

Bike Rental System

Description

This project simulates a simple Bike Rental System which performs various functionality. There are two participants of this system - customers and the bike rental system. Each of them has their functionality that can be performed. Customers can request only one type of rental i.e hourly, daily or weekly. They are free to choose the number of bikes they want and requested bikes should be less than available stock.

Customers

- See currently available bikes in the rental system.
- Rent bikes on hourly basis and it costs \$5 per hour.
- Rent bikes on a daily basis and it costs \$20 per day.
- Rent bikes on a weekly basis and it costs \$60 per week.
- Family Rental, a promotion that can include from 3 to 6 bikes (of any type) with a discount of 30% of the total price.

Bike rental system

- Issue a bill when the customer decides to return the bike.
- Display available bikes in the system.
- Take requests on hourly, daily and weekly basis by verifying available bikes.