INSTITUTE FOR ADVANCED COMPUTING AND SOFTWARE DEVELOPMENT AKURDI, PUNE

Documentation On

Bike Rental System,

PG-DAC SEPT 2022

Submitted By:

Group No: 78

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Project Guide

ABSTRACT

This project is a web-based bike booking system for an existing company. The project objective is to deliver the online bike booking application into web platform.

This project is an attempt to provide the advantages of online booking of bike to customers. It helps booking the bikes from anywhere through internet by using a website from any device. Thus, the customer will get the service ofonline booking of his favorite bike. This system can beimplemented to any local or multinational branded companies having bikes for rents.

If companies are providing an online portal where their customers can enjoy easy booking from anywhere, the company won't be losing any more customers. Since this application is availablein the Smartphone it is easily accessible and always available.

ACKNOWLEDGEMENT

I take this occasion to thank God, almighty for blessing us with his grace and taking our endeavor to a successful culmination. I extend my sincere and heartfelt thanks to our esteemed guide, **Mrs. Rupali Thorat** for providing me with the right guidance and advice at the crucial juncture sand for showing me theright way. I extend my sincere thanks to our respected **Centre Co-Ordinator Mr.Rohit puranik**, for allowing us to use the facilities available. I would like tothank the other faculty members also, at this occasion. Last but not the least, I would like to thank my friends and family for the support and encouragement theyhave given me during the course of our work.

Ratnesh Patil (229189)

Krushna Bairagi (229165)

Table of Contents

LIST OF FIGURES

INTRODUCTION

This system is named as Bike Rent System. This system is designed to help the customers to take bikes or two-wheelers for rent. When we go on any trip outside the town or country, we want to be free of time so instead of going through metros and taxis, we prefer to have our own vehicle for rent.

Using this system customers who want to take bikes on rent can register themselves as renters and can take any bike on rent. Address of the both are required as the customer can only take bike by going to the address provided and the vehicle owners can know the address that a customer is verified or not. The customer also has to upload some proofs to take the bike on rent.

Proofs like license, pan card, and identity card are compulsory so that no one could run taking the bike. Any customer whose proofs are not uploaded and are not valid will not be allowed to take any bike on rent. This has one admin account that verifies the registering user

This system has only one admin account and cannot have more than one admin account. Admin can verify the user who is booking the bike and accept the booking. If the admin does not verify the user booking the booking will be pending. All other features are explained further in detail.

Features: -

1. Live status of bikes availability
2. Search for different bike variants easily
3. Allows the customers to book the bike.
4. Date and time of booked bike by the system
5. Payment through website
6. Customer feedback system
7. The admin can add/delete/update bikes.

1.1 PROJECT OBJECTIVE

The advancement in Information Technology and internet penetration has greatly enhanced various business processes and communication between company's services provider and their customers of which bike rental industry is not left out. This E-Bike Rental system is developed to provide the following services
Enhance Business Processes To be able to use internet technology to project the rental company to the global world instead of limiting their services to their local domain alone, thus increase their return on investment

1.2 PROJECT OVERVIEW

Now a day's human wants comfortable in every sector in their life. For digitalization human's life become for comfortable. People want to do their work very easily and they try to ensure their comfortable life. For this website people can make their ride easy and they can work efficiently. This system can save peoples time and rise their productivity in their work. If someone needs bike or scooter temporally, they can rent the bike for their need able time. It's important to rent a right bike or scooter the client. That's all the things are handle by admin. In this system their show all of the bikes and the name of the variants and also price of renting and also time of the renting. Admin always handle those things that all the shown bike or scooter is available or not. If the bike or scooter is not available that will be show in this website. If there need add the bike or scooter, then admin can add those. In their admin manage the whole system. If the client wants to rent any bike or scooter, they need to register first with the required fields. When clients are registered member in this website then they can show all the available bike or scooter. They also rent bike or scooter which is shown available in the website. Client can manage their profile; They also see their payment history in their profile. Client can cancel their renting request within the valid reason. Client can give their valuable feedback in this system that how they feel comfortable with this service

1.3 PROJECT SCOPE

The bike rental system to keep detail records of both the bikes and the customers, the duration they rent bike as well as the type of bike they rent.
The system will be mainly design for small a company that renders it bike rental services to customers.
The system will have the ability to generate invoice for each successful transaction.
The system will have feedback system for each bike booking.

1.4 STUDY OF THE SYSTEM

1.4.1 MODULES:

The system after careful analysis has been identified to be presented with the following modules and roles.

The modules involved are:

- Admin
- Customers
- Bikes

1.4.1.1 Admin:

The administrator is the super user of this application. Only admin have access into this admin page. Admin may be the owner of the shop. The administrator has all the information about the customers and about all bikes and booking

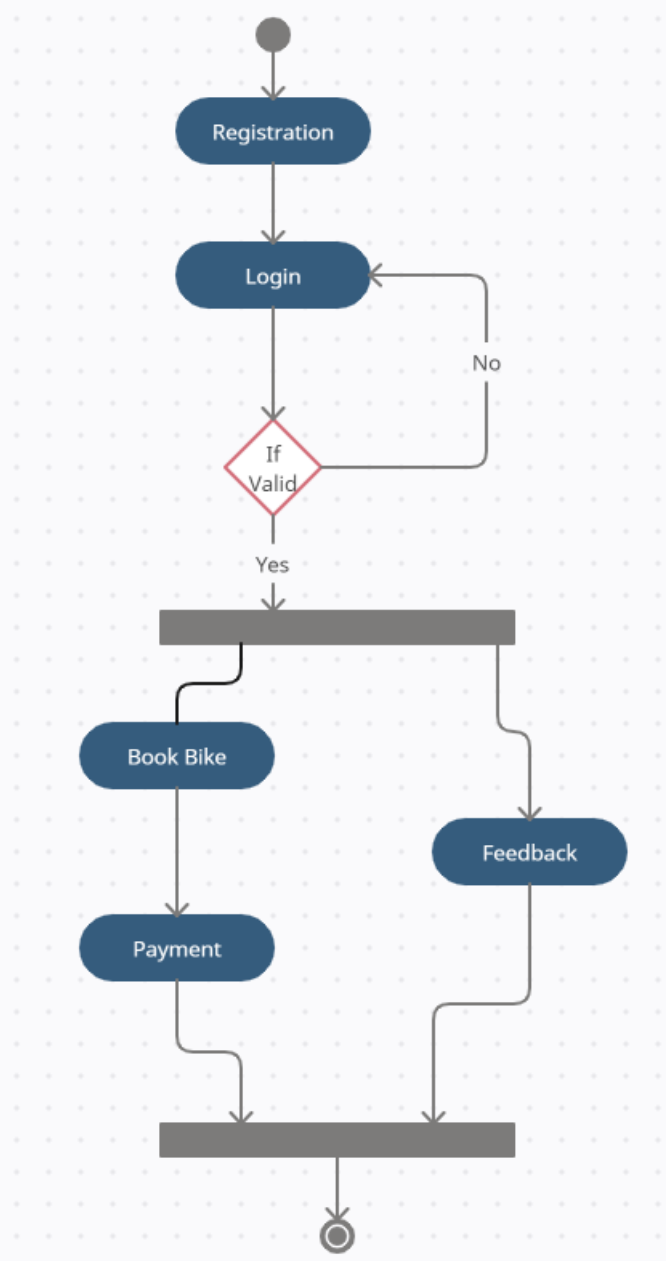


Figure 1 Activity Diagram

- **Add Bikes**

  The rental system contains different kinds of bikes of different companies and variants. The Bikes can be classified into different companies. Admin can add new bike into the existing system with all its details including an image.

- **Delete Bike**

  Administrator can delete the bike based on the availability of that particular bike.

- **Search Bike**

  Admin will have a list view of all the existing Bike. He can also search for a particular Bike by company name.

- **Manage Rents**

  Admin have the privilege to change bike rent.

- **Update Bike**

  Only admin is having the privilege to update bike details.

1.4.1.2 Customer:

- **Customer sign in, sign out, register**

  This feature is provided to customer so he can sign in, sign out and register for new customer.

- **Search Bike**

  Customer can search the bike as per his wish in specific category.

- **Booking**

  Customer can book a bike as per his requirements

- **Booking Details**

  Customer have a privilege to his booking he can see his booking details.

- **Payments**

  Customer have a privilege to his booking he can see his booking details.

- **Feedback**

  Customer can give feedback about bikes.

- **Cancel Booking**

  Customer can cancel the booking.

1.4.1.3 Bikes:

- **Bike Company**

  Companies can have different bikes which are available for booking

- **Bike variants**

  Bike can have different types of variants from same company

- **Bikes:**

  Company can have different bikes which is managed by admin and booked by customers

SYSTEM ANALYSIS

System analysis is the process of gathering and interpreting facts, diagnosing problems, and using the information to recommend improvements on the system. System analysis is a problem-solving activity that requires intensive communication between the system users and system developers.

System analysis or study is an important phase of any system development process. The system is viewed as a whole, the inputs are identified, and the system is subjected to close study to identify the problem areas. The solutions are given as a proposal. The proposal is reviewed on user request and suitable changes are made. This loop ends as soon as the user is satisfied with the proposal.

2.1 EXISTING SYSTEM

The current system for booking is to visit the shop manually and from the available bikes choose the bike customer want and book the bike by payment of the price of the it.

- ✓ It is less user-friendly.
- ✓ User must go to shop and select bike.
- ✓ It is difficult to identify the required bike.
- ✓ Description of the bike limited.
- ✓ It is a time-consuming process.
- ✓ Not in reach of distant users.

Bike Rental System service will help users to book a bike for some fee specified. Till now there was no clear web-based UI to help the users to rent the vehicle. They had to manually rent the vehicle through their offices. It was a difficult task to manage rental vehicles. Keeping track of all the rental bikes was a problem.

2.2 PROPOSED SYSTEM

This Bike Rental System project will enable the user to rent a vehicle. The user shall login to the system and check for availability of bikes. The user specifies a type of bike and the journey date and time. The Bike Rental System shall check for the availability of the bike and rent the bike to the customer. The user can make payment online. The tool is designed using Spring boot and ReactJS. All the data regarding the rental bikes are stored in MySQL database. The user
has to enter his name, address, phone details and check for the bikes available for rent.
The UI is very simple and the connectivity to back end is robust. The main advantage is
that the user shall be able to choose a bike depending on his budget.

2.3 SYSTEM REQUIREMENT SPECIFICATION

2.3.1 GENERAL DESCRIPTION

Product Description:

The system consists of two parts. A web application which can provide the online booking for the customer to access the web service from his Smartphone/System. Web application should be able to help the customer for selecting his item and to help the owner in managing the orders from the customers.

Problem Statement:

As online bike booking became a trend nowadays the regular shops are losing their customers to online brands. Customers have effortless booking experience and saving time through booking online.For competing with those online brands, if shops are providing an online portal where their customers can book through internet and get the bikes as they want to ride and it will increase the number of customers

2.3.2 SYSTEM OBJECTIVES

- To provide a Web application for online booking of bikes in an existing shop.
- To provide an online bike booking web site for the same shop.

2.3.3 SYSTEM REQUIREMENTS

2.3.3.1 NON-FUNCTIONAL REQUIREMENTS

i. EFFICIENCY REQUIREMENT

When an online bike booking android application implemented customer can purchase product in an efficient manner. The system must provide easy and fast access without consuming more cost.

ii. RELIABILITY REQUIREMENT

The system should provide a reliable environment to both customers and owner. All bookings should be reaching at the admin without any errors.

iii. USABILITY REQUIREMENT

The Web application is designed for user friendly environment and ease of use.

iv. IMPLEMENTATION REQUIREMENT

Implementation of the system using React in front end with Spring Boot as back end and it will beused for database connectivity. And the database part is developed by MySQL. Responsive web designing is used for making the website compatible for any type of screen.

v. DELIVERY REQUIREMENT

The whole system is expected to be delivered in four months of time with a weekly Evaluation by the project guide

2.3.3.1 FUNCTIONAL REQUIREMENTS

- **CUSTOMER**

LOGIN

Description of feature

This feature used by the customer to login into system. A customer must login with his username and password to the system after registration. If they are invalid, the user not allowed to enter the system.

Functional Requirement

- Username and password will be provided after user registration is confirmed.
- Password should be hidden from others while typing it in the field

- **REGISTER NEW USER**

Description of feature

A new user will have to register in the system by providing essential details in order to view the products in the system. The admin must accept new user by unblocking him.

Functional Requirement

- System must be able to verify and validate information.
- The system must encrypt the password of the customer to provide security.

- **BOOKING BIKE**

Description of feature

the customer can book the desired bikes by clicking book option on the bike. He canview his bookings by clicking on the booked bikes. All bikes booked by customer can be viewed in the booked bikes. Customer can cancel a booking. For confirming the booking customer have to pay the rent of the bike which confirms the booking. customer can give the feedback of bikes which are booked by him.

Functional Requirement

- System must ensure that, only a registered customer can purchase items.
- Admin account should be secured so that only owner of the shop can access that account

MODERATOR

Description of features

A moderator is considered as a staff who can manage orders for the time being. As a future update moderator may give facility to add and manage his own products. Moderators can reduce the workload of admin. Now moderator has all the privilege of an admin having except managing other moderators. He can manage users and manage products. He can also check the orders and edit his profile.

Functional Requirement

- The system must identify the login of a moderator.

ADMIN

- **MANAGE CUSTOMER**

Description of features

The administrator can view customers who booked the bike. He can cancel the booking of customer

- **MANAGE MODERATOR**

Description of features

The administrator can add moderator, delete moderator, block moderator and search for a moderator.

- **MANAGE BIKES**

Description of features

The administrator can add bikes, delete bikes, view bikes and update bikes.

- **MANAGE BOOKINGS**

Description of features

The administrator can view bookings and cancel bookings.

