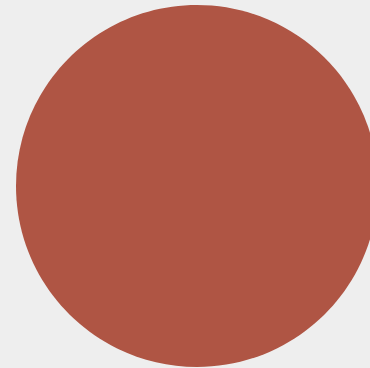


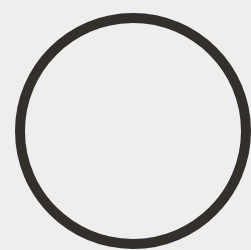
# Product and Demo





# Problem Description

Dog owners often face challenges in finding reliable dog walkers. This can be a significant pain point as they want to ensure their beloved pets receive proper care and attention while they are away. The current process of searching for trustworthy dog walkers can be time-consuming, frustrating, and uncertain.






# Challenges and Pain Points

- **Availability:**

Finding dog walkers who are available when needed can be a challenge, especially during peak times or on short notice.

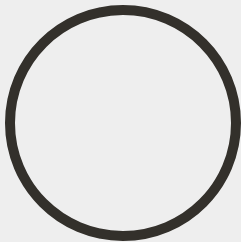
- **Scheduling and Flexibility:**

Dog owners often require flexibility in scheduling walks to accommodate their busy lives, and finding dog walkers who can accommodate specific time slots can be difficult.



# Solution Overview

Introducing our innovative product, Dog Walking website , designed to address the challenges faced by dog owners in finding reliable dog walkers. The website connects dog owners with dog walkers top-quality care for their pets.



# Key Features

## ● Walker Profiles:

Walkers can edit their profiles, including setting a bio and price.

## ● Time Segments:

Walkers can create time segments in the future that can be booked.

## ● Booking Requests:

Walkers and owners can view incoming and outgoing booking requests.

## ● Single Booking Selection:

Walkers can choose a single booking to approve even if there are multiple requests for the same time segment.

## ● Walk Page:

A dedicated page for the ongoing walk, accessible to both the walker and the owner.

## ● List of Walkers:

Everyone can view a list of walkers, filterable by name, price, and rating.

## ● Price Filtering:

Listings can be filtered by a specific price.

## ● Address Attachment:

Owners need to attach an address in their booking request, which serves as the pickup and drop-off location for their dog.

## ● Booking Information:

Bookings display comprehensive information such as walker and owner details, state, address, and time in the walker's requests page and the walk page.



Softwares





# Visual Studio Code

## The Ultimate Coding Companion

Throughout the development process, we relied on Visual Studio Code, a feature-rich source code editor. With its vast array of extensions and tools, Visual Studio Code enhanced our productivity, offering a seamless coding experience and empowering efficient debugging and testing.



# SourceTree

## Simplifying Git Management

SourceTree is a user-friendly Git client that simplifies the process of managing Git repositories. With its intuitive interface and powerful features, SourceTree allows us to streamline our Git workflow and collaborate effectively on software development projects. It provides a visual representation of the repository, making it easy to track changes, manage branches, and handle code merges. SourceTree's seamless integration with popular code hosting platforms further enhances collaboration, enabling us to clone repositories, push changes, and create pull requests with ease.



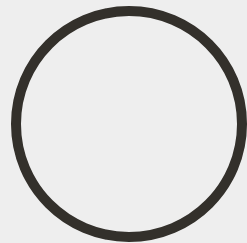


# Libraries



# Introduction

We are thrilled to present our latest web development project, built with cutting-edge technologies that deliver exceptional performance and user experience. Our website was developed using a powerful combination of React, Node.js, and MongoDB, providing a robust and scalable solution for your digital needs.





# React

## Unleashing Dynamic User Interfaces

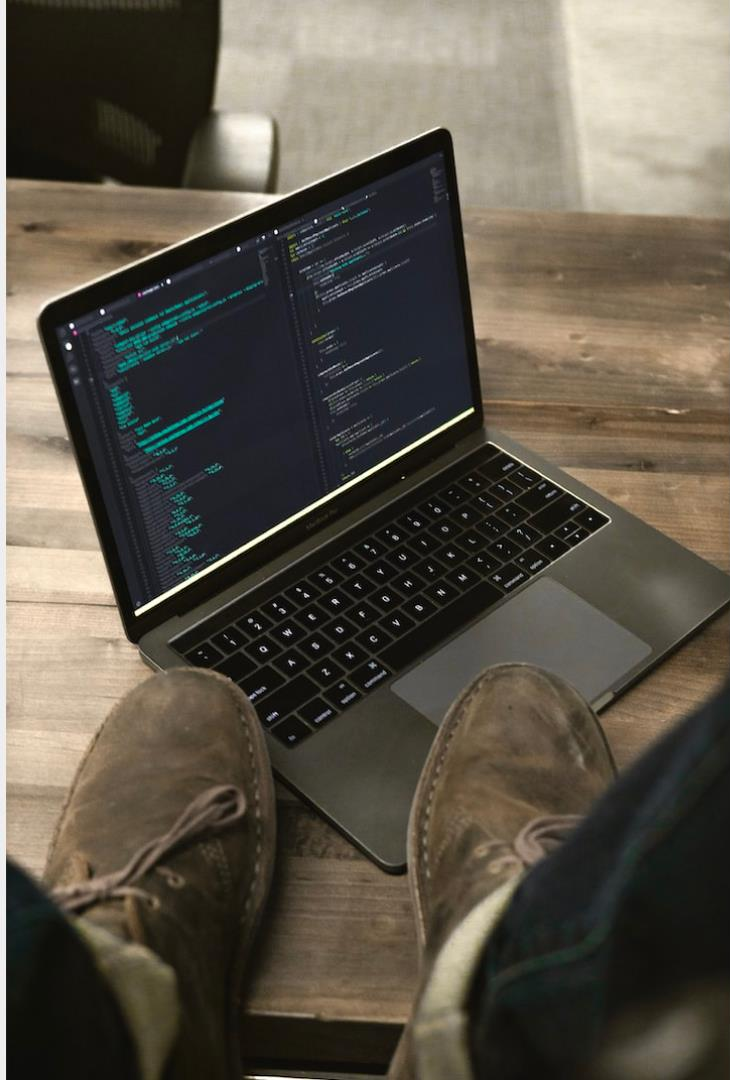
Our frontend development leveraged React, a state-of-the-art JavaScript library for building dynamic and interactive user interfaces. With React's component-based architecture, we crafted reusable UI elements that enhance responsiveness and ensure a seamless browsing experience.

```
verage;  
FROM marks WHERE subject_ID="  
(datasetsWithSubject) {  
  datasetsWithSubject.length > 0)  
  subjectAverage = 0;  
  datasetsWithSubjectLength = data  
  datasetsWithSubject.forEach((data  
    subjectAverage += parseFloat(  
  subjectAverage =  
  subjectAverage / data
```

