

ABSTRACT

Fake product review monitoring and removal for genuine ratings is used for identify the fake reviews posted on a website and to remove these fake posts. The main aim of this project is to ensure that only genuine posts and reviews on products are provided for the user and fore moving fake posts and reviews to ensure no one else would be cheated in the future. To find out fake review in the website our project “Fake Product Review Monitoring and Removal” we have introduced “Opinion Mining” in the system. This system will find out fake reviews made by posting fake comments about a product by identifying the IP address along with review posting patterns. User will login to the system using the user id and password and will view various products and will give review about the product. To find out whether the review is fake or genuine, system checks the IP address of the user and if the system observes that fake review sends from the same IP Address many a times it will inform the admin to remove that review from the system. This system uses data mining methodology. This system helps the user to find out correct review of the product and prevent user from being cheated. The coding languages used for developing the system are php. The system also carries a MYSQL mining methodology. Opinion mining/Sentiment analysis is a text analysis technique that uses computational linguistics and natural language processing to based database. The technologies used in the system are opinion mining and data automatically identify and extract sentiment or opinion from within the text. Data mining is a process used by the software to look for patterns in large batches of data.

CONTENTS

Table of content	Page No
Abstract	i
List of Figures	ii
List of screens	iii
1. Introduction	1
2. System Analysis	2-10
2.1. Existing system	2
2.2. Proposed system	3
2.3. Functionalities	4
2.4. About Technology	4-10
3. Requirements specifications	11
4. System design	12-16
4.1. Unified Modeling Language Diagram	12
4.1.1. Use case diagram	13
4.1.2. Class diagram	14
4.1.3. Sequence diagram	15
4.1.4. Activity diagram	16
5. Coding and implementation	17-60
5.1. User Registration	17-18
5.2. User Login	18-24
5.3. Place Order	24-25
5.4. Review Product	26-31
5.5. Review Submit	31-34
5.6. Admin Login	35-41
5.7. Rate Confirm	41-42
5.8. Add Product	42-49
5.9. Delete Product	49-54
5.2.1. Delete Fake Reviews	54-59

6. Testing	60-68
Types of tests	60
6.1 Unit testing	60
6.2 Functional testing	61
6.2.1 Blackbox testing	61
6.3 Non-Functional testing	61
6.3.1 Whitebox testing	62
6.4 System testing	62
6.5 Integration testing	62
6.6 Acceptance testing	63
6.7 Performance Testing	63
6.8 Test Cases	63-67
7.Results	68-71
8.Conclusion and Future Enhancement	72
9.Appendix	73-74
10.Bibliography	75-76
11.Bio Data	77

LIST OF FIGURES

S.NO	Figure. No	Figure Name	Page. No
1	4.1.1	Use case diagram	13
2	4.1.2	Class diagram	14
3	4.1.3	Sequence diagram	15
4	4.1.4	Activity diagram	16

LIST OF FIGURES

S.NO	Figure. No	Figure Name	Page. No
1	7.1	Home Page	68
2	7.2	Registration Page	68
3	7.3	Login Page	69
4	7.4	Review and Rating	69
5	7.5	Buying a Product	70
6	7.6	Adding a Product	70
7	7.7	Deleting Fake Reviews	71