Functional Requirements:

- The system must identify the login of the admin.
- Admin account should be secured so that only owner of the shop can access that account.

- **MODERATOR**

Description of features

A moderator is considered as a staff who can manage orders for the time being. As a future update moderator may give facility to add and manage his own products. Moderators can reducethe workload of admin. Now moderator has all the privilege of an admin having except managing other moderators. He can manage users and manage products. He can also check the orders and edit his profile.

Functional Requirement

- The system must identify the login of a moderator.

SYSTEM DESIGN

System design is the solution for the creation of a new system. This phase focuses on the detailed implementation of the feasible system. Its emphasis on translating design. Specifications to performance specification. System design has two phases of development.

- Logical Design
- Physical Design

During logical design phase the analyst describes inputs (sources), outputs(destinations), databases (data sores) and procedures (data flows) all in a format that meets the user requirements. The analyst also specifies the needs of the user at a level that virtually determines the information flow in and out of the system and the data resources. Here the logical design is done through data flow diagrams and database design. The physical design is followed by physical design or coding. Physical design produces the working system by defining the design specifications, which specify exactly what the candidate system must do. The programmers write the necessary programs that accept input from the user, perform necessary processing on accepted data and produce the required report on a hard copy or display it on the screen.

3.1 INPUT AND OUTPUT DESIGN

3.1.1 INPUT DESIGN:

Input design is the link that ties the information system into the world of its users. The input design involves determining the inputs, validating the data, minimizing the data entry and provides a multi-user facility. Inaccurate inputs are the most common cause of errors in data processing. Errors entered by the data entry operators can be controlled by input design. The user-originated inputs are converted to a computer-based format in the input design. Input data are collected and organized into groups of similar data. Once identified, the appropriate input media are selected for processing. All the input data are validated and if any data violates any conditions, the user is

warned by a message. If the data satisfies all the conditions, it is transferred to the appropriate tables in the database. In this project the student details are to be entered at the time of registration. A page is designed for this purpose which is user friendly and easy to use. The design is done such that users get appropriate messages when exceptions occur.

3.1.2 OUTPUT DESIGN:

Computer output is the most important and direct source of information to the user. Output design is a very important phase since the output needs to be in an efficient manner. Efficient and intelligible output design improves the system relationship with the user and helps in decision making. Allowing the user to view the sample screen is important because the user is the ultimate judge of the quality of output. The output module of this system is the selected notifications.

DATABASE DESIGN

3.2 DATABASE

Databases are the storehouses of data used in the software systems. The data is stored in tables inside the database. Several tables are created for the manipulation of the data for the system. Two essential settings for a database are

- Primary key - the field that is unique for all the record occurrences
- Foreign key - the field used to set relation between tables

Normalization is a technique to avoid redundancy in the tables.

3.3 SYSTEM TOOLS

The various system tools that have been used in developing both the front end and the back end of the project are being discussed in this chapter.

3.3.1 FRONT END:

React is a library which is developed by Facebook are utilized to implement the frontend. React (also known as React.js or ReactJS) is a free and open-source front-end JavaScript library for building user interfaces or UI components. It is maintained by Facebook and a community of individual developers and companies. React can be used as a base in the development of single page or mobile applications. However, react is only concerned with state management and rendering that state to the DOM, so creating React applications usually requires the use of additional libraries for routing, as well as certain client-side functionality.

3.3.2 BACKEND:

The back end is implemented using MySQL which is used to design databases.

MySQL:

MySQL is the world's second most widely used open-source relational database management system (RDBMS). The SQL phrase stands for Structured Query Language. An applicationsoftware called Navicert was used to design the tables in MySQL.

Spring-Boot:

This is used to connect MYSQL and fetch data from database and store the data in database. TheSpring Framework is an application framework and inversion of control container for the Java platform. The framework's core features can be used by any Java application, but there are extensions for building web applications on top of the Java EE (Enterprise Edition) platform. Although the framework does not impose any specific programming model, it has become popularin the Java community as an addition to the Enterprise JavaBeans (EJB) model. The Spring Framework is Open-source Framework.

0 Level DFD for ADMIN

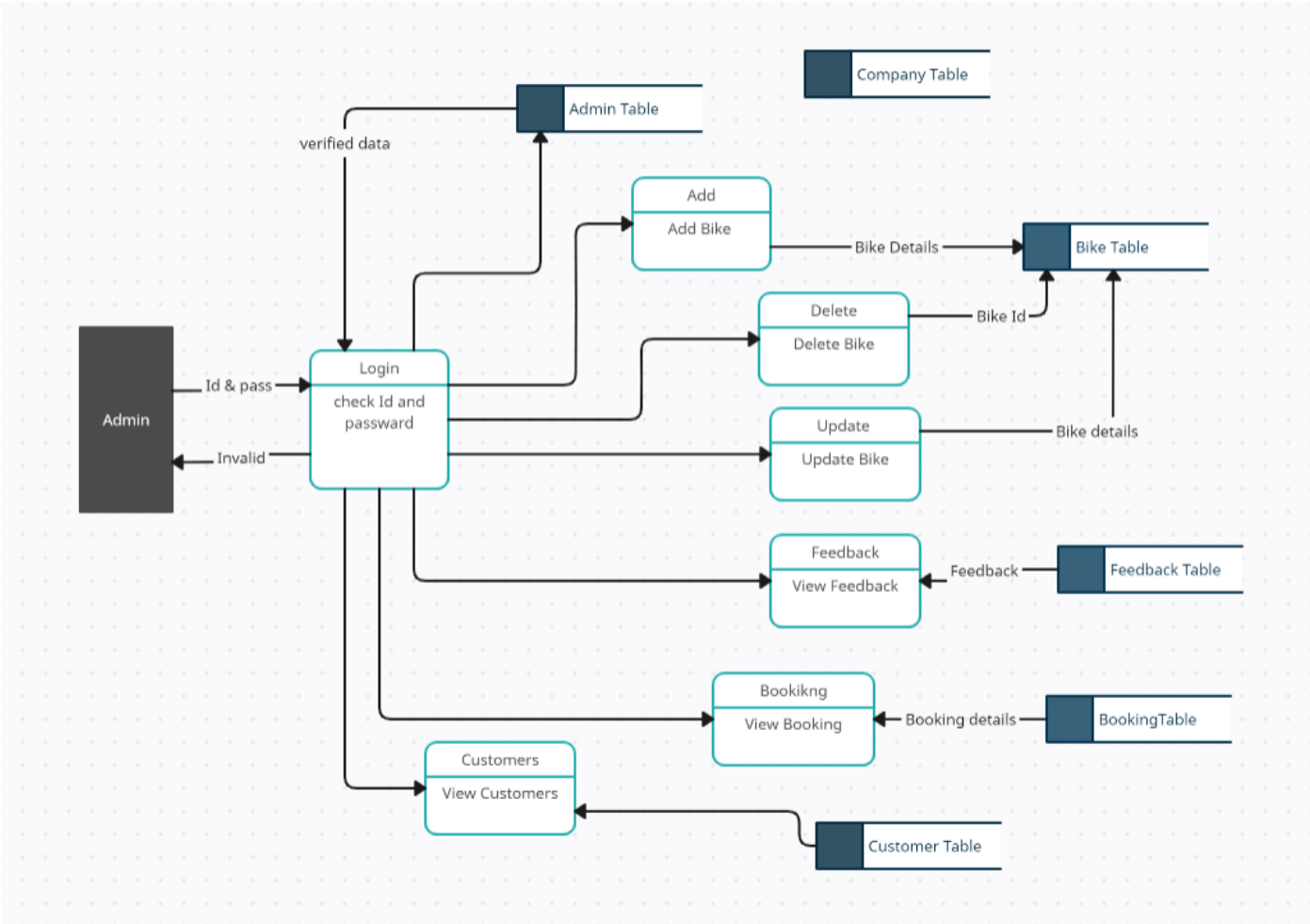


Figure 2 0 Level DFD for ADMIN

0 Level DFD for CUSTOMER

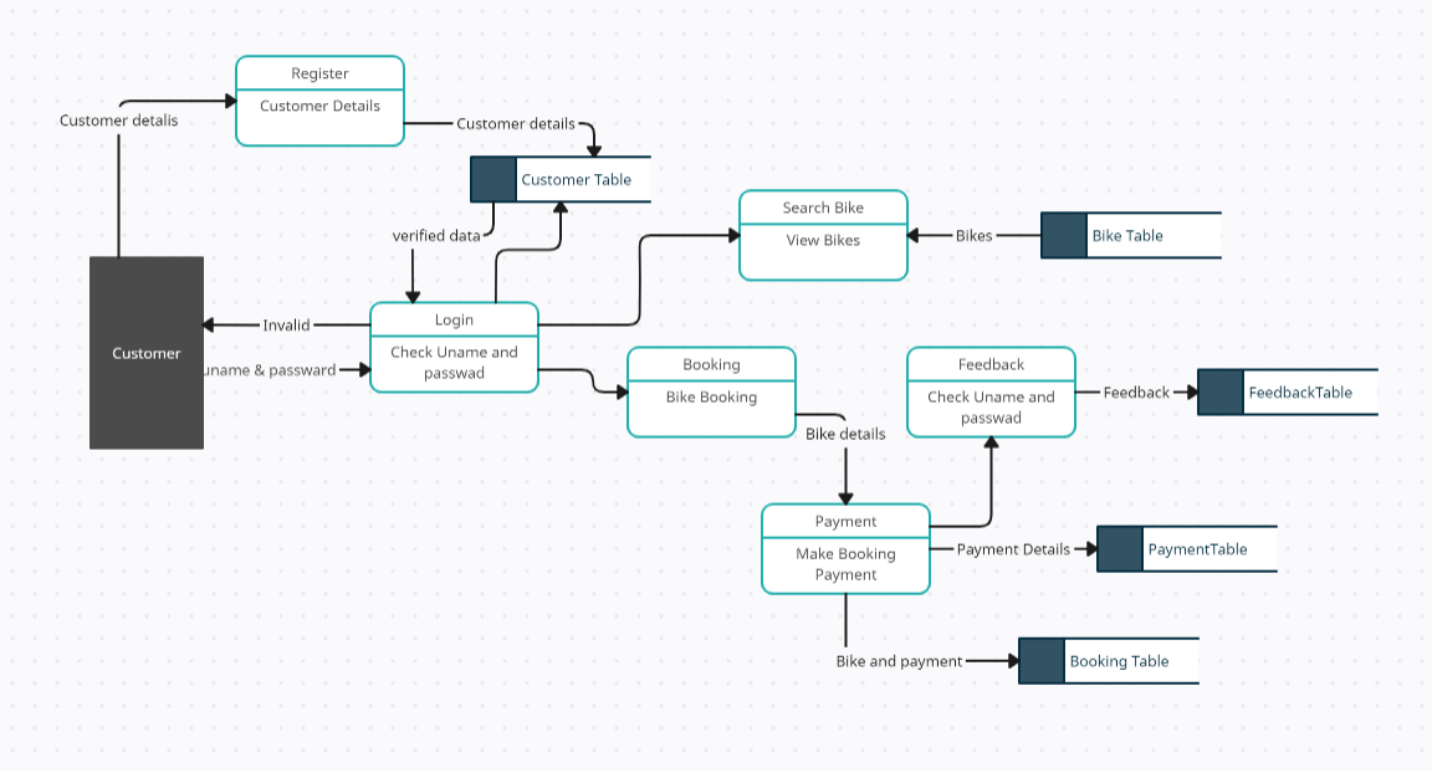


Figure 3 0 Level DFD for CUSTOMER

E-R Diagram:

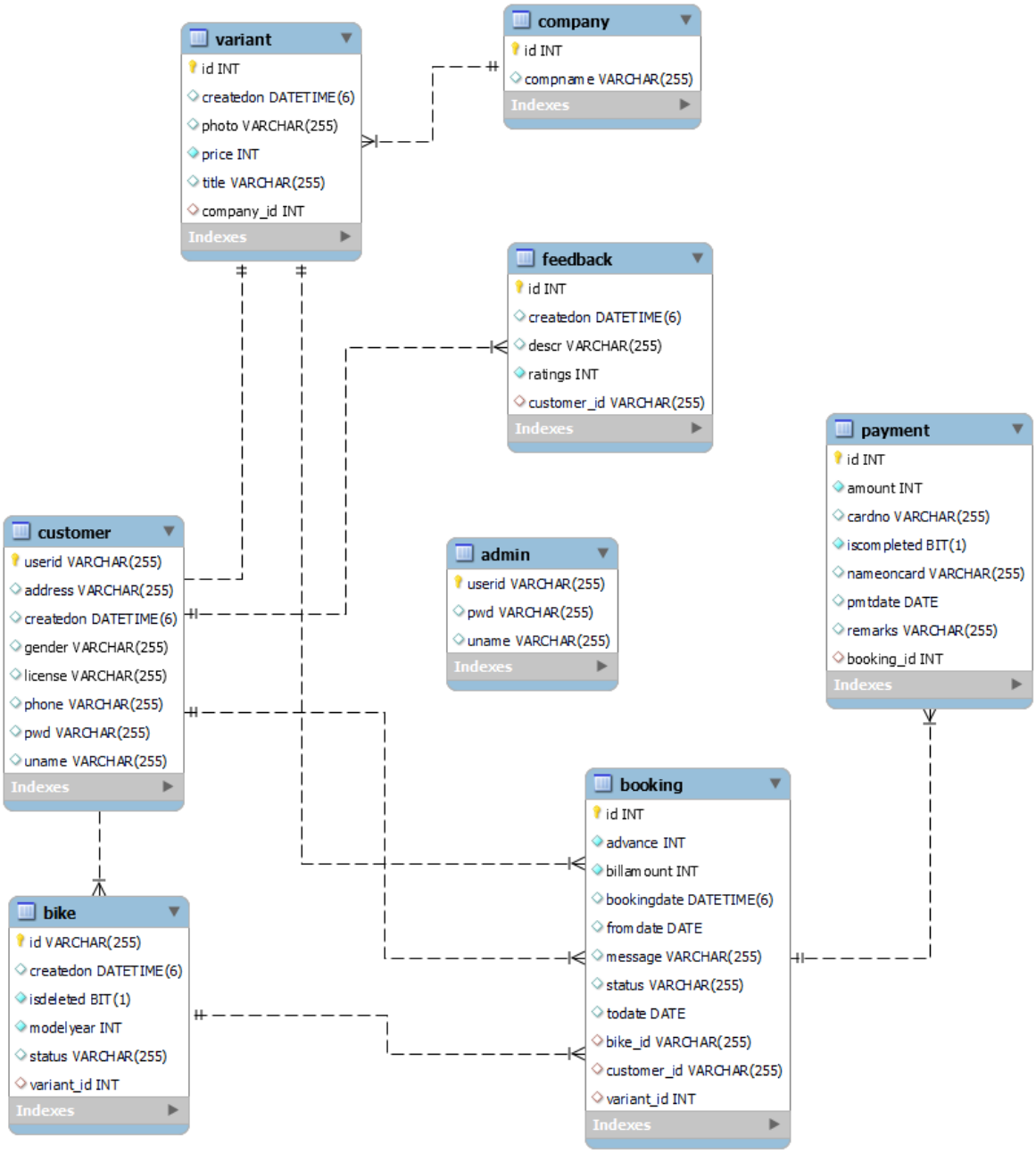


Figure 4 E-R Diagram

E-R Diagram:

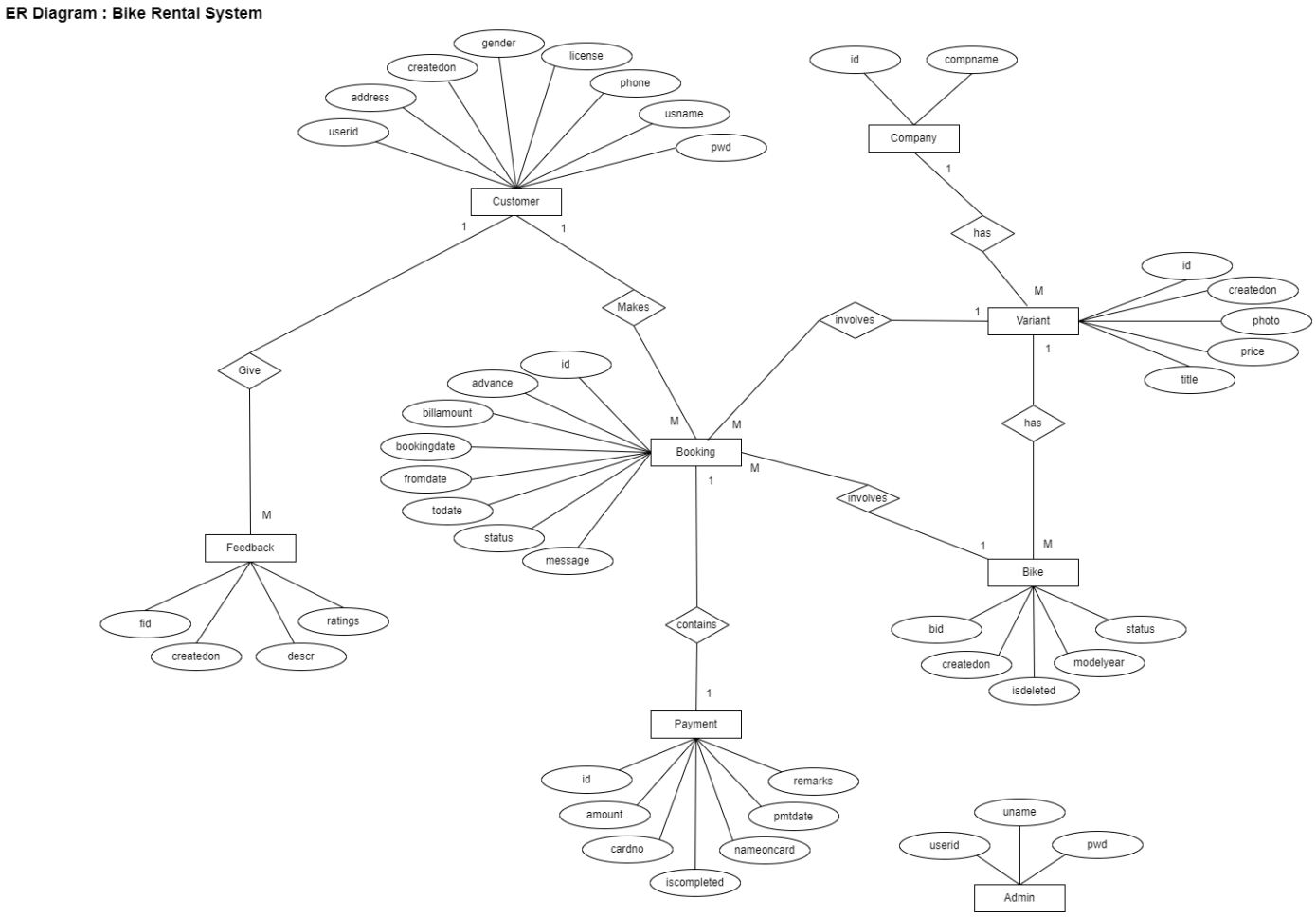


Figure 5 E-R Diagram

USE-CASE Diagram:

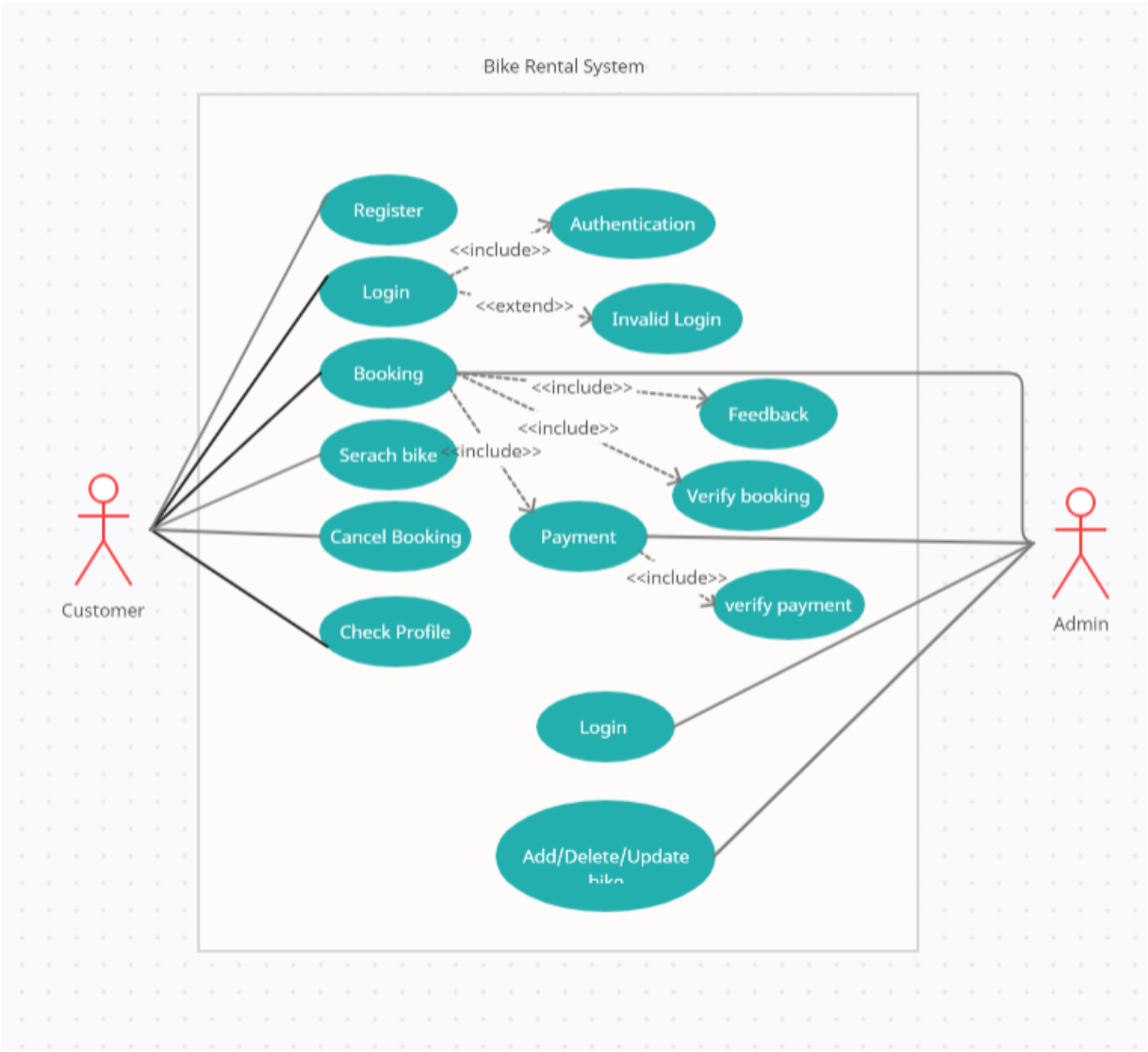


Figure 6 Use-Case Diagram

SEQUENCE Diagram:

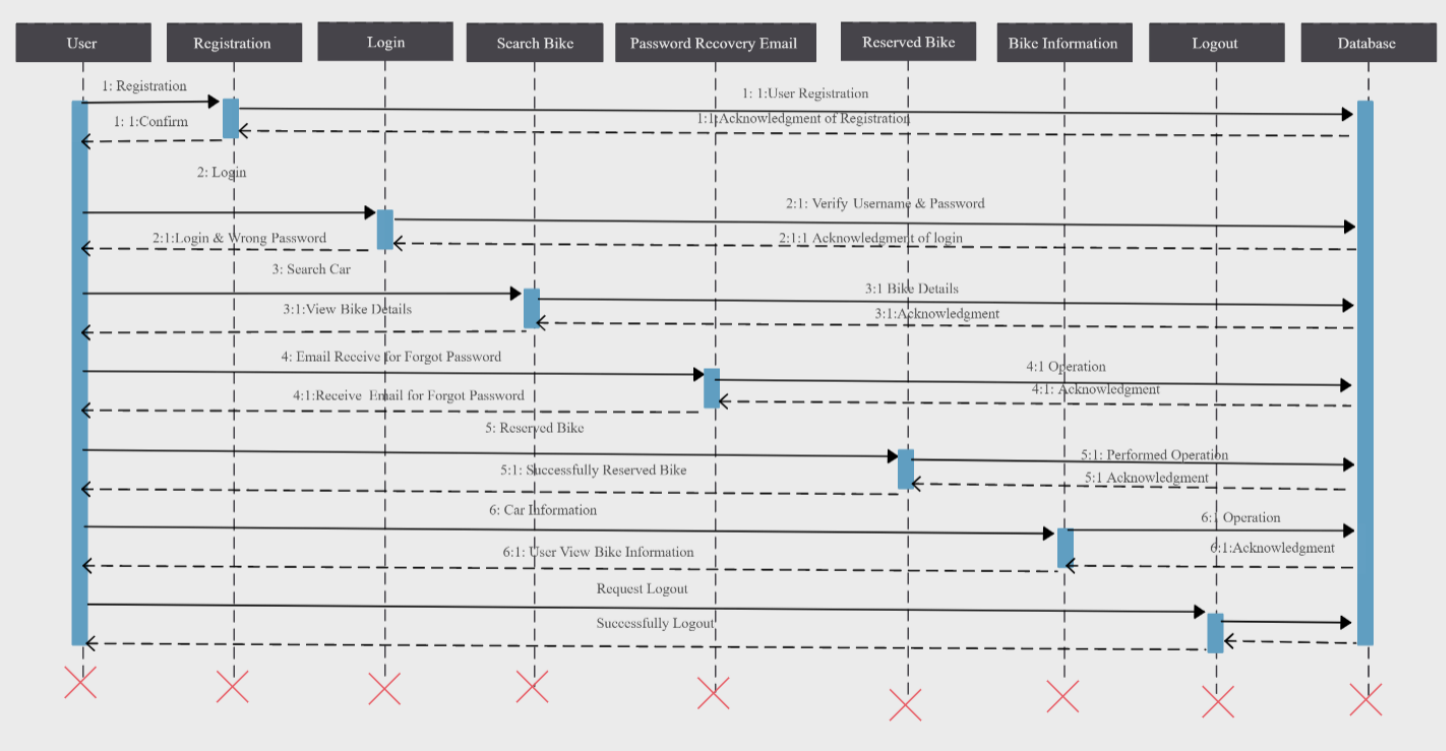


Figure 7 Sequence Diagram

Class Diagram:

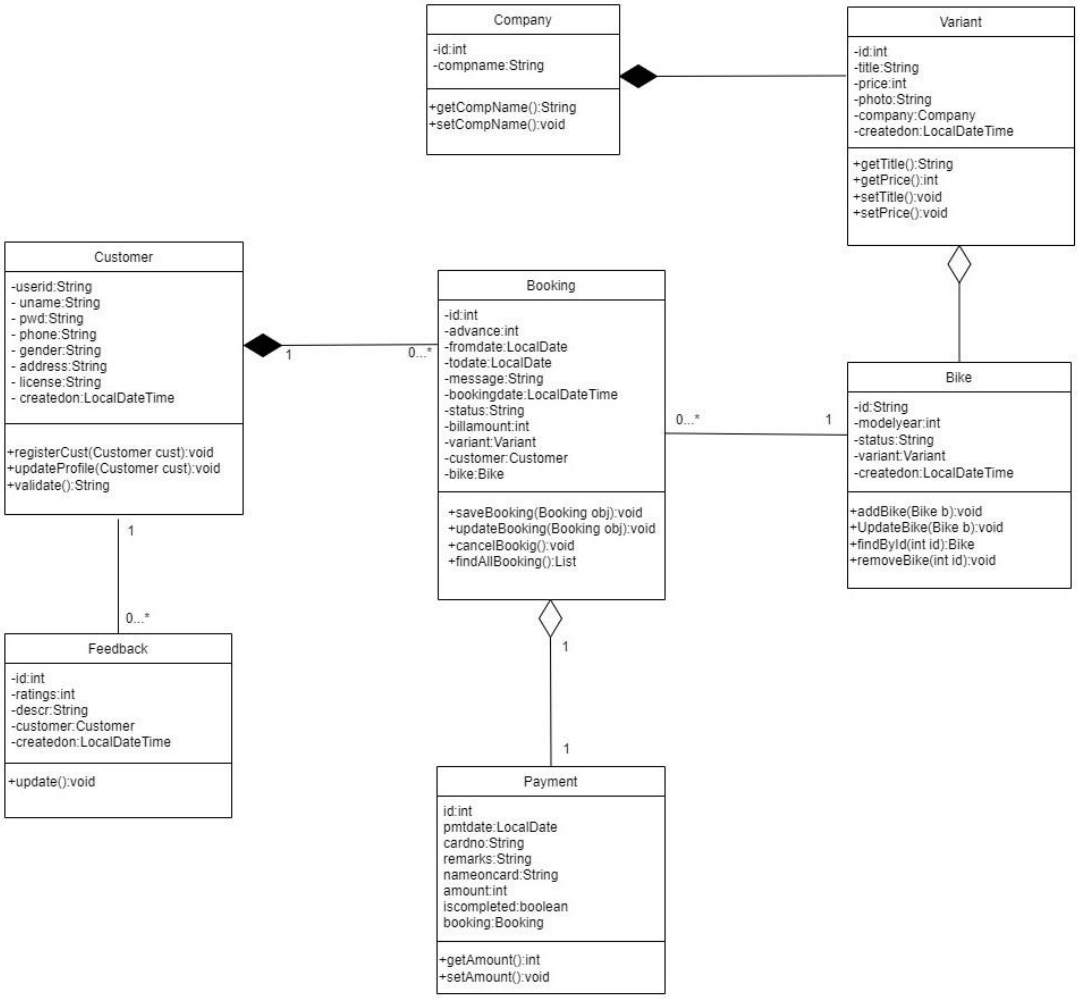


Figure 8 Class Diagram

TABLE STRUCTURE:

Tables:

Tables_in_bikerentaldb
admin
bike
booking
company
customer
feedback
payment
variant

Admin:

Field	Type	Null	Key	Default	Extra
userid	varchar(255)	NO	PRI	NULL	
pwd	varchar(255)	YES		NULL	
uname	varchar(255)	YES		NULL	

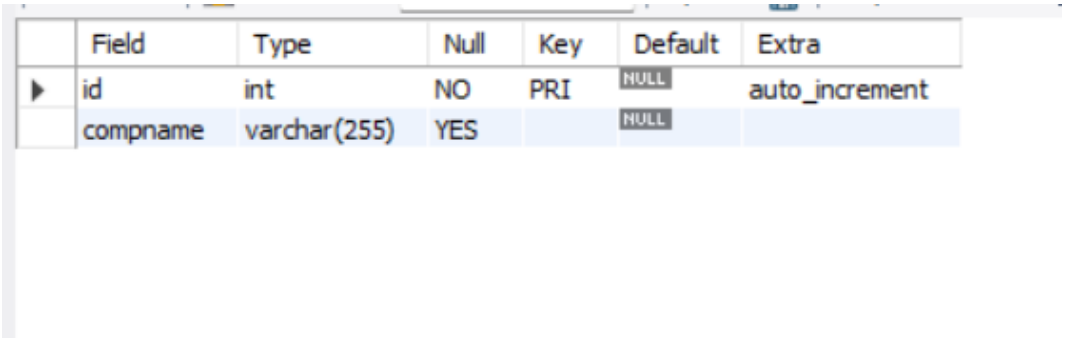
Customer:

Field	Type	Null	Key	Default	Extra
userid	varchar(255)	NO	PRI	NULL	
address	varchar(255)	YES		NULL	
createdon	datetime(6)	YES		NULL	
gender	varchar(255)	YES		NULL	
license	varchar(255)	YES		NULL	
phone	varchar(255)	YES		NULL	
pwd	varchar(255)	YES		NULL	
uname	varchar(255)	YES		NULL	

Bike:

Field	Type	Null	Key	Default	Extra
id	varchar(255)	NO	PRI	NULL	
createdon	datetime(6)	YES		NULL	
isdeleted	bit(1)	NO		NULL	
modelyear	int	NO		NULL	
status	varchar(255)	YES		NULL	
variant_id	int	YES	MUL	NULL	

Company:



Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	auto_increment
compname	varchar(255)	YES		NULL	

Variant:

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	auto_increment
createdon	datetime(6)	YES		NULL	
photo	varchar(255)	YES		NULL	
price	int	NO		NULL	
title	varchar(255)	YES		NULL	
company_id	int	YES	MUL	NULL	

Booking:

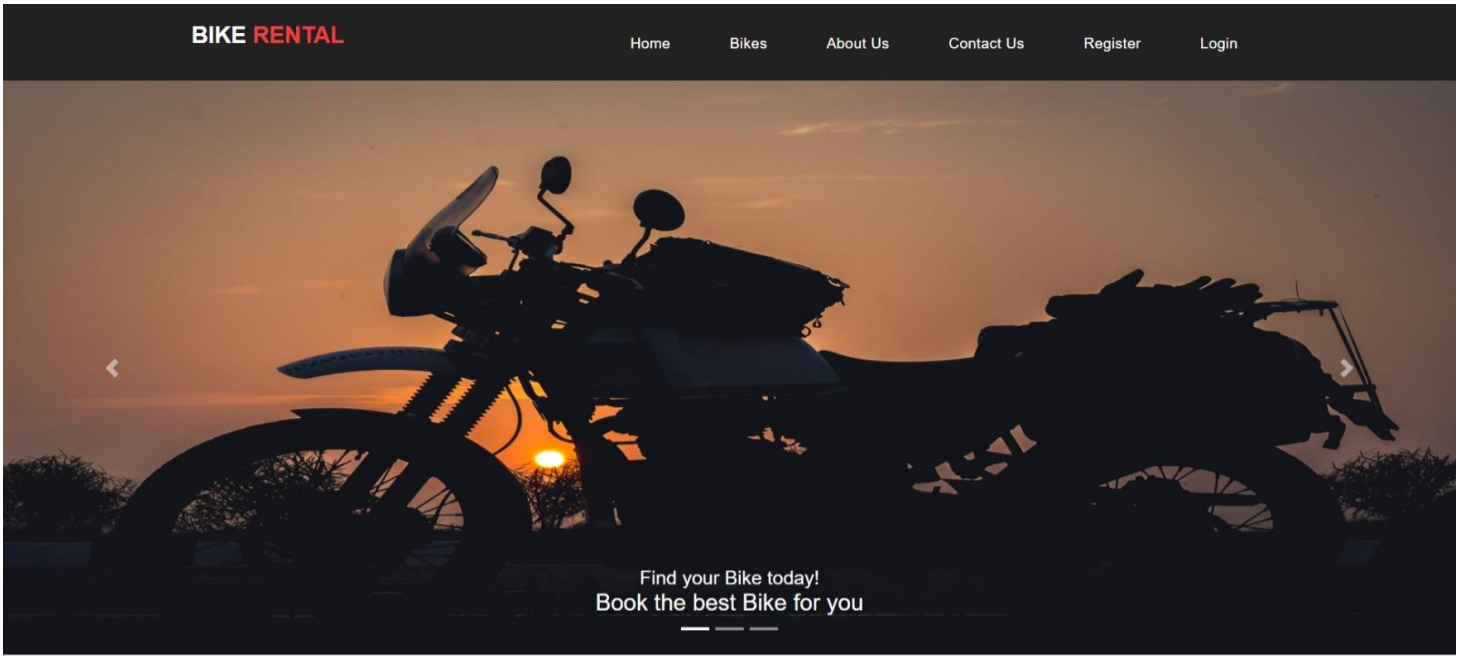
Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	auto_increment
advance	int	NO		NULL	
billamount	int	NO		NULL	
bookingdate	datetime(6)	YES		NULL	
fromdate	date	YES		NULL	
message	varchar(255)	YES		NULL	
status	varchar(255)	YES		NULL	
todate	date	YES		NULL	
bike_id	varchar(255)	YES	MUL	NULL	
customer_id	varchar(255)	YES	MUL	NULL	
variant_id	int	YES	MUL	NULL	

Payment:

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	auto_increment
amount	int	NO		NULL	
cardno	varchar(255)	YES		NULL	
iscompleted	bit(1)	NO		NULL	
nameoncard	varchar(255)	YES		NULL	
pmtdate	date	YES		NULL	
remarks	varchar(255)	YES		NULL	
booking_id	int	YES	MUL	NULL	

Feedback:

	Field	Type	Null	Key	Default	Extra
▶	id	int	NO	PRI	NULL	auto_increment
	createdon	datetime(6)	YES		NULL	
	descr	varchar(255)	YES		NULL	
	ratings	int	NO		NULL	
	customer_id	varchar(255)	YES	MUL	NULL	



Offers

VIEW MORE ›

Black Honda Unicorn Bike

from 1000 per weekend

The Honda Unicorn BS6 is a commuter motorcycle that competes in the 150-180cc segment. The motorcycle is available in a single variant. The colour options include Pearl Igneous Black, Imperial Red Metallic and Matte Axis Gray Metallic

Black Yamaha FZS-FI Bike

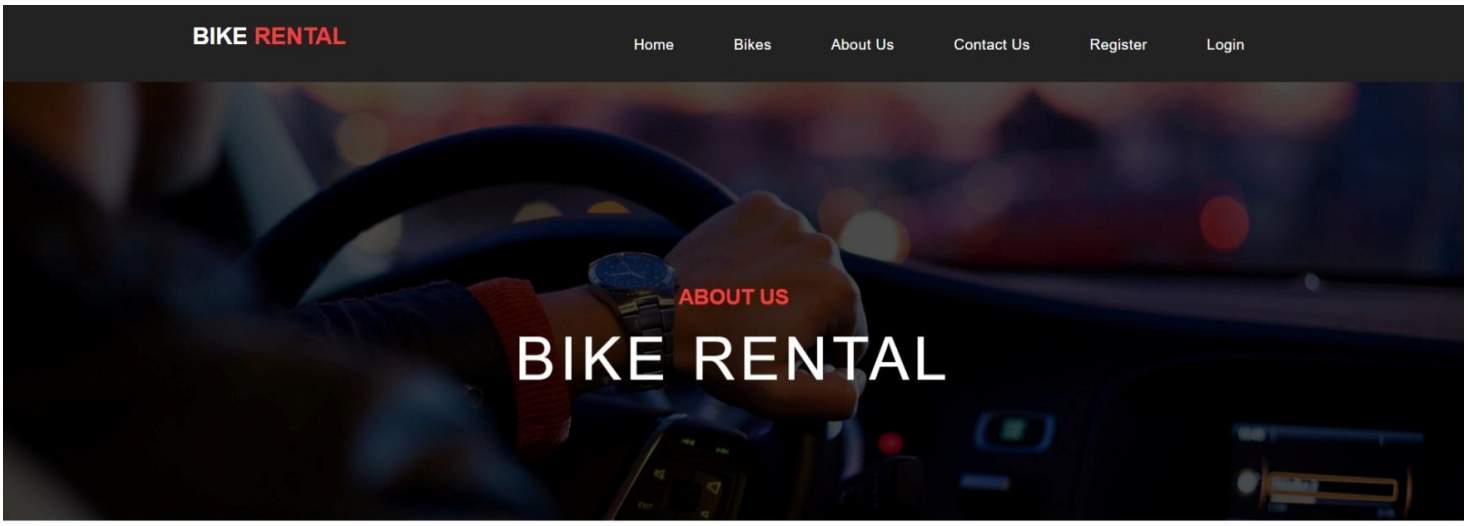
from 2000 per weekend

The all new FZS-FI (149 cc) is marking the first BS VI variant rollout from Yamaha in India and is revved up in two new colours - Darknight and Metallic Red along with all existing colours.