# Node.js

## Empowering Server-side Logic

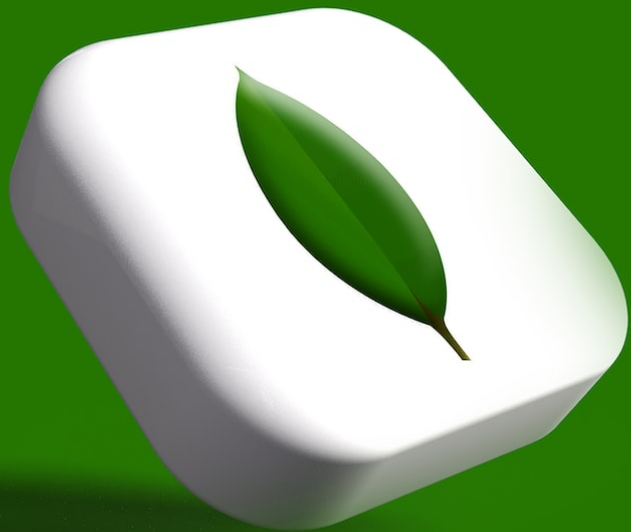
On the backend, we harnessed the power of Node.js, a versatile runtime environment for executing JavaScript outside of a web browser. Node.js enabled us to handle server-side logic, effortlessly manage HTTP requests and responses, and build a scalable backend infrastructure.



# Express.js

## Robust Web Application Framework

Express.js, a cutting-edge web application framework built on Node.js, revolutionizes the way we develop and deploy web applications. With its lightweight and minimalist design, Express.js empowers developers to create robust and scalable applications with remarkable ease. Its intuitive routing system and middleware support enable seamless handling of HTTP requests, making complex tasks simple and efficient. By leveraging Express.js, we accelerated our development process, delivering high-performance web applications that provide a smooth and engaging user experience.



# MongoDB

## Harnessing the Power of NoSQL

To store and manage data efficiently, we integrated MongoDB, a high-performance NoSQL database. MongoDB's flexible document-oriented approach enabled us to store and retrieve data in a JSON-like format, ensuring optimal performance and scalability for our application.



# Programming Languages







# JavaScript

JavaScript is a versatile programming language that powers the interactive elements and dynamic functionality of our website. With JavaScript, we can enhance user experiences by creating interactive features, handling form validations, and dynamically updating content without requiring page reloads. Its flexibility and widespread support across web browsers make it an essential tool for developing modern, responsive, and engaging web applications.





# HTML

## Hypertext Markup Language

HTML is the backbone of our web pages, providing the structure and content organization. It enables us to define the layout, headings, paragraphs, images, links, and other elements that make up our website. By using HTML, we ensure proper structuring and accessibility compliance, allowing search engines and assistive technologies to understand and navigate our content effectively. HTML's simplicity and compatibility make it a fundamental language for building web pages.



# CSS

## Cascading Style Sheets

CSS brings visual appeal and styling to our website, allowing us to customize the presentation and layout of HTML elements. With CSS, we can define colors, fonts, spacing, borders, and other design aspects to create a consistent and visually pleasing user interface. CSS also enables responsive design, making our website adapt seamlessly to different screen sizes and devices. By separating the style from the structure, CSS enhances maintainability and facilitates the creation of attractive and user-friendly web experiences.



Links



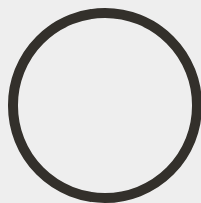
## The links

Teaser Video

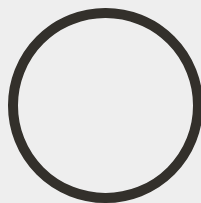
Link to the testable product

Link to Github

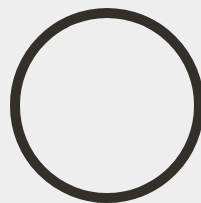
# Meet Our Team



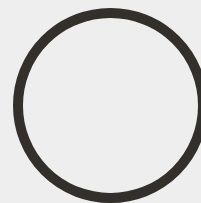
Chen Jianxin



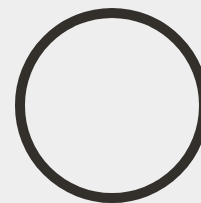
Mraidi Mohamed Amin



Zhou Mingkun



Bakhtier Tahsin  
Mohammad



Fenzari Ferial

Thank you !

