

# Bike Store Management System

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**Abstract:** *Bike Store Management System is software which is helpful for the businesses operate hardware stores, where storeowner keeps the records of sales and purchase. Mismanaged inventory means disappointed customers, too much cash tied up in warehouses and slower sales. This project eliminates the paper work, human faults, manual delay and speed up process. Bike Store Management System will have the ability to track sales and available bikes, tells a storeowner when it's time to reorder and how much to purchase. Bike Store Management System is a windows application developed for Windows operating systems which focused in the area of Store control and generates the various required reports.*

**Keywords:** Buying, Selling, Booking, Rental

## I. INTRODUCTION

Bike Store Management System is a computer-based system for tracking inventory levels of bikes, orders and deliveries. That has listings of various bike along with their features. This system also consists of 'Rent a Bike' feature where user can ask admin for bike on rent. Using this software one can handle bike store and manage them. This software tool also provides facilities for keeping tracks of billing for selling bikes. These tools illustrate all transaction of bike store. Admin can manage bills using this software tool. It is a tool for organizing inventory data that before was generally stored in hard-copy form or in spreadsheets.

## II. PROPOSED SYSTEM

The proposed system overcomes the disadvantages of the existing system and records the entire activities happening in the show room. The reports generated will enhance the efficiency of the application. The Customer and Employee registration alerts and completion are recorded which will be easy to maintain the service details. Admin can add a new Customer, Employee and Bikes and also admin can update delete bikes, Customers, Employee details it make more easy to work.

### 2.1 Advantages of the Proposed System

- Entire activities of the show room are recorded through the system.
- Customer Data is maintained.
- Admin can view bikes, customers and Employee details so it will be more useful for management to take the quick business decisions.
- Customer Details is maintained which will be helpful for intimating the service completion details and new offers
- Customer are maintained which will be an added advantage of this

## III. SYSTEM ARCHITECTURE



#### IV. MODULES

##### 4.1 Admin

In this Bike Store Management system Admin is a main role of the project. Admin has a major Authority in this project. Admin has done many process in this project. They are

- Admin first register him/her self and then login their account.
- Admin only have a power to add a new Bikes ,View a bike details, Update added bike details and also Delete a added bikes. This makes more efficient to manage the Bikes in a store.
- Admin has the authority to add new employees of the store.
- And also admin can view employees' details and update their details.

##### 4.2 User

- In a user module user can view the added bikes details.
- And user purchase the bikes in a store .That purchased details are viewed by the Admin.