TVS Apache RTR 160

from 1500 per weekend

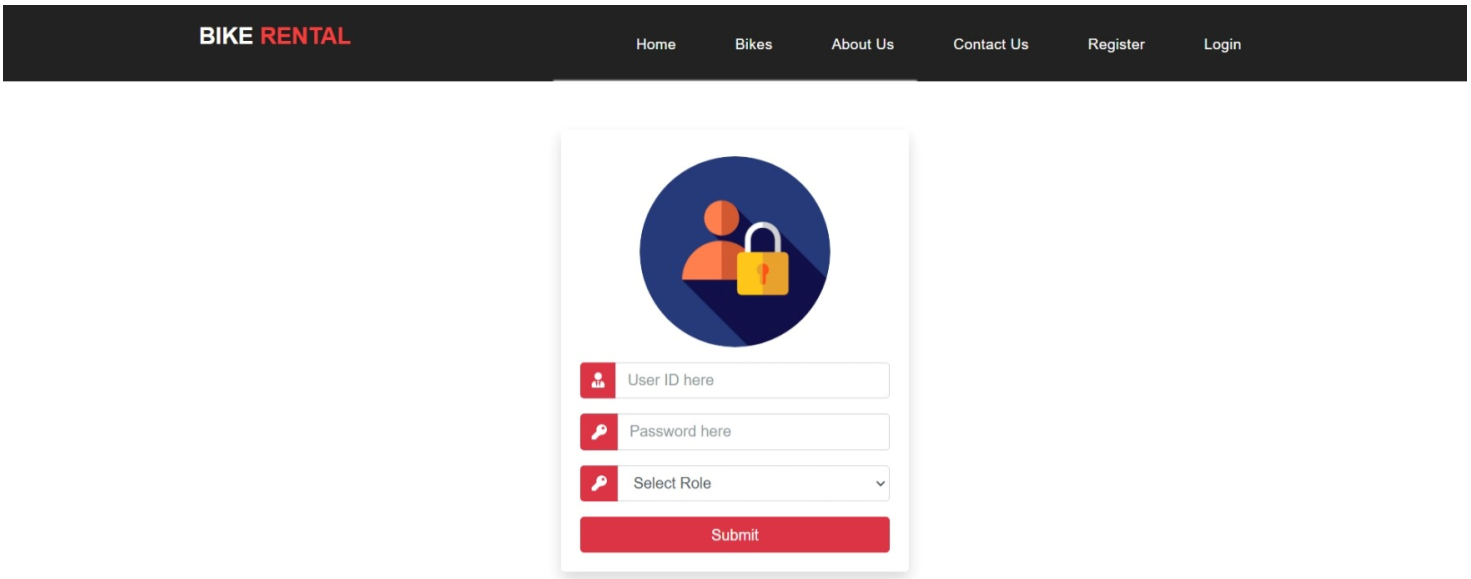
TVS Apache RTR 160 comes up with anti-locking braking system. This Apache RTR 160 bike weighs 137 kg and has a fuel tank capacity of 12 liters.

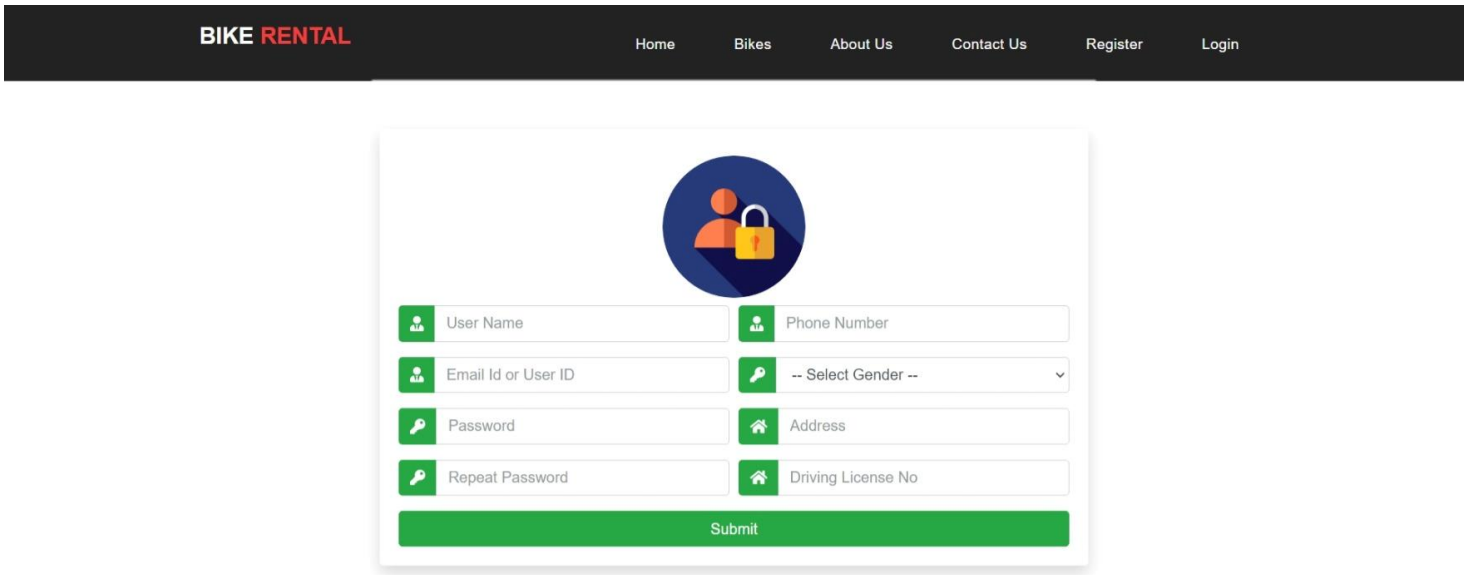


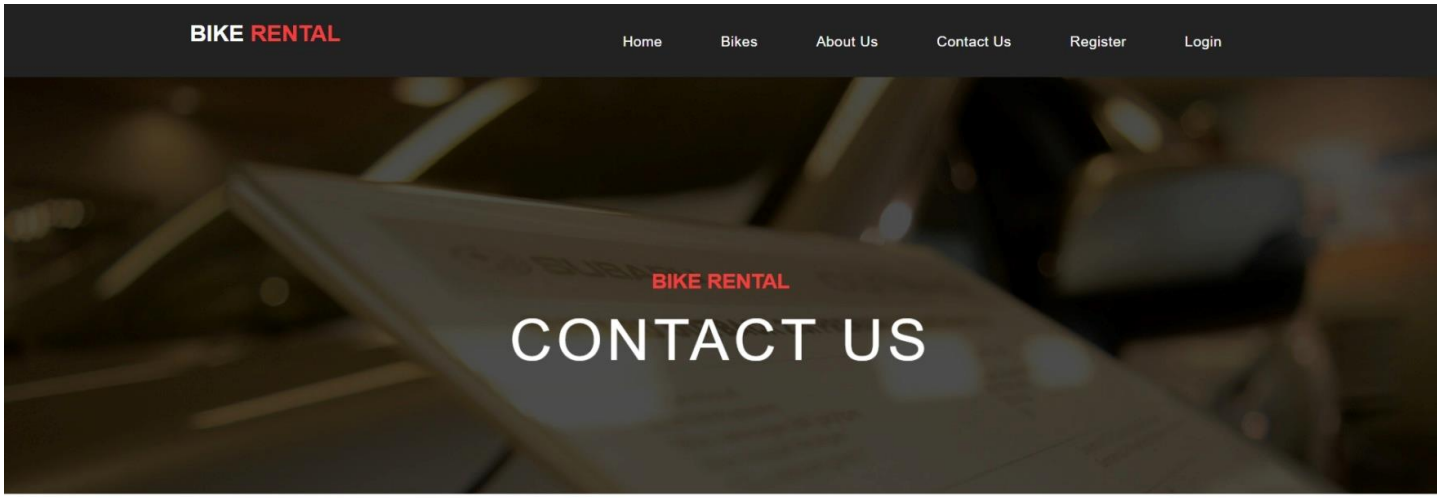
We are providing Bike on rent

Welcome to Bike Rental System

If you're looking for an easy bike rental service booked directly through a vendor and not through a broker, If you need a reliable and flexible bike rental company that offers comprehensive conditions, If you want an all-inclusive rental bike with no hidden costs, book at Bike Rental System Our prices include fully comprehensive insurance, unlimited mileage, 24-hour emergency service and road tax!


BIKE RENTAL
Home
Bikes
About Us
Contact Us
Register
Login
User ID here
Password here
Select Role
Submit


BIKE RENTAL
Home
Bikes
About Us
Contact Us
Register
Login
User Name
Phone Number
Email Id or User ID
-- Select Gender --
Password
Address
Repeat Password
Driving License No
Submit



Our Location on Maps

About our office
Bike Rental System

Address : IACSD Akurdi ,Pune
Ratnesh Patil and Krushna Bairagi
phone : 7350402226
Email : ratnesh.k.patil@gmail.com
krushnabairagi08@gmail.com
Looking for more information
feel free to contact us on above details

