

“IDENTIFICATION OF USER BY COLLABORATIVE ALGORITHM”

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ABSTRACT: Now a day's everyone uses online services in the large amount, those services are the particular of their approach of servicing each other in a very good manner. There are many online services for which we have to put some security about the corresponding levels. We are using those services and searching their history, and adding content. As well as we are finding their spending time, we are actually indentifying the user for their Corresponding dataset. As user identities of both the database which a database of source one and source two as mention above, then this is a insignificant.

Keywords: ICA system, System Architecture, Algorithm.

1. INTRODUCTION

A common requirement in our database is to analyzing for identifying user by a feat statistics of their data which we are going to actually work on. Now a day we have many applications, which can help us to access some information about the user those using the database or we can say source and the same information about the users we can get of the users from the another database or we can say source, and the requirement is to match the particular information from the first database of information from database that according to same hidden user. The both database might contain information about the users with there a location, city statistics measure over the time period which we calculated distinct. Another example of the online services for the matching problem the database which collected from the online services which are mention above at the accurate time period.

2. METHODS AND MATERIAL

A. COLLABORATIVE FILTERING ALGORITHM

The collaborative filtering algorithm is the algorithm we are using for the work on our database those are present or those database generated by us in the registration. The

collaborative filtering algorithm which help us to find by combining and compare all the database with each other and finding the output which are required in the form of graphical reorientation.

In the general or popular way, the collaborative filtering algorithm is the process of filtering for the information or patterns using technique including collaboration along multiple agene view points, data source as database, in etc. Collaborative a filtering method s have been applied to many different type of data such as in mineral exploration, monitoring data

B. IMPLEMENTATION OF ALGORITHM

The collaborative algorithm is the algorithm we implementation we going to applied on our two database which are we can categorize and generated wioth the help of our registration correspondingly formation the database with respect to the time period.

$$(1). W_{u,v} = \frac{P_i(r_{u,i} - r_{v,i})}{\sqrt{P_i(r_{u,i} - r_{v,i})^2}} \quad (1)$$

C. SYSTEM ARCHITECTURE

The our ICA system architecture is as follows that we can understand all the working of the system. Which included the modules such as web user and the sub modules.

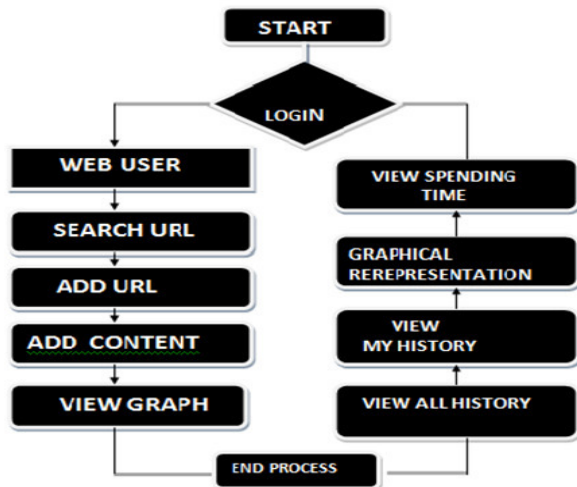


Figure 1: System Architecture

In the above flow diagram we can say the fully process of our system which is identifying user by matching statics. In the above flow diagram we see the various components of our system. The main component of our system which we are gone implemented. Our process start with login from registration; the registration makes our system secure. The web user follows many processes those are included with the search url, add url, add content and view graph.

The web user is for entering the information regarding new person who are login through the registration, controlling all the database like any changes regarding to the name, phone numbers, location ,url etc. The web user also controls the faulty registration like entering a new registration. The web user also have their own standard for the making or working with all this data.

3. IMPLEMENTATION

SYSTEM SPECIFICATION

A. HARDWARE CONFIGURATION

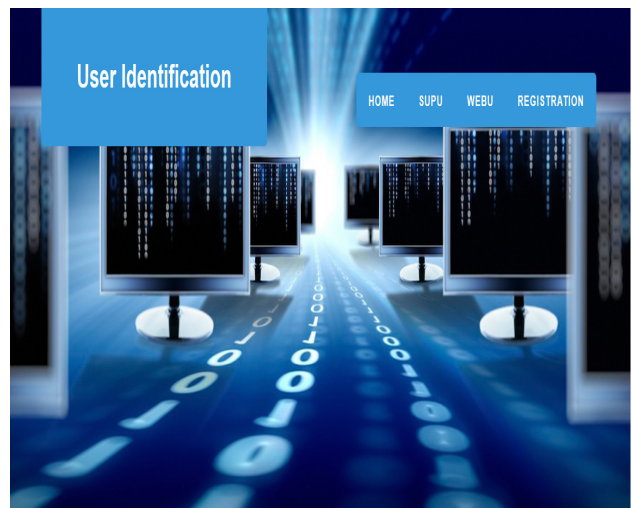
- Hardware - Pentium
- Speed - 1.1 GHz
- RAM - 1GB
- Hard Disk - 20 GB
- Floppy Drive - 1.44 MB
- Key Board - Standard Windows Keyboard
- Mouse - Two or Three Button Mouse
- Monitor - SVGA

B. SOFTWARE CONFIGURATION

- Operating System : Windows
- Technology : Java and J2EE
- Web Technologies :Html, JavaScript, CSS
- IDE : My Eclipse
- Web Server : