% {
    transform: rotate(0deg);
}

100% {
    transform: rotate(360deg);
}
}

/*
# About
*/
.about .content h2 {
    font-weight: 700;
    font-size: 48px;
    line-height: 60px;
    margin-bottom: 20px;
    text-transform: uppercase;
}

.about .content h3 {
    font-weight: 500;
    line-height: 32px;
    font-size: 24px;
}

.about .content ul {
    list-style: none;
    padding: 0;
}

.about .content ul li {
    padding: 10px 0 0 28px;
    position: relative;
}

.about .content ul i {
```

```
    left: 0;
    top: 7px;
    position: absolute;
    font-size: 20px;
    color: #9fa0ff;
}

.about .content p:last-child {
    margin-bottom: 0;
}

/*-----#
# Services
-----*/
.services .icon-box {
    margin-bottom: 20px;
    padding: 30px;
    border-radius: 6px;
}

.services .icon-box i {
    float: left;
    color: #9fa0ff;
    font-size: 40px;
}

.services .icon-box h4 {
    margin-left: 70px;
    font-weight: 700;
    margin-bottom: 15px;
    font-size: 18px;
}

.services .icon-box h4 a {
    color: #556270;
    transition: 0.3s;
}

.services .icon-box p {
    margin-left: 70px;
    line-height: 24px;
    font-size: 14px;
}
```

```
.services .icon-box:hover h4 a {
  color: #9fa0ff;
}

/*
# Header
// Here is where the header styles start
*/
#header {
  background: white;
  transition: all 0.5s;
  z-index: 997;
  padding: 20px 0;
}

#header.header-scrolled {
  box-shadow: 0px 2px 15px rgba(0, 0, 0, 0.1);
  padding: 12px 0;
}

#header.header-inner-pages {
  box-shadow: 0px 2px 15px rgba(0, 0, 0, 0.1);
}

#header .logo {
  font-size: 28px;
  margin: 0;
  padding: 0;
  line-height: 1;
  font-weight: 700;
  text-transform: uppercase;
}

#header .logo a {
  color: #556270;
}

#header .logo img {
  max-height: 40px;
}

/*
# Our Skills
```

```
-----*/
.skills .progress {
  height: 60px;
  display: block;
  background: none;
  border-radius: 0;
}

.skills .progress .skill {
  padding: 10px 0;
  margin: 0;
  text-transform: uppercase;
  display: block;
  font-weight: 600;
  font-family: "Poppins", sans-serif;
  color: #556270;
}

.skills .progress .skill .val {
  float: right;
  font-style: normal;
}

.skills .progress-bar-wrap {
  background: #e0eff1;
}

.skills .progress-bar {
  width: 1px;
  height: 10px;
  transition: 0.9s;
  background-color: #6b7b8d;
}

/*-----
# Features
-----*/
.features {
  overflow: hidden;
}

.features .nav-tabs {
  border: 0;
}
```

```
.features .nav-link {  
    border: 0;  
    padding: 12px 15px 12px 0;  
    transition: 0.3s;  
    color: #556270;  
    border-radius: 0;  
    border-right: 2px solid white;  
    font-weight: 600;  
    font-size: 15px;  
}  
  
.features .nav-link:hover {  
    color: #9fa0ff;  
}  
  
.features .nav-link.active {  
    color: #9fa0ff;  
    border-color: #9fa0ff;  
}  
  
.features .tab-pane.active {  
    -webkit-animation: fadeIn 0.5s ease-out;  
    animation: fadeIn 0.5s ease-out;  
}  
  
.features .details h3 {  
    font-size: 26px;  
    font-weight: 600;  
    margin-bottom: 20px;  
    color: #556270;  
}  
  
.features .details p {  
    color: #777777;  
}  
  
.features .details p:last-child {  
    margin-bottom: 0;  
}  
  
@media (max-width: 992px) {  
    .features .nav-link {  
        border: 0;  
    }
```

```
    padding: 15px;
}

.features .nav-link.active {
  color: #fff;
  background: #9fa0ff;
}
}

/*
# Hero Section
// Here is where the hero section styles start
*/
#hero {
  width: 100%;
  height: 100vh;
  background-color: rgba(63, 73, 83, 0.8);
  overflow: hidden;
  position: relative;
}