Send us a Message

Full Name

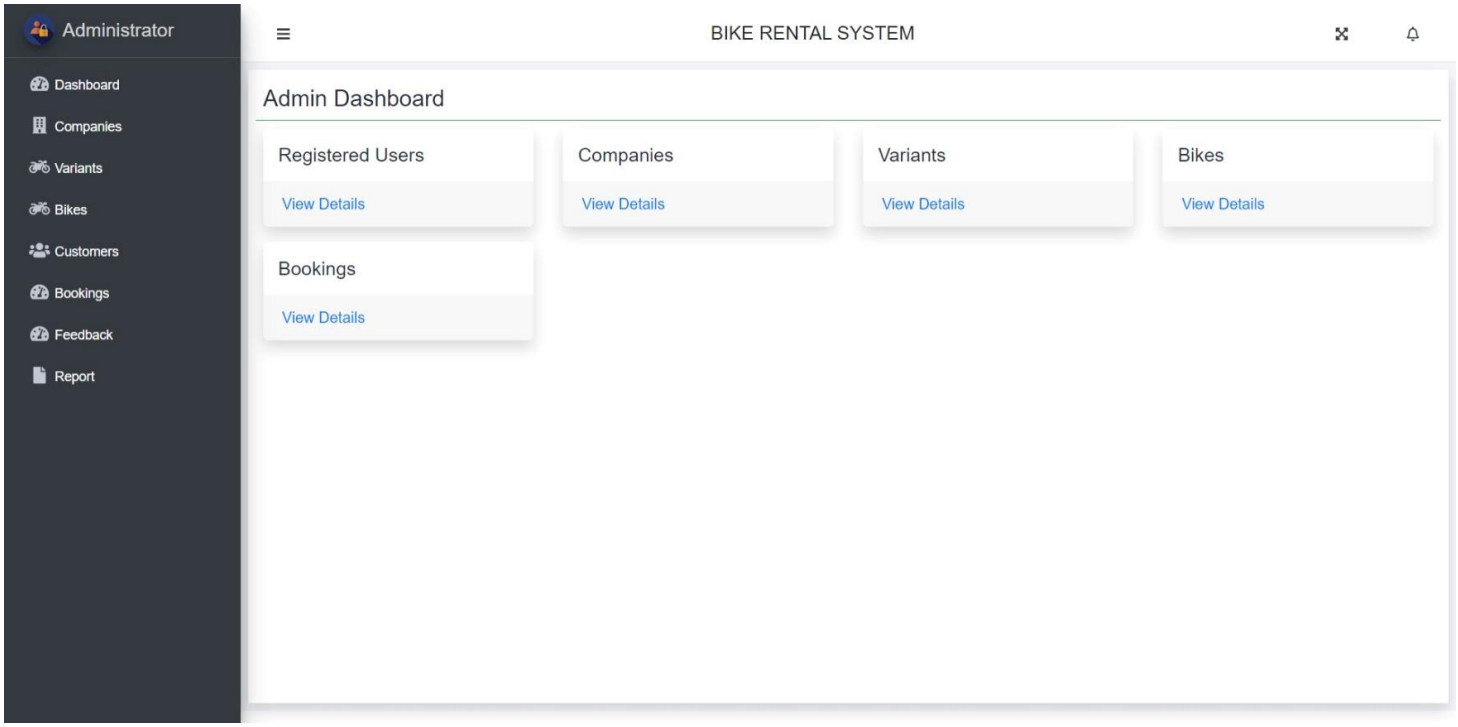
E-Mail Address

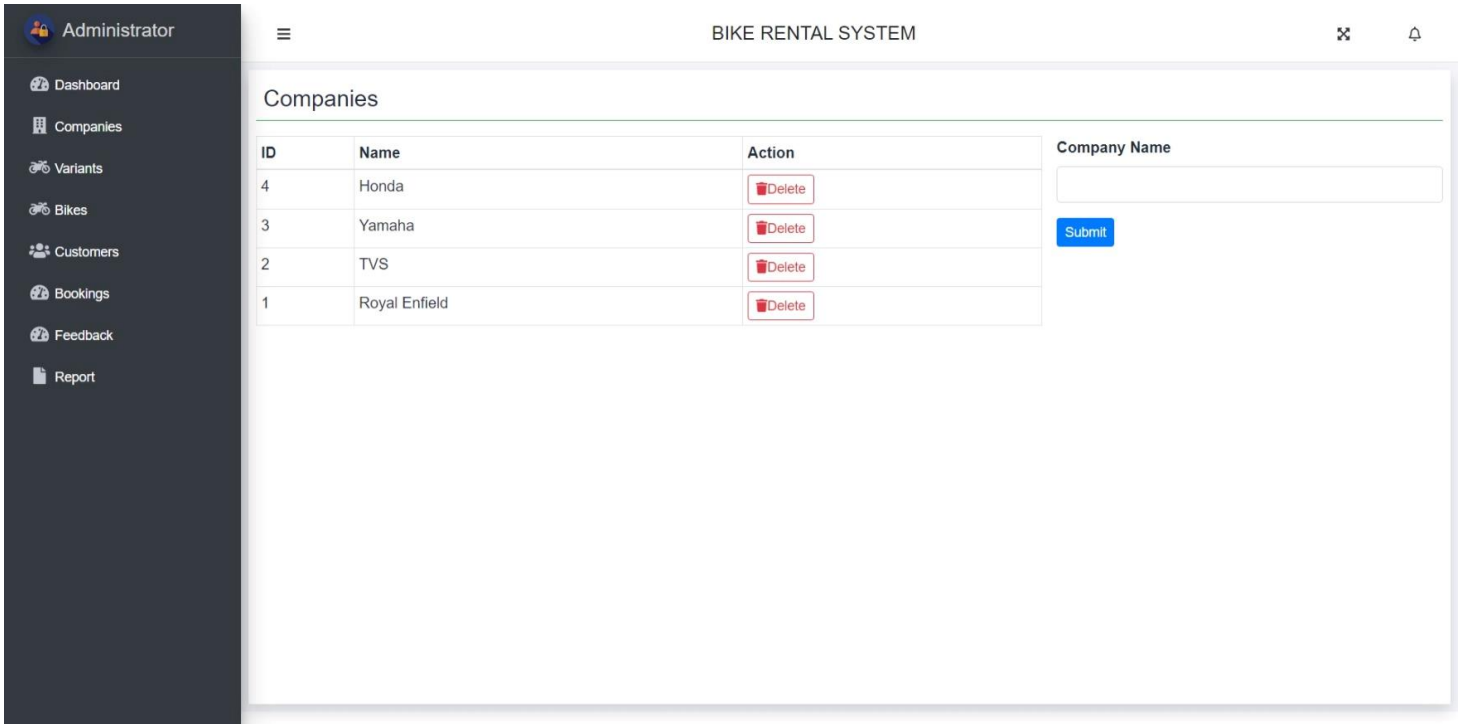
Subject

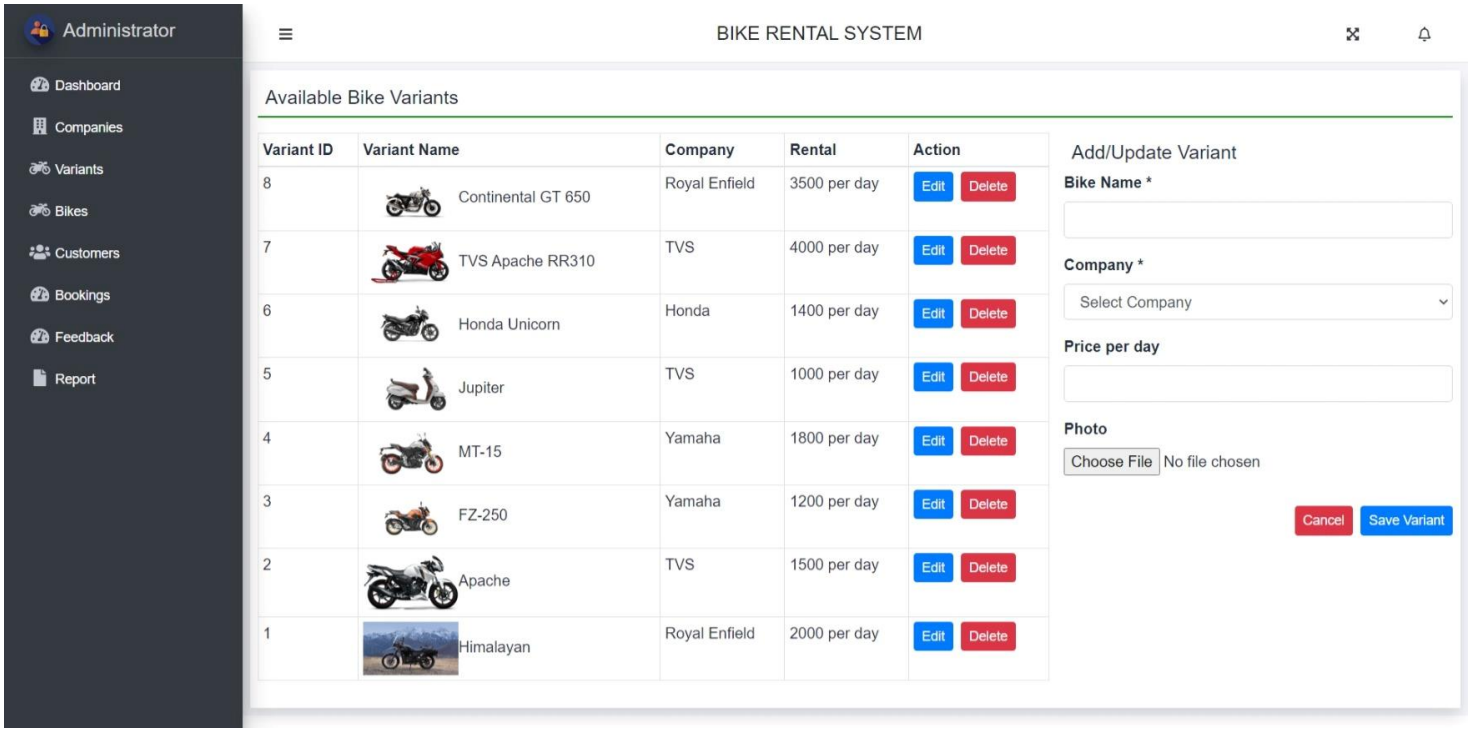
Your Message

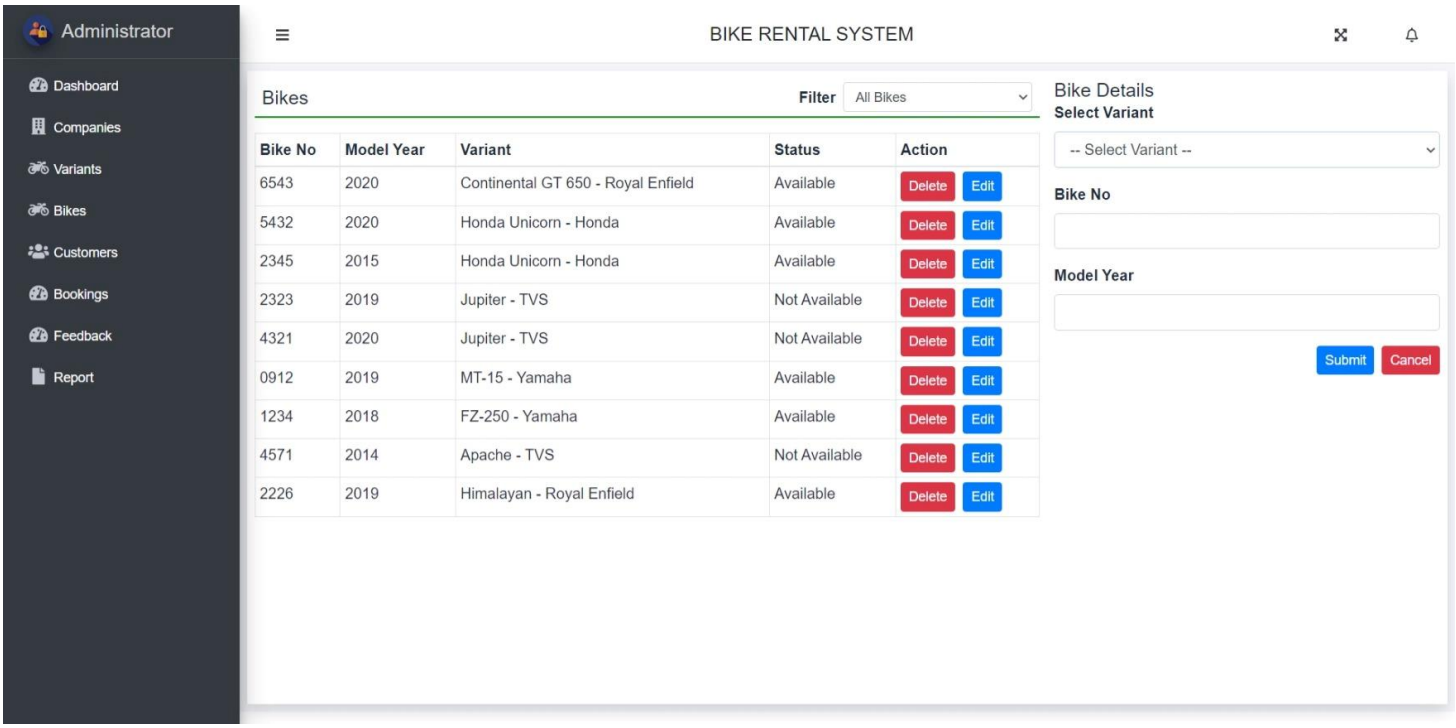
Send Message

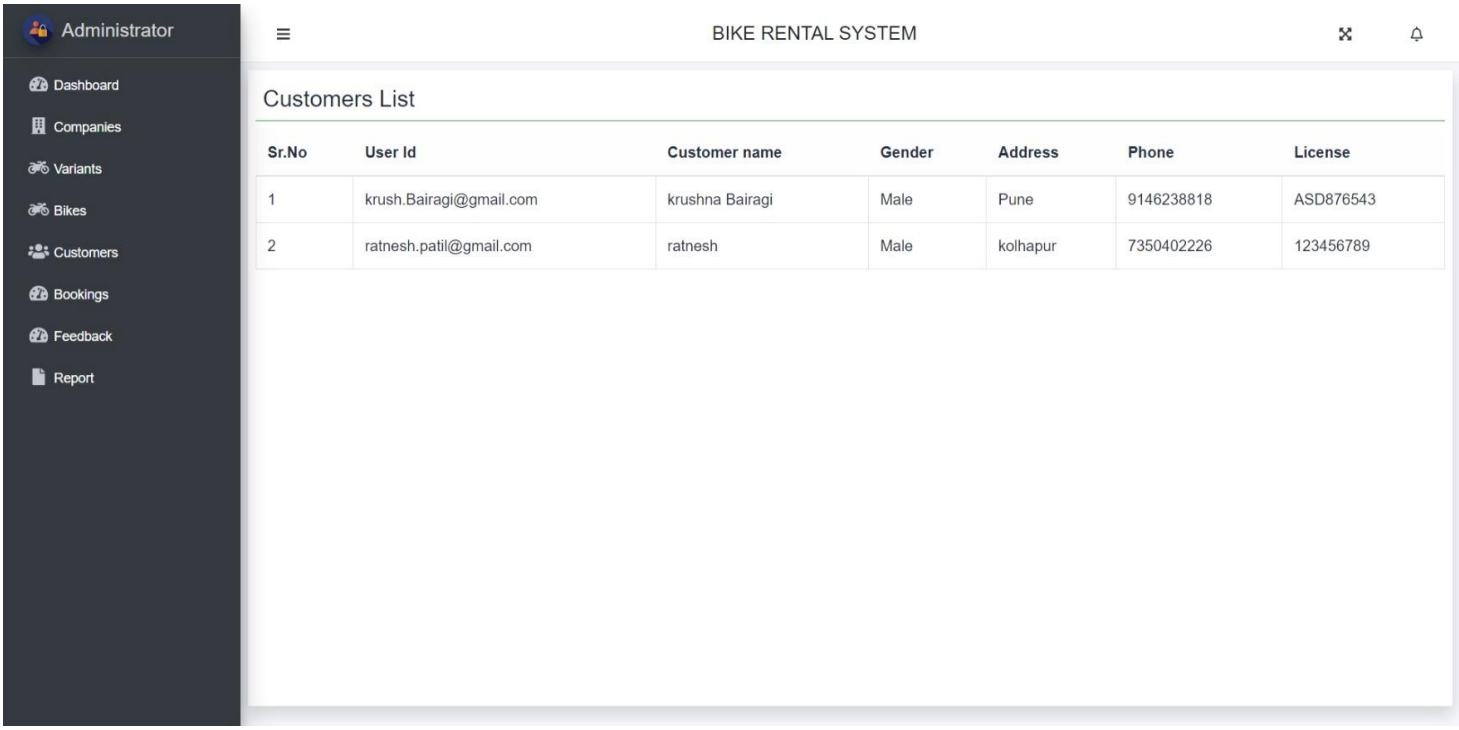
Administrator


Administrator
Dashboard
Companies
Variants
Bikes
Customers
Bookings
Feedback
Report
BIKE RENTAL SYSTEM
Admin Dashboard
Registered Users
View Details
Companies
View Details
Variants
View Details
Bikes
View Details
Bookings
View Details

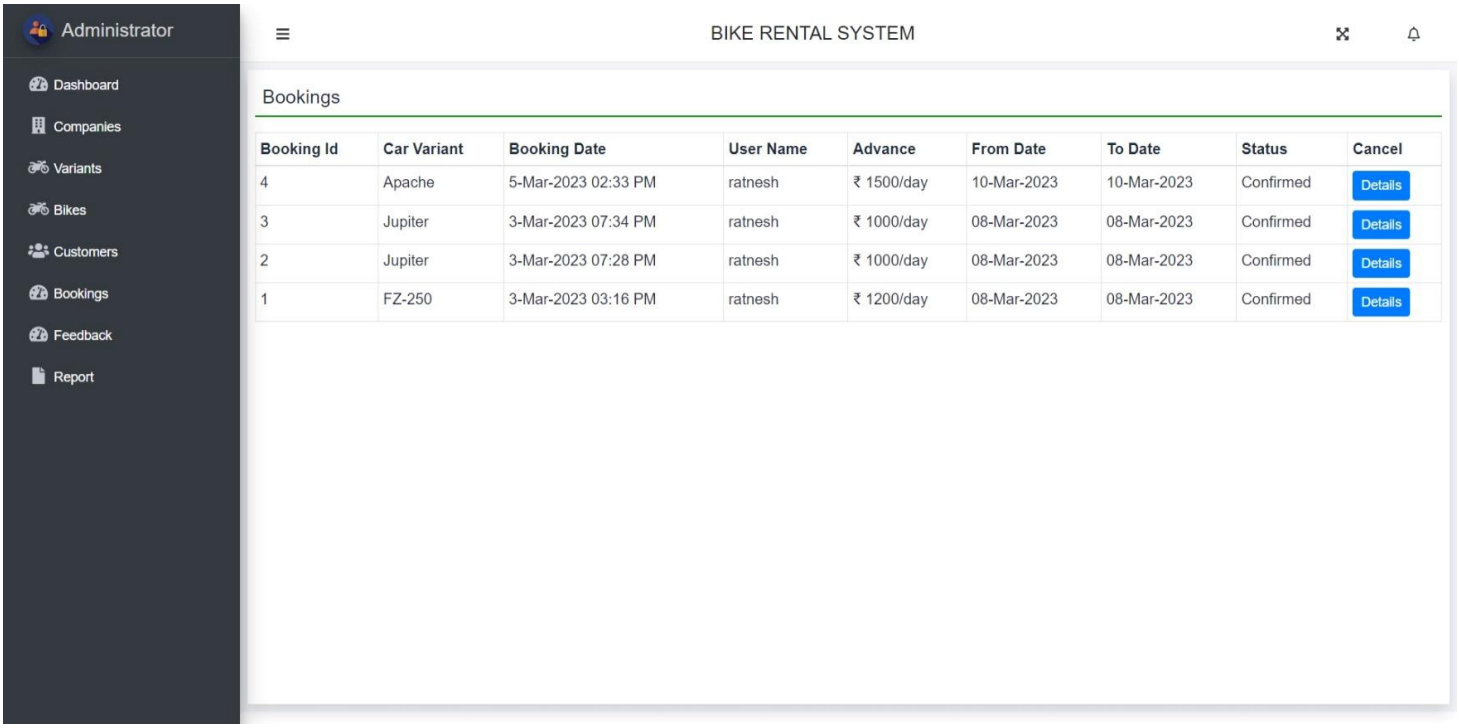

Administrator
Dashboard
Companies
Variants
Bikes
Customers
Bookings
Feedback
Report
BIKE RENTAL SYSTEM
Companies
ID
Name
Action
4
Honda
Delete
3
Yamaha
Delete
2
TVS
Delete
1
Royal Enfield
Delete
Company Name
Submit