##### 4.3 Visitors

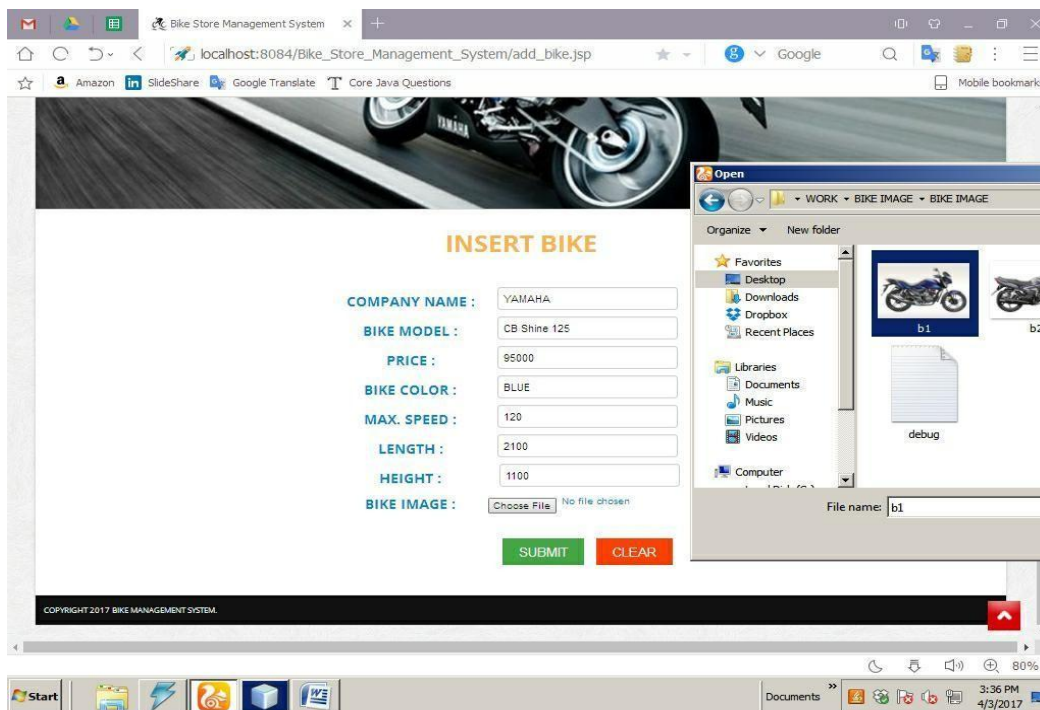
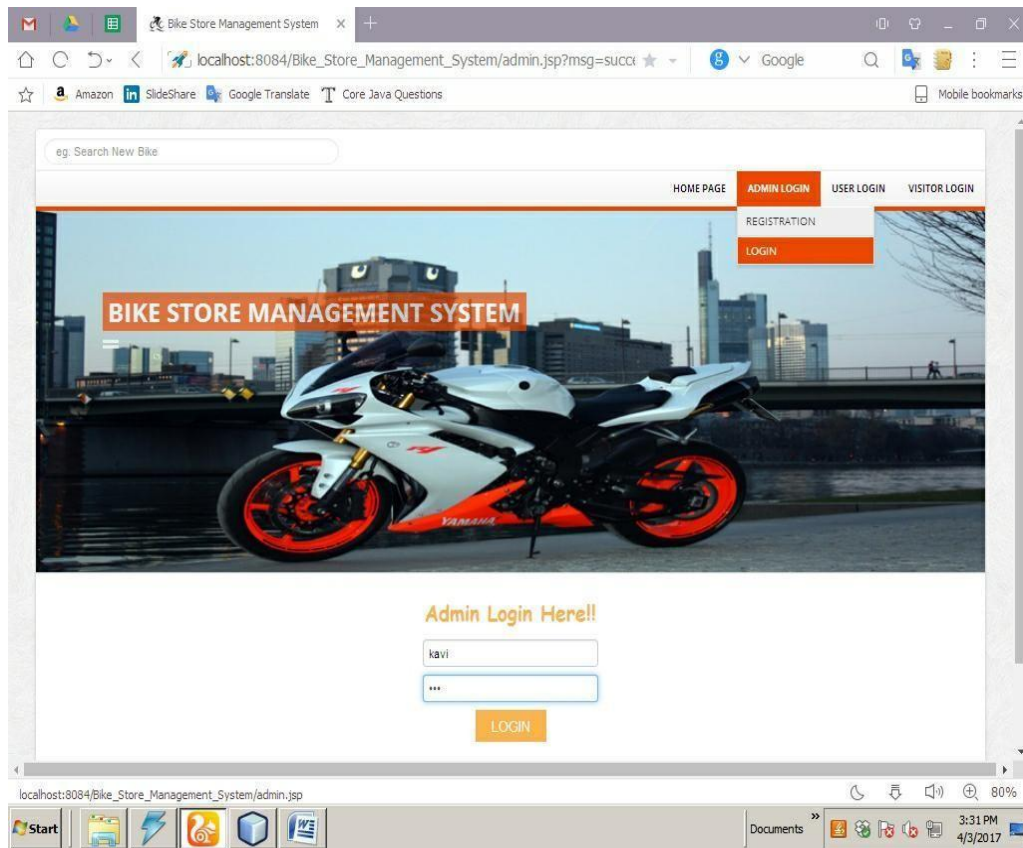
- Visitors can view a added bike details.
- A visitor takes a bike in rent .This details are viewed by the Admin.