#hero .carousel,
#hero .carousel-inner,
#hero .carousel-item,
#hero .carousel-item::before {
  position: absolute;
  top: 0;
  right: 0;
  left: 0;
  bottom: 0;
}

#hero .carousel-item {
  background-size: cover;
  background-position: center;
  background-repeat: no-repeat;
}

#hero .carousel-item::before {
  content: "";
  background-color: rgba(30, 35, 40, 0.6);
}

#hero .carousel-container {
```

```
display: flex;
justify-content: center;
align-items: center;
position: absolute;
bottom: 0;
top: 70px;
left: 50px;
right: 50px;
}

#hero .container {
  text-align: center;
}

#hero h2 {
  color: #fff;
  margin-bottom: 20px;
  font-size: 48px;
  font-weight: 700;
}

#hero p {
  -webkit-animation-delay: 0.4s;
  animation-delay: 0.4s;
  margin: 0 auto 30px auto;
  color: #fff;
}

#hero .carousel-inner .carousel-item {
  transition-property: opacity;
  background-position: center top;
}

#hero .carousel-inner .carousel-item,
#hero .carousel-inner .active.carousel-item-start,
#hero .carousel-inner .active.carousel-item-end {
  opacity: 0;
}

#hero .carousel-inner .active,
#hero .carousel-inner .carousel-item-next.carousel-item-start,
#hero .carousel-inner .carousel-item-prev.carousel-item-end {
  opacity: 1;
  transition: 0.5s;
```

```
}

#hero .carousel-inner .carousel-item-next,
#hero .carousel-inner .carousel-item-prev,
#hero .carousel-inner .active.carousel-item-start,
#hero .carousel-inner .active.carousel-item-end {
    left: 0;
    transform: translate3d(0, 0, 0);
}

#hero .carousel-control-next-icon,
#hero .carousel-control-prev-icon {
    background: none;
    font-size: 30px;
    line-height: 0;
    width: auto;
    height: auto;
    background: rgba(255, 255, 255, 0.2);
    border-radius: 50px;
    transition: 0.3s;
    color: rgba(255, 255, 255, 0.5);
    width: 54px;
    height: 54px;
    display: flex;
    align-items: center;
    justify-content: center;
}

#hero .carousel-control-next-icon:hover,
#hero .carousel-control-prev-icon:hover {
    background: rgba(255, 255, 255, 0.3);
    color: rgba(255, 255, 255, 0.8);
}

#hero .carousel-indicators li {
    cursor: pointer;
    background: #fff;
    overflow: hidden;
    border: 0;
    width: 12px;
    height: 12px;
    border-radius: 50px;
    opacity: 0.6;
    transition: 0.3s;
```

```
}

#hero .carousel-indicators li.active {
    opacity: 1;
    background: #9fa0ff;
}

#hero .btn-get-started {
    font-family: "Raleway", sans-serif;
    font-weight: 500;
    font-size: 14px;
    letter-spacing: 1px;
    display: inline-block;
    padding: 14px 32px;
    border-radius: 4px;
    transition: 0.5s;
    line-height: 1;
    color: #fff;
    -webkit-animation-delay: 0.8s;
    animation-delay: 0.8s;
    background: #9fa0ff;
}

#hero .btn-get-started:hover {
    background: #9fa0ff;
}

@media (max-width: 992px) {
    #hero {
        height: 100vh;
    }

    #hero .carousel-container {
        top: 8px;
    }
}

@media (max-width: 768px) {
    #hero h2 {
        font-size: 28px;
    }
}

@media (min-width: 1024px) {
```

```
#hero .carousel-control-prev,
#hero .carousel-control-next {
    width: 5%;
}
}

@media (max-height: 500px) {
    #hero {
        height: 120vh;
    }
}

/*
-----#
# Navigation Menu
-----*/
/*
* Desktop Navigation
*/
.navbar {
    padding: 0;
}

.navbar ul {
    margin: 0;
    padding: 0;
    display: flex;
    list-style: none;
    align-items: center;
}