Administrator
Dashboard
Companies
Variants
Bikes
Customers
Bookings
Feedback
Report
BIKE RENTAL SYSTEM
Available Bike Variants
Variant ID
Variant Name
Company
Rental
Action
8
Continental GT 650
Royal Enfield
3500 per day
Edit
Delete
7
TVS Apache RR310
TVS
4000 per day
Edit
Delete
6
Honda Unicorn
Honda
1400 per day
Edit
Delete
5
Jupiter
TVS
1000 per day
Edit
Delete
4
MT-15
Yamaha
1800 per day
Edit
Delete
3
FZ-250
Yamaha
1200 per day
Edit
Delete
2
Apache
TVS
1500 per day
Edit
Delete
1
Himalayan
Royal Enfield
2000 per day
Edit
Delete
Add/Update Variant
Bike Name *
Company *
Select Company
Price per day
Photo
Choose File
No file chosen
Cancel
Save Variant

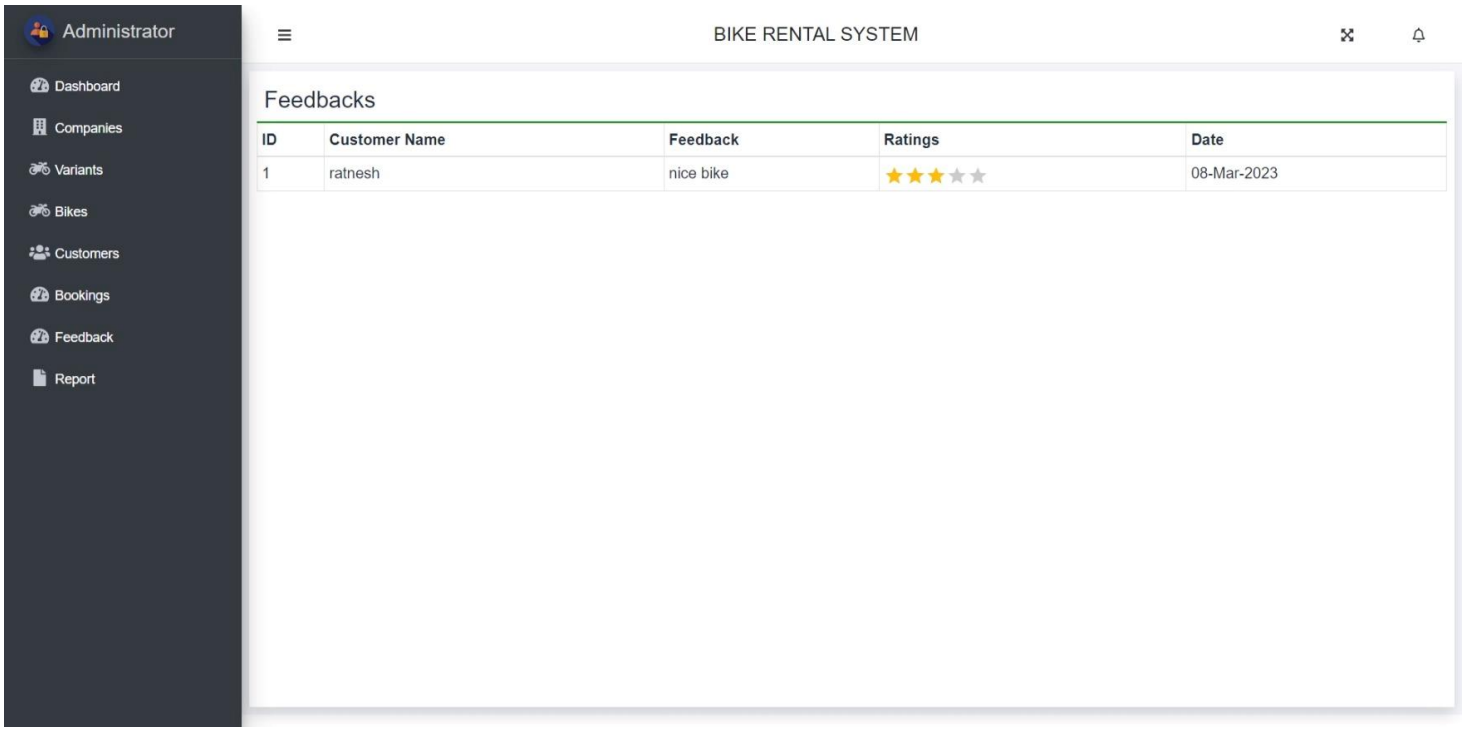

Administrator
Dashboard
Companies
Variants
Bikes
Customers
Bookings
Feedback
Report
BIKE RENTAL SYSTEM
Bikes
Filter
All Bikes
Bike No
Model Year
Variant
Status
Action
6543
2020
Continental GT 650 - Royal Enfield
Available
Delete
Edit
5432
2020
Honda Unicorn - Honda
Available
Delete
Edit
2345
2015
Honda Unicorn - Honda
Available
Delete
Edit
2323
2019
Jupiter - TVS
Not Available
Delete
Edit
4321
2020
Jupiter - TVS
Not Available
Delete
Edit
0912
2019
MT-15 - Yamaha
Available
Delete
Edit
1234
2018
FZ-250 - Yamaha
Available
Delete
Edit
4571
2014
Apache - TVS
Not Available
Delete
Edit
2226
2019
Himalayan - Royal Enfield
Available
Delete
Edit
Bike Details
Select Variant
-- Select Variant --
Bike No
Model Year
Submit
Cancel

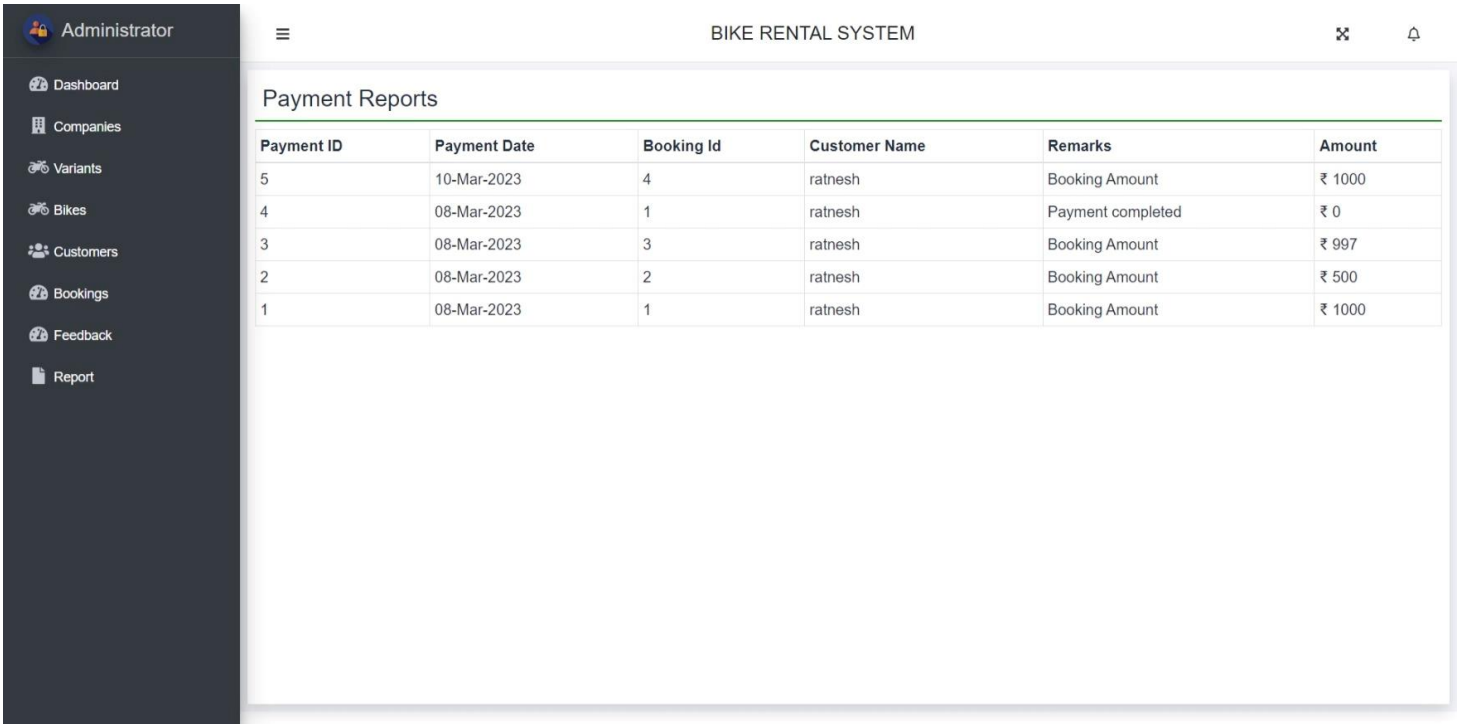


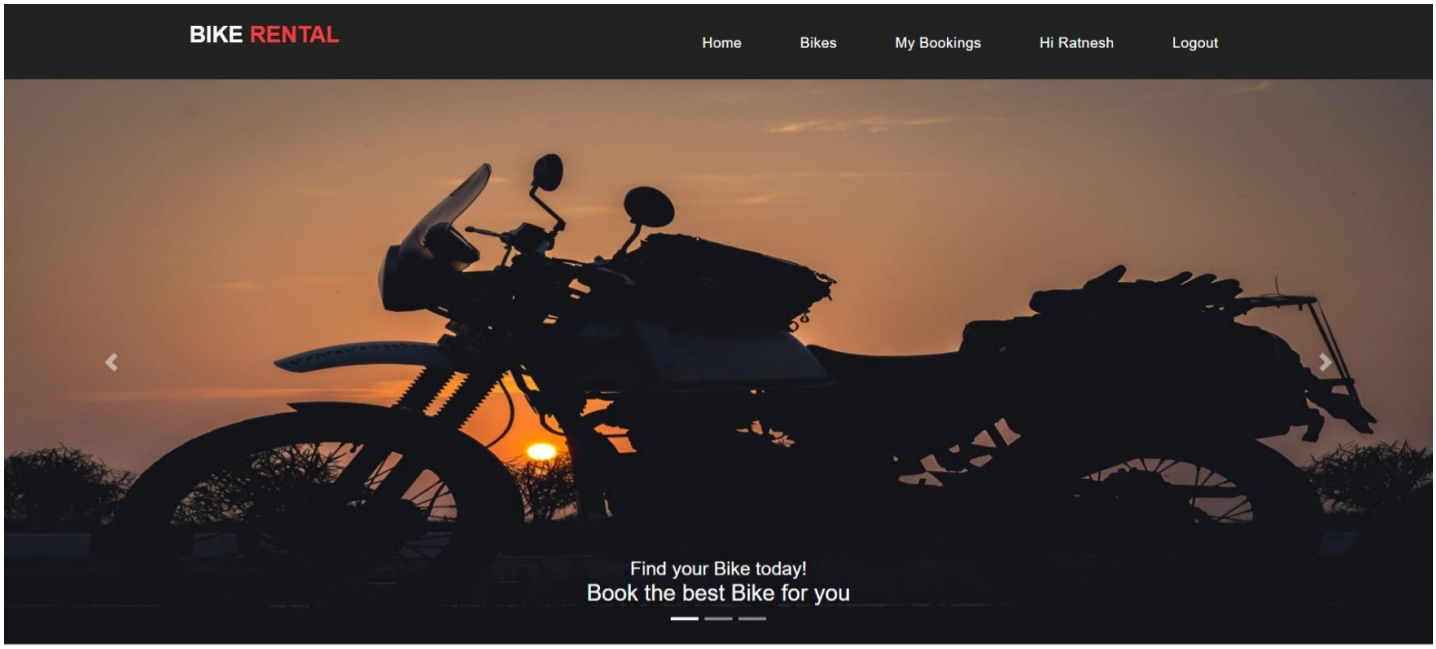
Sr.No	User Id	Customer name	Gender	Address	Phone	License
1	krush.Bairagi@gmail.com	krushna Bairagi	Male	Pune	9146238818	ASD876543
2	ratnesh.patil@gmail.com	ratnesh	Male	kolhapur	7350402226	123456789