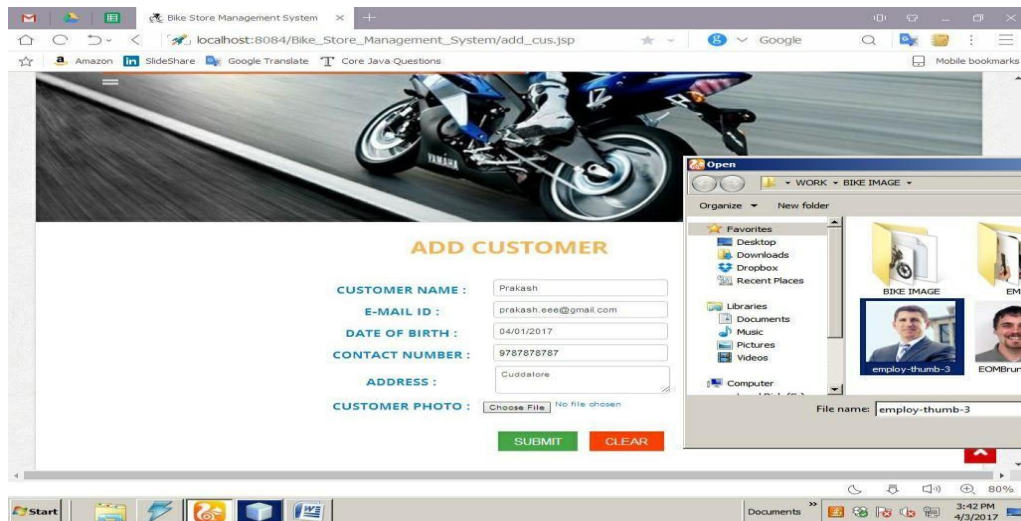
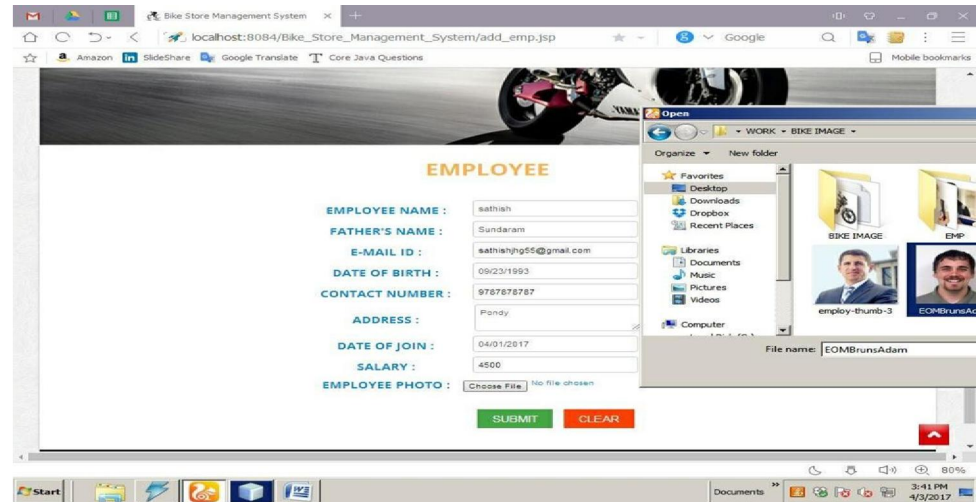
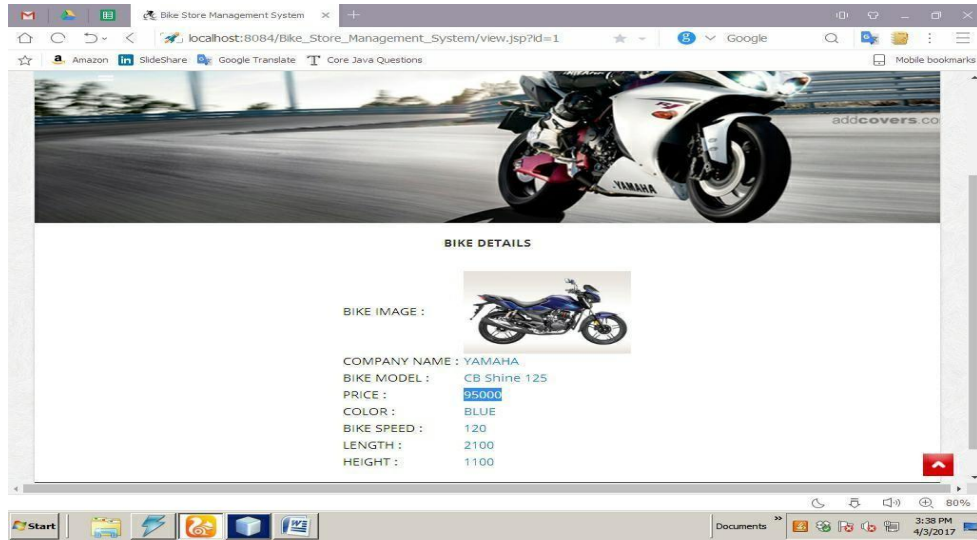
#### V. LITERATURE SURVEY KNOWLEDGE AND DATA ENGINEERING:

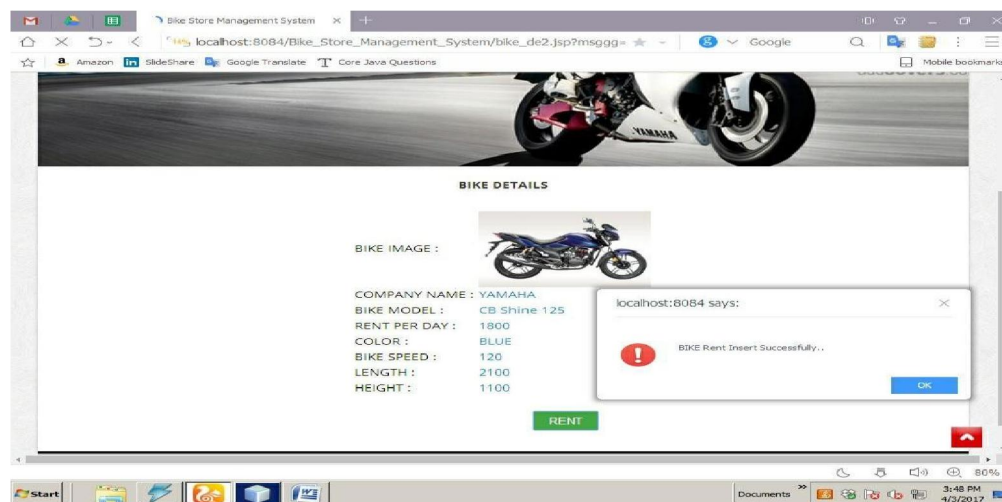
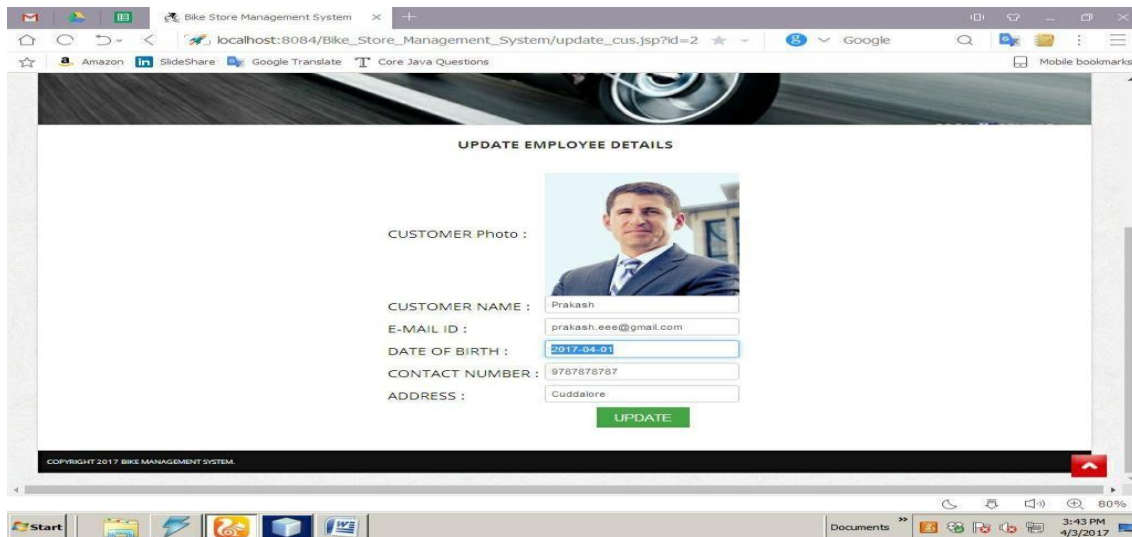
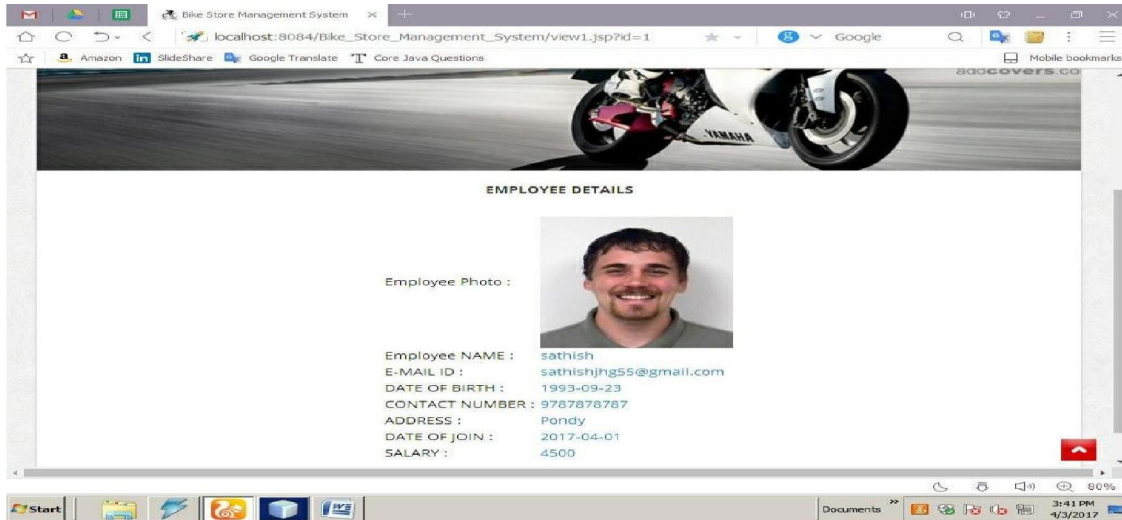
An individual is typically referred by numerous name aliases on the web. Accurate identification of aliases of a given person name is useful in various web related tasks such as information retrieval, sentiment analysis, personal name disambiguation, and relation extraction. We propose a method to extract aliases of a given personal name from the web. Given a personal name, the proposed method first extracts a set of candidate aliases. Second, we rank the extracted candidates according to the likelihood of a candidate being a correct alias of the given name. We propose a novel, automatically extracted lexical pattern-based approach to efficiently extract a large set of candidate aliases from snippets retrieved from a web search engine...IEEE Transactions on Knowledge and Data Engineering (TKDE) is an archival journal published monthly. The information published in this journal is designed to inform researchers, developers, managers, strategic planners, users, and others interested in state-of-the-art and state-of-the-practice activities in the knowledge and data engineering area. We are interested in well-defined theoretical results and empirical studies that have potential impact on the acquisition, management, storage, and graceful degeneration of knowledge and data, as well as in provision of knowledge and data services. We welcome treatments of the role of knowledge and data in the development and use of information systems and in the simplification of software and hardware development and maintenance