.navbar li {
    position: relative;
}

.navbar a,
.navbar a:focus {
    display: flex;
    align-items: center;
    justify-content: space-between;
    padding: 10px 0 10px 30px;
    font-family: "Poppins", sans-serif;
    font-size: 15px;
}
```

```
font-weight: 500;
color: #556270;
white-space: nowrap;
transition: 0.3s;
}

.navbar a i,
.navbar a:focus i {
  font-size: 12px;
  line-height: 0;
  margin-left: 5px;
}

.navbar a:hover,
.navbar .active,
.navbar .active:focus,
.navbar li:hover>a {
  color: #9fa0ff;
}

.navbar .getstarted,
.navbar .getstarted:focus {
  background: #9fa0ff;
  padding: 8px 25px;
  margin-left: 30px;
  border-radius: 4px;
  font-weight: 400;
  color: #fff;
}

.navbar .getstarted:hover,
.navbar .getstarted:focus:hover {
  color: #fff;
  background: #9fa0ff;
}

.navbar .dropdown ul {
  display: block;
  position: absolute;
  left: 14px;
  top: calc(100% + 30px);
  margin: 0;
  padding: 10px 0;
  z-index: 99;
```

```
    opacity: 0;
    visibility: hidden;
    background: #fff;
    box-shadow: 0px 0px 30px rgba(127, 137, 161, 0.25);
    transition: 0.3s;
}

.navbar .dropdown ul li {
    min-width: 200px;
}

.navbar .dropdown ul a {
    padding: 10px 20px;
    font-size: 15px;
    text-transform: none;
    font-weight: 400;
}

.navbar .dropdown ul a i {
    font-size: 12px;
}

.navbar .dropdown ul a:hover,
.navbar .dropdown ul .active:hover,
.navbar .dropdown ul li:hover>a {
    color: #9fa0ff;
}

.navbar .dropdown:hover>ul {
    opacity: 1;
    top: 100%;
    visibility: visible;
}

.navbar .dropdown .dropdown ul {
    top: 0;
    left: calc(100% - 30px);
    visibility: hidden;
}

.navbar .dropdown .dropdown:hover>ul {
    opacity: 1;
    top: 0;
    left: 100%;
```

```
    visibility: visible;
}

@media (max-width: 1366px) {
    .navbar .dropdown .dropdown ul {
        left: -90%;
    }

    .navbar .dropdown .dropdown:hover>ul {
        left: -100%;
    }
}

/***
 * Mobile Navigation
 */
.mobile-nav-toggle {
    color: #556270;
    font-size: 28px;
    cursor: pointer;
    display: none;
    line-height: 0;
    transition: 0.5s;
}

.mobile-nav-toggle.bi-x {
    color: #fff;
}

@media (max-width: 991px) {
    .mobile-nav-toggle {
        display: block;
    }

    .navbar ul {
        display: none;
    }
}

.navbar-mobile {
    position: fixed;
    overflow: hidden;
    top: 0;
    right: 0;
```

```
    left: 0;
    bottom: 0;
    background: rgba(63, 73, 83, 0.9);
    transition: 0.3s;
    z-index: 999;
}

.navbar-mobile .mobile-nav-toggle {
    position: absolute;
    top: 15px;
    right: 15px;
}

.navbar-mobile ul {
    display: block;
    position: absolute;
    top: 55px;
    right: 15px;
    bottom: 15px;
    left: 15px;
    padding: 10px 0;
    background-color: #fff;
    overflow-y: auto;
    transition: 0.3s;
}

.navbar-mobile a,
.navbar-mobile a:focus {
    padding: 10px 20px;
    font-size: 15px;
    color: #556270;
}

.navbar-mobile a:hover,
.navbar-mobile .active,
.navbar-mobile li:hover>a {
    color: #9fa0ff;
}

.navbar-mobile .getstarted,
.navbar-mobile .getstarted:focus {
    margin: 15px;
}
```

```
.navbar-mobile .dropdown ul {
    position: static;
    display: none;
    margin: 10px 20px;
    padding: 10px 0;
    z-index: 99;
    opacity: 1;
    visibility: visible;
    background: #fff;
    box-shadow: 0px 0px 30px rgba(127, 137, 161, 0.25);
}

