**SYSTEM REQUIREMENT SPECIFICATION**

**FOR BIKE RENTAL SYSTEM**

* **GENERAL DESCRIPTION :**
* **Description:**

This project is designed so as to be used by Bike Rental Company specializing in renting bikes to customers. It is an online system through which customers can view available bikes, register, view profile and book bike.

* **Objective :**

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.

* **Problem Statement:**

A Bike rental is rented vehicle that can be used temporarily for a fee during specified period. Getting a rental bike helps people get around despite the fact they do not have access to their own personal vehicle or don't own a vehicle at all. The individual who needs a bike must contact a rental bike company and contract out for a vehicle. This system increases customer retention and simplify vehicle and staff management.

* **FUNCTIONAL REQUIREMENT**
* **Usability:** The interface should use terms and concepts, which are drawn from the experience of the people who will make most of the system.
* **Efficiency:** The system must provide easy and fast access without consuming more cost.
* **Reliability**: User should never be surprised by the behaviour of the system and it's easy to use to stored data .
* **NON – FUNCTIONAL REQUIREMENTS**

It describes aspects of the system that are concerned with how the system provides the functional requirements. They are:

* **Security:** The subsystem should provide a high level of security and integrity of the data held by the system, only authorized persons of the company can gain access to the company’s.
* **Performance and Response time**: The system should have high performance rate when executing user’s input and should be able to provide feedback or response within a short time span.
* **Error Handling**: Error should be considerably minimized and an appropriate error message that guides the user to recover from an error should be provided .Validation of user’s input is highly essential.