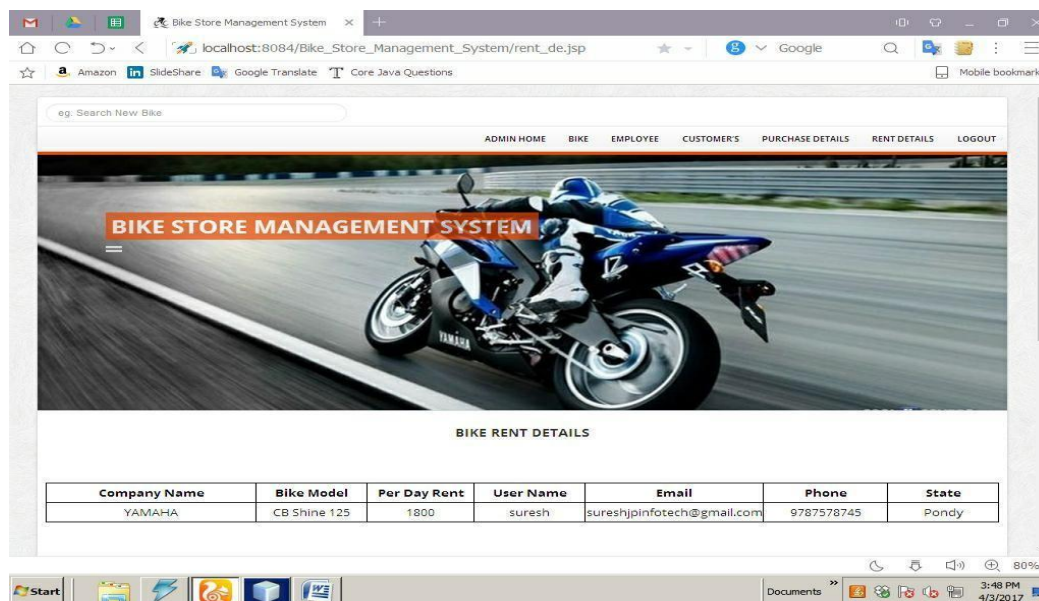
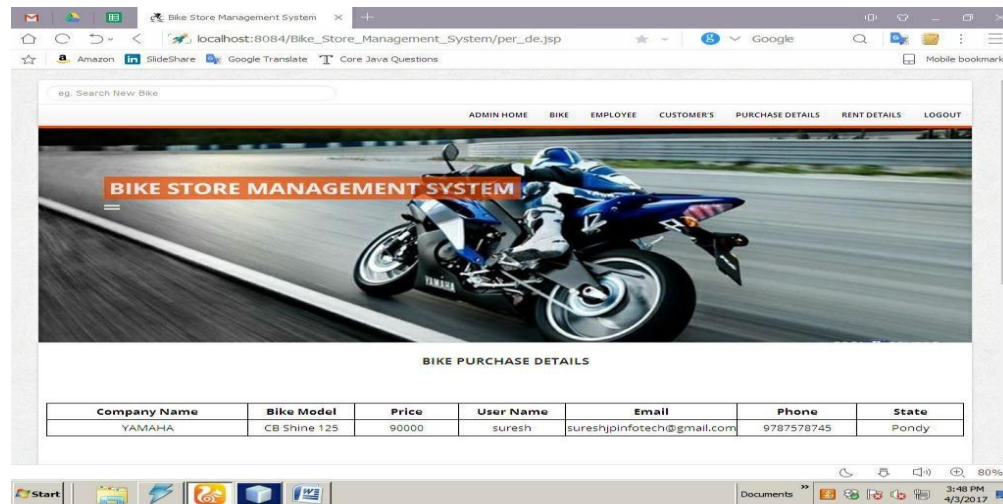
#### VI. SCREENSHOTS











## VII. CONCLUSION

This project is hence completed and proves that it has eliminated the existing system issues and built with the enhanced features meeting the current requirement and scenario. Our work brings forth several additional challenges. In the context of Web databases, an important challenge is the design and maintenance of an appropriate workload that satisfies properties of similarity-based ranking. Determining techniques for inferring ranking functions over Web databases is an interesting Challenge as well. Another interesting problem would be to combine the notion of user similarity proposed in our work with existing user profiles to analyze if ranking quality can be improved further.

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