INTERNSHIP REPORT

Submitted in partial fulfillment of requirement
for the award of the degree

MASTER of COMPUTER APPLICATIONS

of

Visvesvaraya Technological University, Belagavi

By

Deepthi Nayak – 4NM20MC021

2020-2022

Nitte Mahalinga Adyanthaya Memorial Institute of Technology

Nitte – 574110, Karkala, Udupi District

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Under the guidance of

Y Vishnuvardhan, Chief Director, Exposys Data Labs

(Duration: 13th February, 2022 to 12th March, 2022)

(An Autonomous Institution affiliated to VTU, Belagavi)

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CERTIFICATE

This is to certify that the Internship Report

Submitted in partial fulfillment of requirement
for the award of the degree

MASTER of COMPUTER APPLICATIONS

is a result of the bonafide work carried out by

Deepthi Nayak – 4NM20MC021

During the academic year 2021-2022

Dr. Pallavi Shetty
Associate Professor
Department of MCA,
NMAM Institute of Technology, Nitte

Dr. Surendra Shetty
Professor& Head
Department of MCA,
NMAM. Institute of Technology, Nitte

ACKNOWLEDGEMENT

It gives me great pleasure to express my sincere heart-felt thanks to each and every one associated with this project, without whom the successful accomplishment of this Internship work would not have been possible.

I am thankful to Dr. Niranjan N Chiplunkar, Principal, NMAM.I.T., Nitte, for providing me an opportunity toundertake this Internship.

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I'm highly indebted to my mentor and project guide Dr Pallavi Shetty, Associate Professor, Department ofMCA, NMAM.I.T., Nitte for her guidance, support and constant supervision in completing this Internship.

I would like to express my sincere thanks to Exposys Data Labs, Bangalore, where I carried out this Internship.

Finally, I acknowledge with great gratitude, the encouragement provided by everyone who were a part of thisproject one or the other way.

DEEPTHI NAYAK

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CHAPTER 1

ABSTRACT

Every year, Exposys Data Labs offers internships to NMAMIT students so they can learn industry standards firsthand while still in education. The NMAM Institute of Technology, Nitte has accepted these internship drives as partial criteria for the delivery of a Masters in Computer Applications. I completed a WEB DEVELOPMENT internship, which helped me better comprehend the various languages and technologies utilized in the internet building industry.

The goal of the internship was to gain exposure to the domain and agile development process and to create a Web Application project using the knowledge acquired over the course of the four-week program. Understanding the key Web development technologies and learning about the value of various languages and their use cases in actual scenarios were primary foci of the training.

CHAPTER 2

ABOUT THE ORGANIZATION

In the present scenario, the rate of employment has further fallen down irrespective of the newer technologies coming up and organizations being set - up. Hence it becomes a cardinal role for every group of industries to come into light and guide people with expertise and exposure of companies that could benefit them in surviving the world with skilled employment.

To provide the same opportunities and services, and to counter the above-mentioned issues, Exposys Data Labs aims and aids to people by providing internship opportunities based on their chosen domain or interests and being bounded with proposed time period that suits their abilities the best.

Exposys Data Labs is a privately owned software-based company operated in Bulgaria, New York, and in India. It aims to solve real world business problems through new age technologies like Automation, Big Data, Data Analysis, and Artificial Intelligence.

The company focuses on providing solution, building prototypes for businesses which would help them to cater their management, work flow, and overall ethos of the business while bringing out the best of the capabilities among the employees and the technology at hand.

Also, with the continuous transitioning and exchange of services and expertise, it is important for people to get decent exposure of their skill sets and abilities making them confident about their decisions and turn them intocareer-oriented mindsets of the future.

Exposys Data Labs was founded in 2017 by Vishnuvardhan Y. Attempts to solve real-world business challenges such as Automation, Big Data, and Data Science. Their core team of

experts in various technologies help businesses to identify issues, opportunities and prototype solutions using trending technologies like AI, ML, Deep Learning and Data Science. They follow a human-focused and not technology driven approach to achieve success in our clients' endeavors.

The Company offers various services which are as follows:

- Software Development.
- Web Application Development.
- IT Source Services.
- Internships.
- Training.

