# SYNOPSIS

# ABSTRACT

# This project was designed to investigate and relate different functional, operational and technical requirement of a dedicated web application for online hike rental system. This System will facilitate the functioning of web-based Rental Bike store. Each type of Bike should have a different rental fee per day. Rental fee depends on number of day, brand and how fast the bike runs

# The system equipped to answer Customer's inquiries about the availability and rental fee of various types of bikes for certain dates in the future. When the customer makes a decision about the type of bike and the Dates, the system should be able to reserve or earmark the requested type of bike for requested dates. The customer should be given a confirmation number.

# The system process a bike Pick Up. Customer walks in and supplies either the confirmation number, or name. The system should pull up all the reservation information about this customer. The customer is then asked to supply a drivers license. The system process a return, The system should record the date, time and processed by Depending on these parameters, the system calculate the final rental amount.

# Bike Rental System gives bike rental service for both foreign and local customers. This organization carries out its daily work by providing their service to the customers using manually system. The organization uses a manual system for reserving, renting, register and to keep record of all the rental activities and customer information. It provides Bike reservation facility online. Customer can visit the website and check for various Bikes. If customers are feasible with requirement, then booking can be done.

# Specific Objectives are

# • To produce a web-based system that allow customer to register and reserve bike online and for the company to effectively manage their bike rental business.

# • To ease customer’s task whenever they need to rent a bike.

# • Availability of vehicle round the clock

# • Wide range of vehicles

# • Maintaining record of each booking history

# • Online Payment option

# • Login and Account generation

# ER DIAGRAM

TERMINAL

USER

# S

PAYING



ADMIN

TRANSACTION

PAID ON

PAYMENT

BIKE

# S

ACKNOWLEDGMENT

ENQUIRY

ENQUIRY

ACKNOWLEDGMENT

SYSTEM

CUSTOMER

SYSTEM

DFD ZERO LEVEL

# S

PAYMENT

ACKNOWLEDGMENT

ENQUIRY

ENQUIRY

ACKNOWLEDGMENT

SYSTEM

CUSTOMER

SYSTEM

DFD FIRST LEVEL