

City Bike Rental System

By Group 16

Background

Biking outside has been proven to boost mental wellbeing. According to a poll, 75% of participants answered improved mental well-being and 45% of the participants answered quality sleep after taking up biking, which can help individuals experience less anxiety and depression. Bicycles are efficient compared to other modes of transportation when considering one's health and traffic. Picking up a bike is simple and returning it at any station is convenient.

Project Overview

This project, Bike Rental Management System, is used to manage a collection of data that an individual can access, obtain the needed information from, and store different information regarding bike rental services within the city.

Objectives

A centralized system that will keep all the important data about users and bikes. It will provide user-specific information such as subscriptions and trips. Moreover, it will also hold bike-specific information such as availability and condition.

Accurate data will help to determine the specific users and bike history to better plan the rental system in an area.