CHAPTER 3

INTERNSHIP POSITION

This desire to use the Internet for nearly every purpose imaginable can be linked to the capacity to create, develop, and host online readable and usable portfolios, sometimes known as "websites." These websites are atthe heart of how the Internet works. As a result, the concept behind "Web Development" is the skill of constructing and hosting such websites on the Internet. It is one of the most important technological fields of modern computing and is an essential component of any business.

I finished my Internship as a Web Developer at Exposys Data Labs. I was given the project "Multi-Responsive Page," the overall purpose of which was website designing. A web developer's primary responsibility was to work on the client side, building web pages and visuals that are available to the user. We are aware that numerous languages and skills are required to complete a project. Languages I used in my project are:

- HTML5
- JavaScript.
- CSS
- Bootstrap.
- PHP
- XAMP

As a Web Developer, this job generally required the ability to do the following work:

- Know HTML, CSS, JavaScript, PHP, and other relevant web design coding languages.
- Create and test applications for websites.
- Present design specs.
- Work with graphics and other designers.
- Troubleshoot website problems.
- Maintain and update websites.

CHAPTER 4
INTERNSHIP EXPERIENCE

The capacity to create, develop, and host online legible and useful portfolios—commonly referred to as "websites"—has to be credited with making the Internet desirable for practically any purpose imaginable. The Internet functions as a whole because of these websites. Therefore, the concept behind "Web Development" is the art of building and hosting such websites on the Internet. It is one of the most significant technical fields in contemporary computing and is essential to all businesses.

The assignment assigned to us for the internship was to create a multi-page responsive website. Through this internship program, I had the chance to learn and create a web application on a subject of my choosing. I gained a great deal of expertise in the field of website creation through this internship program, and I also learned about the most popular technologies being utilized in the business.

The Exposys Data Labs team members greatly aided us in finishing our project during the internship time. When we encountered difficulties finishing our project, our mentors and trainers assisted us and helped us find solutions. We were required to create a web application as part of the one-month internship. They sent all the necessary requirements and other data by mail. Email was the method of communication if any updates or more information were to be provided.

We must create our website in accordance with their specifications before mailing the finished result back to them. They would need some time to verify the completed web application before informing the further procedures after it was given to them. Finally, they would offer a successful internship completed certificate provided the project met all of the prerequisites and standards that were listed.

I gained knowledge of a variety of technologies during my internship with Exposys Data Labs, including how to create web pages, understand operating systems, and utilize various web development tools. In the near future, I think my skill set in web development will benefit from them.

CHAPTER 5
PROJECT AND TECHNOLOGIES USED

This project is designed so as to be used by a car rental company specializing in renting cars to customers. It is an online system through which customers can view available cars, register, view profiles, and book cars.

Aims & Objectives

- create a web-based system that will enable customers to register and book cars online and will help the organization to manage their vehicle rental business successfully.
- To make it easier for customers to rent a car anytime they need to.