Booking Id	Car Variant	Booking Date	User Name	Advance	From Date	To Date	Status	Cancel
4	Apache	5-Mar-2023 02:33 PM	ratnesh	₹ 1500/day	10-Mar-2023	10-Mar-2023	Confirmed	Details
3	Jupiter	3-Mar-2023 07:34 PM	ratnesh	₹ 1000/day	08-Mar-2023	08-Mar-2023	Confirmed	Details
2	Jupiter	3-Mar-2023 07:28 PM	ratnesh	₹ 1000/day	08-Mar-2023	08-Mar-2023	Confirmed	Details
1	FZ-250	3-Mar-2023 03:16 PM	ratnesh	₹ 1200/day	08-Mar-2023	08-Mar-2023	Confirmed	Details


Administrator
BIKE RENTAL SYSTEM
Dashboard
Companies
Variants
Bikes
Customers
Bookings
Feedback
Report
Feedbacks
ID
Customer Name
Feedback
Ratings
Date
1
ratnesh
nice bike
08-Mar-2023


Administrator
BIKE RENTAL SYSTEM
Dashboard
Companies
Variants
Bikes
Customers
Bookings
Feedback
Report
Payment Reports
Payment ID
Payment Date
Booking Id
Customer Name
Remarks
Amount
5
10-Mar-2023
4
ratnesh
Booking Amount
₹ 1000
4
08-Mar-2023
1
ratnesh
Payment completed
₹ 0
3
08-Mar-2023
3
ratnesh
Booking Amount
₹ 997
2
08-Mar-2023
2
ratnesh
Booking Amount
₹ 500
1
08-Mar-2023
1
ratnesh
Booking Amount
₹ 1000



Offers

VIEW MORE >

Black Honda Unicorn Bike

from 1000 per weekend

The Honda Unicorn BS6 is a commuter motorcycle that competes in the 150-180cc segment. The motorcycle is available in a single variant. The colour options include Pearl Igneous Black, Imperial Red Metallic and Matte Axis Gray Metallic

Black Yamaha FZS-FI Bike

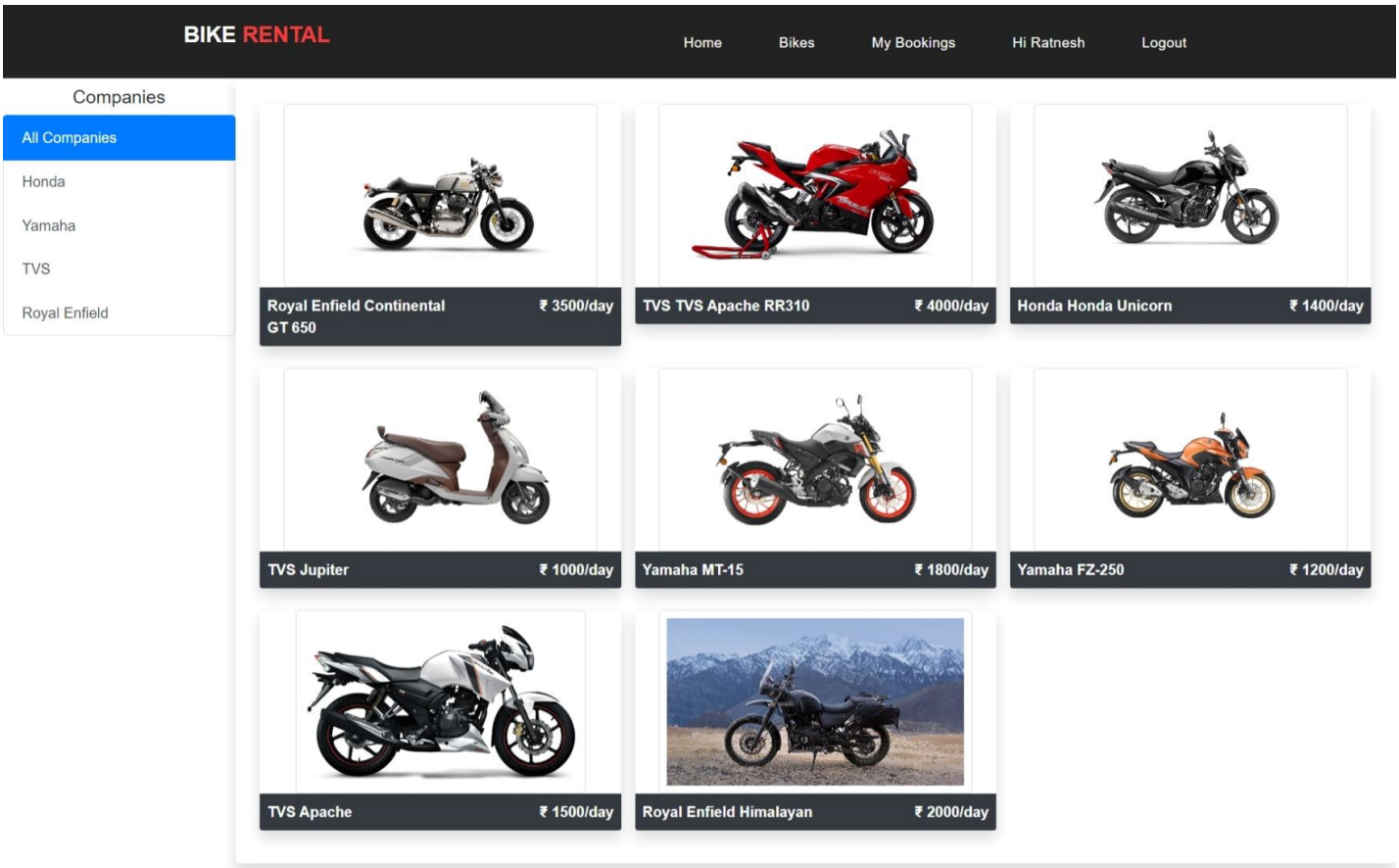
from 2000 per weekend

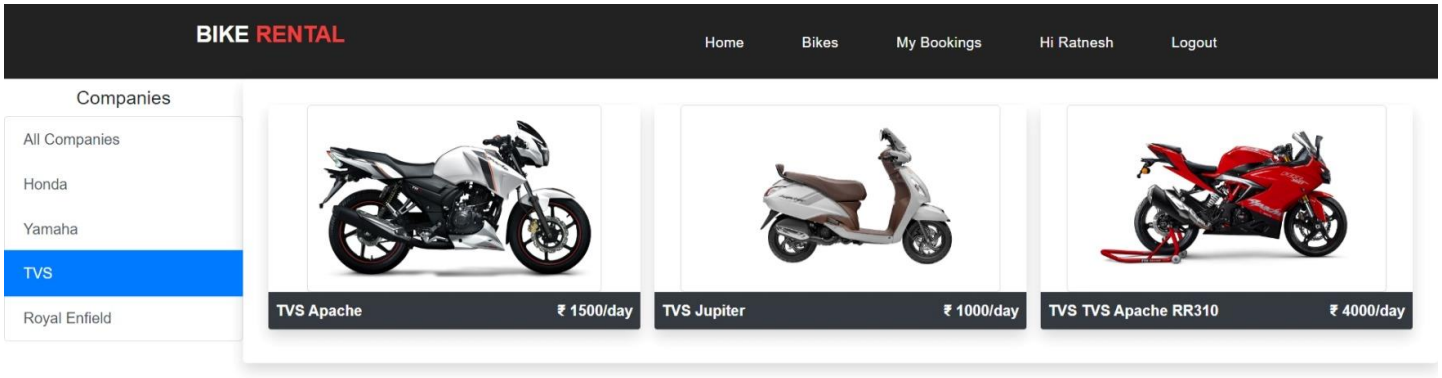
The all new FZS-FI (149 cc) is marking the first BS VI variant rollout from Yamaha in India and is revved up in two new colours - Darknight and Metallic Red along with all existing colours.

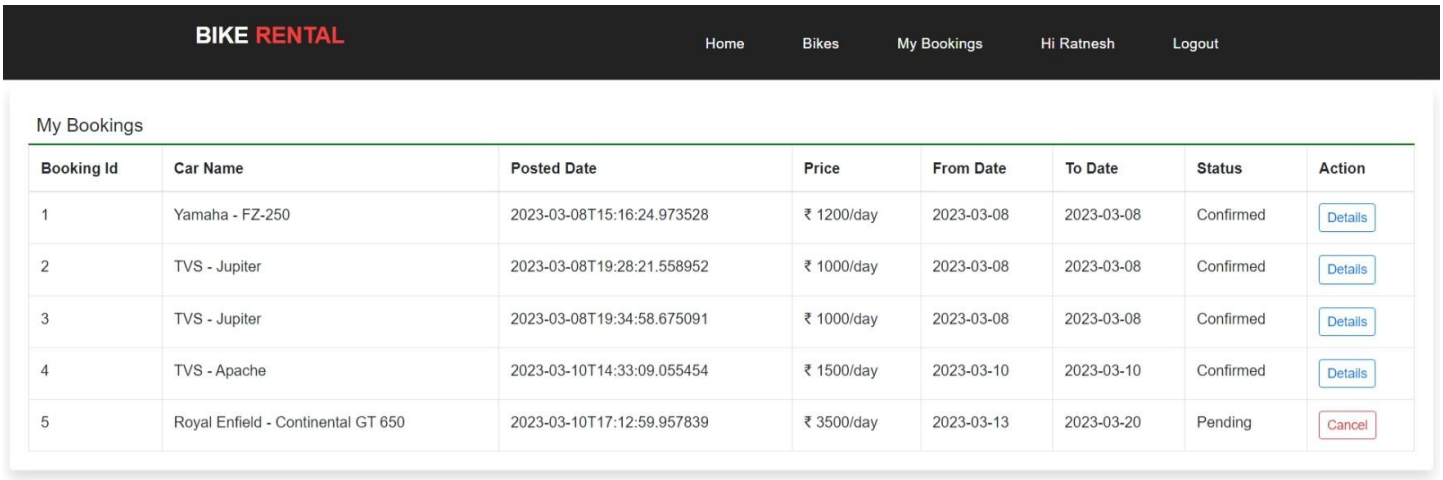
TVS Apache RTR 160

from 1500 per weekend

TVS Apache RTR 160 comes up with anti-locking braking system. This Apache RTR 160 bike weighs 137 kg and has a fuel tank capacity of 12 liters.


BIKE RENTAL
Home
Bikes
My Bookings
Hi Ratnesh
Logout
Companies
All Companies
Honda
Yamaha
TVS
Royal Enfield
Royal Enfield Continental GT 650
₹ 3500/day
TVS TVS Apache RR310
₹ 4000/day
Honda Honda Unicorn
₹ 1400/day
TVS Jupiter
₹ 1000/day
Yamaha MT-15
₹ 1800/day
Yamaha FZ-250
₹ 1200/day
TVS Apache
₹ 1500/day
Royal Enfield Himalayan
₹ 2000/day





Booking Id	Car Name	Posted Date	Price	From Date	To Date	Status	Action
1	Yamaha - FZ-250	2023-03-08T15:16:24.973528	₹ 1200/day	2023-03-08	2023-03-08	Confirmed	Details
2	TVS - Jupiter	2023-03-08T19:28:21.558952	₹ 1000/day	2023-03-08	2023-03-08	Confirmed	Details
3	TVS - Jupiter	2023-03-08T19:34:58.675091	₹ 1000/day	2023-03-08	2023-03-08	Confirmed	Details
4	TVS - Apache	2023-03-10T14:33:09.055454	₹ 1500/day	2023-03-10	2023-03-10	Confirmed	Details
5	Royal Enfield - Continental GT 650	2023-03-10T17:12:59.957839	₹ 3500/day	2023-03-13	2023-03-20	Pending	Cancel

BIKE RENTAL

Home Bikes My Bookings Hi Ratnesh Logout

Booking Details

Booking ID	1
Bike No	1234
From Date	2023-03-08
To Date	2023-03-08
Bike Variant	FZ-250
Price per Day	₹ 1200 / day
Bill Amount	₹ 1200
Advance Paid	₹ 1000

Payment History

Date : 2023-03-08
Amount : ₹ 1000
Booking Amount

Date : 2023-03-08
Amount : ₹ 0
Payment completed

BIKE RENTAL

Home Bikes My Bookings Hi Ratnesh Logout

Booking Details

Booking ID	4
Bike No	4571
From Date	2023-03-10
To Date	2023-03-10
Bike Variant	Apache
Price per Day	₹ 1500 / day
Bill Amount	₹ 1500
Advance Paid	₹ 1000

Final Payment and Feedback

Balance Amount *

500

Card No *

Name on card *

Feedback *

Feedback

Rating

Submit

CONCLUSION

BIKE Rental System is a web application and it is restricted to only limited type of users. In this application, Admin have been given access rights and are restricted up to certain functionalities, so that the data is maintained securely and redundant data is prevented. As the Data is stored electronically, it is necessary to have a computer and Network connection to access the Application. It is a software which helps the user to rent BIKE base on their need. This software reduces the amount of manual data entry and gives greater efficiency. The User Interface of it is very friendly and can be easily used by anyone. It also decreases the amount of time taken to write details and other modules. At the end, this software can perform all the tasks accurately and can do the work for which it is made.

FUTURE ENHANCEMENT

Once the final Online car rental, is built, users or clients can book the bike already exists in the web application. In future, users or clients can add bikes to the rent section and also we like to add slide bar of trending bikes in web Page. Also, we like to add a Chat Bot which helps user or clients to enquire their doubts related to the application
Further enhancement, the use of search engine can be customisable using the filter option according to the user or a reader.

REFERENCES

[1] JavaScript Enlightenment, Cody Lindley-First Edition, based on JavaScript 1.5, ECMA-262, Edition

[2] Mc Graw Hill's, Java: The complete reference 7thEdition, Herbert Scheldt

[3] Complete CSS Guide, Maxine Sherrin and John Allsopp-O'ReillyMedia; September 2012

ONLINE REFERENCE

[1] www.Google.com
[2] www.w3school.com
[3] www.javatpoint.com