.navbar-mobile .dropdown ul li {
    min-width: 200px;
}

.navbar-mobile .dropdown ul a {
    padding: 10px 20px;
}

.navbar-mobile .dropdown ul a i {
    font-size: 12px;
}

.navbar-mobile .dropdown ul a:hover,
.navbar-mobile .dropdown ul .active:hover,
.navbar-mobile .dropdown ul li:hover>a {
    color: #9fa0ff;
}

.navbar-mobile .dropdown>.dropdown-active {
    display: block;
}

/*
-----#
# Testimonials
// Here is where the testimonials styles start
-----*/
.testimonials .testimonials-carousel,
.testimonials .testimonials-slider {
    overflow: hidden;
}
```

```
.testimonials .testimonial-item {  
    box-sizing: content-box;  
    padding: 40px;  
    box-shadow: 0px 2px 12px rgba(0, 0, 0, 0.08);  
    position: relative;  
    background: #fff;  
}  
  
.testimonials .testimonial-item .testimonial-img {  
    width: 90px;  
    border-radius: 50px;  
    border: 6px solid #fff;  
    float: left;  
    margin: 0 10px 0 0;  
}  
  
.testimonials .testimonial-item h3 {  
    font-size: 18px;  
    font-weight: bold;  
    margin: 10px 0 5px 0;  
    color: #111;  
}  
  
.testimonials .testimonial-item h4 {  
    font-size: 14px;  
    color: #999;  
    margin: 0;  
}  
  
.testimonials .testimonial-item .quote-icon-left,  
.testimonials .testimonial-item .quote-icon-right {  
    color: #f8d1d3;  
    font-size: 26px;  
}  
  
.testimonials .testimonial-item .quote-icon-left {  
    display: inline-block;  
    left: -5px;  
    position: relative;  
}  
  
.testimonials .testimonial-item .quote-icon-right {  
    display: inline-block;  
    right: -5px;
```

```
position: relative;
top: 10px;
}

.testimonials .testimonial-item p {
    font-style: italic;
    margin: 15px 0 0 0;
    padding: 0;
}

/*
-----#
# All Login (Admin, Employee, User Login, User Registration)
// Here is where the login styles start
-----*/
* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: poppins;
    text-decoration: none;
}

body {
    background-color: #f2f4f6;
    display: flex;
    align-items: center;
    justify-content: center;
}

div.login-form {
    width: 450px;
    background-color: white;
    box-shadow: 0px 5px 10px black;
}

div.login-form h2 {
    text-align: center;
    background-color: #204969;
    padding: 12px 0px;
    color: white;
}

div.login-form form {
```

```
padding: 30px 60px;
}

div.login-form form div.input-field {
    display: flex;
    flex-direction: row;
    margin: 10px 0px;
}

div.login-form form div.input-field i {
    color: darkslategray;
    padding: 10px 14px;
    background-color: #f2f4f6;
    margin-right: 4px;
}

div.login-form form div.input-field input {
    background-color: #f2f4f6;
    padding: 10px;
    border: none;
    width: 100%;
    padding-left: 15px;
}

div.login-form form button {
    width: 100%;
    background-color: #5bd1d7;
    padding: 8px;
    border: none;
    font-size: 16px;
    font-weight: 500;
    color: white;
    margin: 15px 0;
    transition: background-color 0.4s;
}

div.login-form form button:hover {
    background-color: #41b6e6;
}

div.login-form form div.extra {
    font-size: 14px;
    display: flex;
    flex-direction: row;
```

```

justify-content: space-between;
}

div.login-form form div.extra a:first-child {
  color: darkgrey;
}

div.login-form form div.extra a:last-child {
  color: grey;
}

```

GitHub Repository: <https://github.com/AmritaGiri/Final-Year-Project-Elcare>

By accessing the above link, you can explore the complete source code, documentation, and any other relevant files associated with the project. The repository serves as a centralized location where you can view, download, and collaborate on the project.

Please note that the GitHub repository will allow you to track any updates, revisions, or contributions made to the project over time. Additionally, it provides an avenue for version control, issue tracking, and collaboration with other developers or stakeholders.

Feel free to access the repository and utilize the resources available to gain a deeper understanding of the project and its implementation. If you need clarification or additional help, feel free to contact us without hesitation.

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