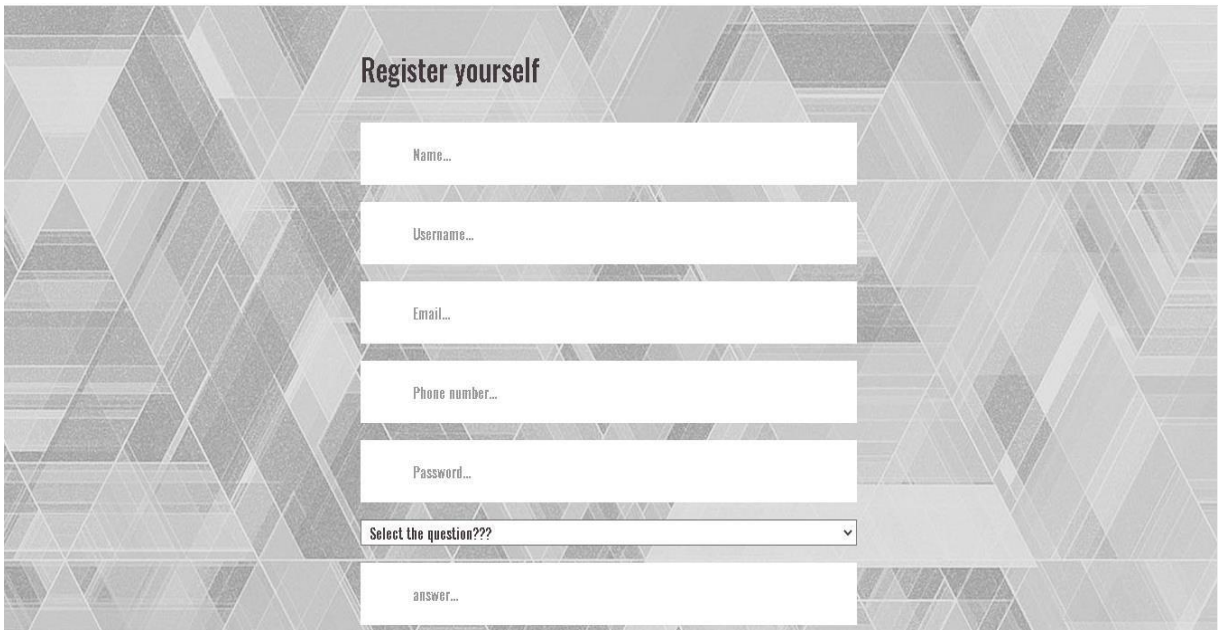
For the project's development, we used PHPMYADMIN for database design, basic PHP for the back end, and the same basic PHP for the front end. Software approaches focus more on the organizational than the technical parts of the software development process. Since the beginning of information technology, a number of software development methodologies have been employed. The back end of the entire system was created utilizing PHP, JavaScript, XAMP Server, and MYSQL. The web page is created using HTML, Bootstrap. To comprehend the client's request and respond to it, the XAMP Server is employed. Client-side validations are performed using JavaScript so that users can only enter valid data in input fields. The database is housed in the back-end tool MYSQL. Because of the user-friendly and straightforward architecture of the entire system, its implementation has been quite simple.

Each software module is meticulously verified for defects and output accuracy during the software testing phase. The created system is very user-friendly, and whenever needed, the user may access the detailed instructions online. The formal test encompassing all the components often marks the completion of the implementation process.

SCREENSHOTS:

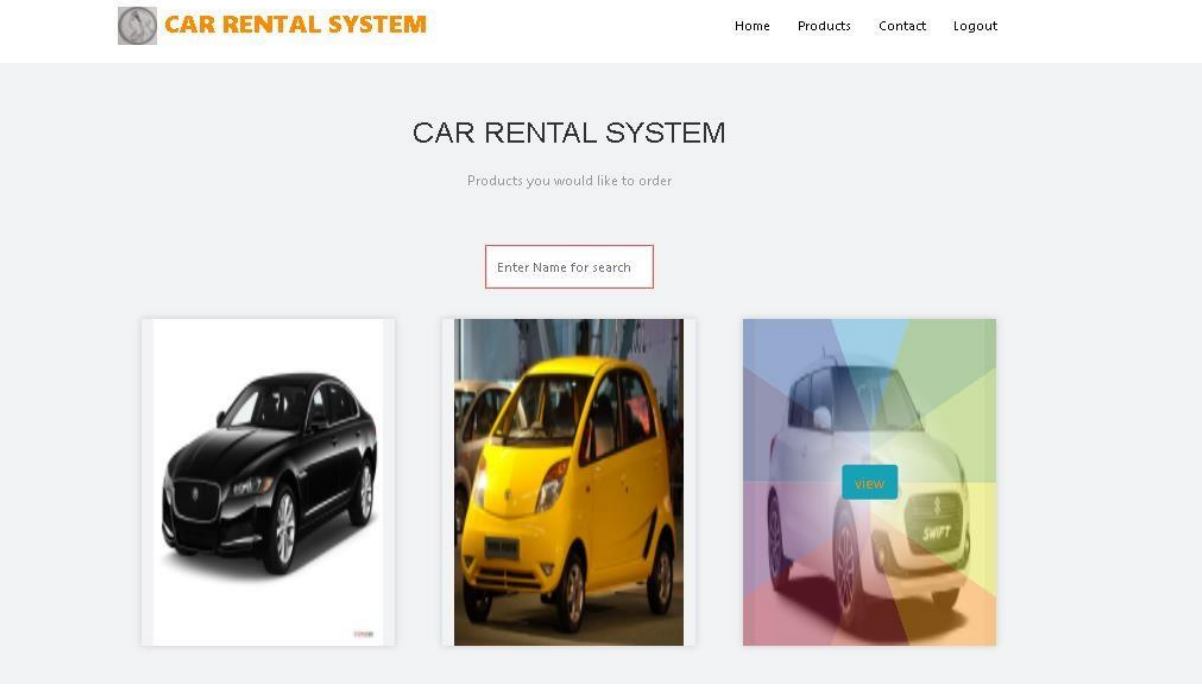
Home Page

Register Page



Login Page

View Products



Booking

RS.3000/DAY

JAGUAR XF

DESCRIPTION

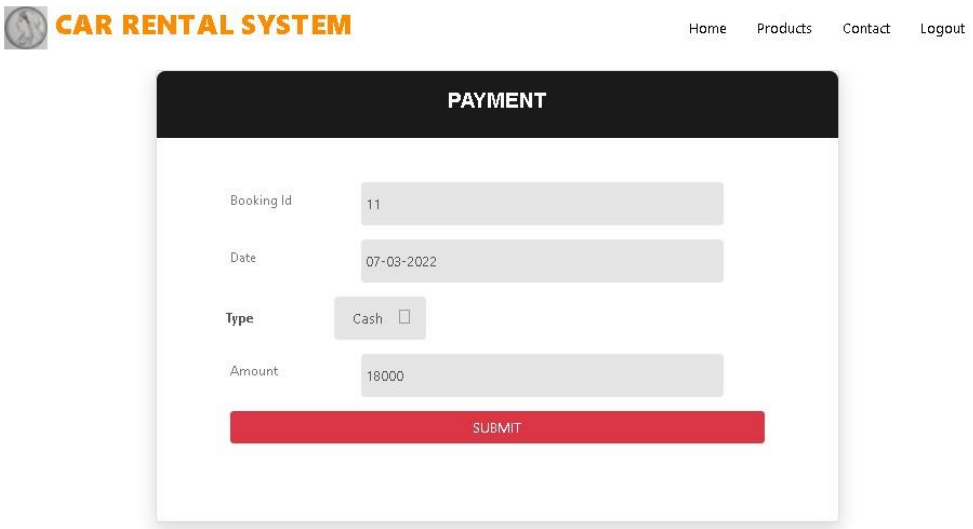
TYPE OF FUEL USED:PETROL

MODEL YEAR:2020

SEATING CAPACITY:5

BOOK NOW

Payment



Invoice

I N V O I C E

Sulthan Battery Road, Boloor,
Mangalore-575003 (Near
Church Gate)

