A Project Report on

Product Comparison System

Submitted in partial fulfillment of the requirements for the award
of the degree of

Bachelor of Engineering

in

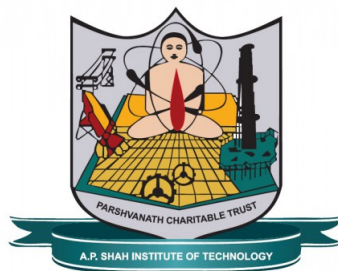## Computer Science

by

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UNIVERSITY OF MUMBAI

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CERTIFICATE

This is to certify that the project entitled *"Product Comparison System"* submitted by *"Mukesh Singh" (15102041),"Radheshyam Yadav" (15102048),"Raj Surve" (16202015)* for the partial fulfillment of the requirement for award of a degree **Bachelor of Engineering** in **Computer Science.**,to the University of Mumbai,is a bonafide work carried out during academic year 2019-2020.

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Date:

Declaration

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, We have adequately cited and referenced the original sources. We also declare that We have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

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(Signature)

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(Mukesh Singh and 15102041)
(Radheshyam Yadav and 15102048)
(Raj Surve and 16202015)

Date:

Abstract

In this large growing e-commerce industry there are so many products with different brand's price range are available in e-commerce store such as (Amazon, Flipkart, Snapdeal, Paytm Mall, etc.) where product price range varies with same product, there are different prices on different e-commerce websites there may be some seasonal offers on the product or on that store due to which price may vary. In this busy digital environment searching about same product in different e-commerce websites may be time consuming for consumers to ease that effectively and efficiently we are creating a Product Comparison System named as Buy Smart which will compare product price from different e-commerce websites with their offers and current availability

Introduction

Buy Smart is a production comparison system to compare prices of products on different websites according to their stock and availability on current location by taking pin-code, it will display the exact amount by taking data from different websites in which products are available. The system is based on massive data manipulation and content based analysis technique to analyze the price in different websites.

Objectives

The primary objective is to build a system to compare product prices and accordingly show their availability with a respective portal's buy link. Another objective is to show availability of particular product based on user's location.

Literature Review

Comparing different quality models for portals DOI 10.1108/14684520610706424, We Studied about comparison of different portals. Comparison-Shopping Services and Agent designs : In this book we studied actual working of different shopping portals and different quality models and working.

Problem Definition

Current comparison system does not show the availability of product, user has to go to the actual shopping site to check whether the product is deliverable to user's locations or it is in stock or not.

Proposed System Architecture/Working

Our system will show the availability status of product.Once, the link of shopping site is pressed it will directly rediect to user's respective account user wont need to enter its login-id again.

Summary

The work presented in this report is related to Product Comparison System.

- User will login using it registered id

- Search Products

- Compare Products

- Redirect to website

References

[1] A Price Comparison System Based on Lucene : DOI 10.1109/ICCSE.2013.6553894

[2] Comparison-Shopping Services and Agent Designs : In this book we studied about actual working of different shopping portals and difference in their overall models and working