Phone: +0824-245-7086

car rental, Mangalore

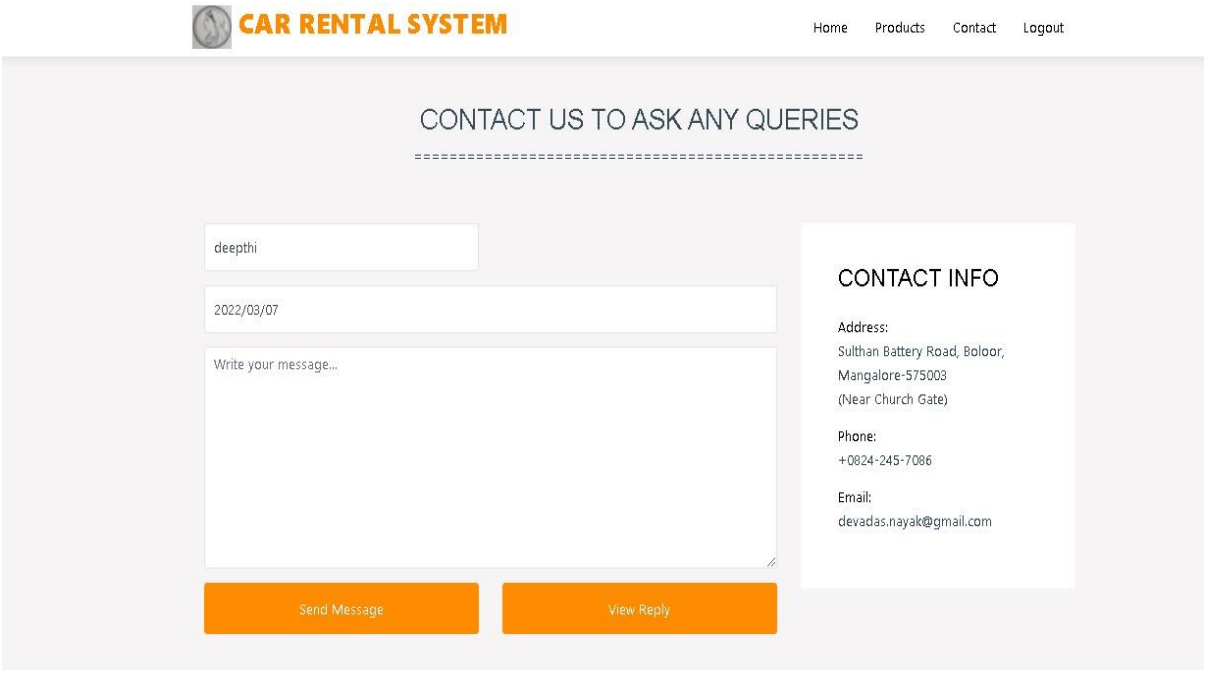
Client	deepthi
Date	March 07, 2022

car name	Car model	Unit Cost	No of Days	Price
Honda brio	2012	500	3	1500
Jaguar XF	2020	3000	6	18000

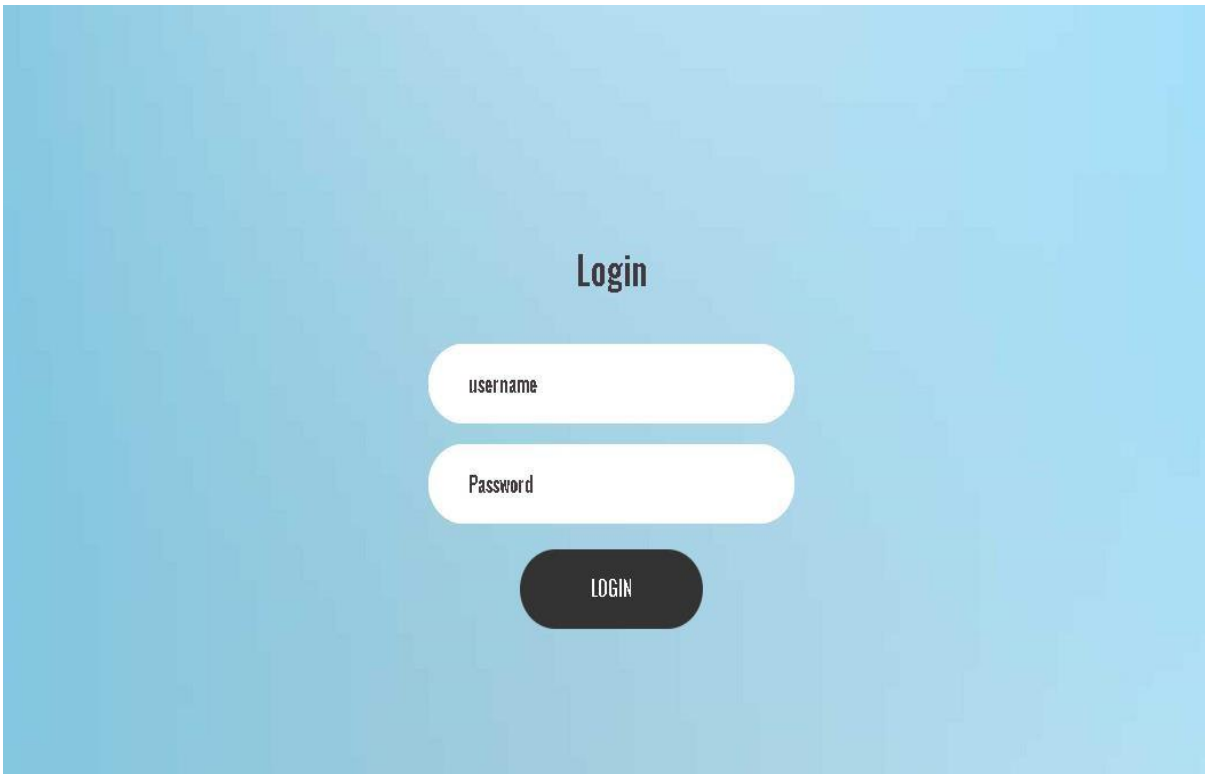
Grand total
Total 19500

done

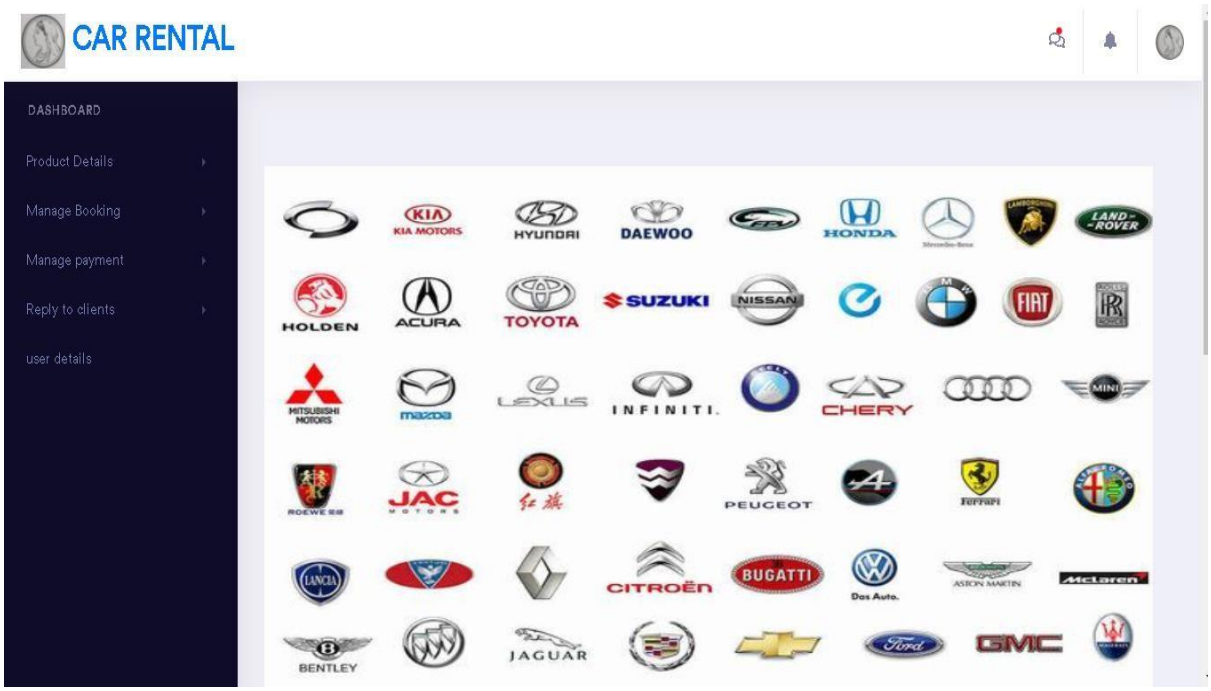
Contact Us



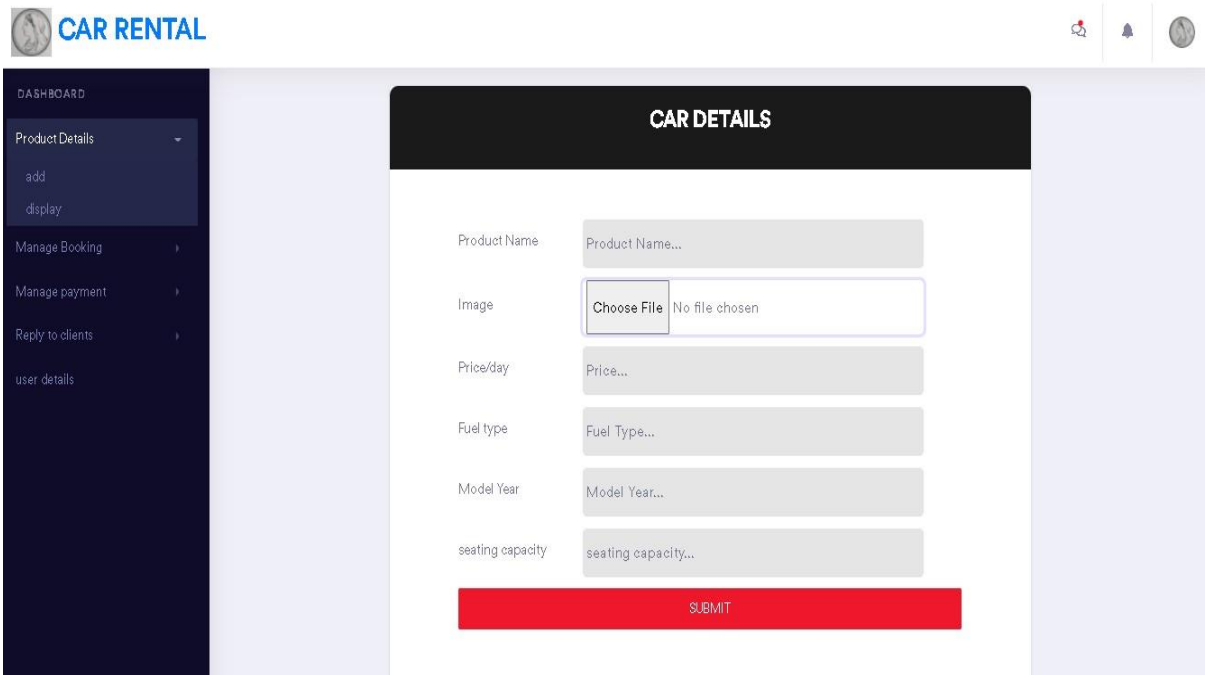
Admin Login



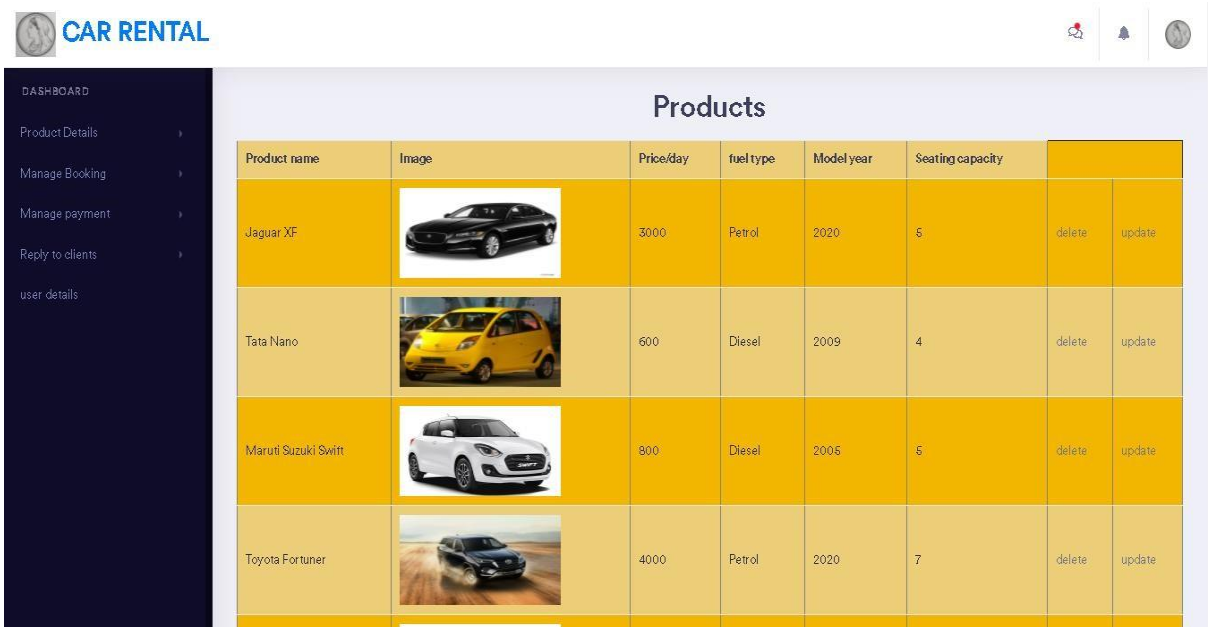
Dashboard



Add Products



Display products



CHAPTER 6
CONCLUSION

I have gained a lot of knowledge about the web development industry thanks to Exposys Data Labs. I realized that in order to build better projects and solve problems, I needed to acquire a greater understanding of how websites are made and the many technologies that are employed. During my four weeks of internship, I gained knowledge of business strategies and methods that would be useful to me moving forward.

Finally, I think my supervisors and the field of web development in general have taught me a lot. I'll apply all the knowledge and abilities I've acquired to my next position in the industry. I feel more confident in myself now that my internship is over, and I want to thank Exposys Data Labs for giving me this wonderful chance.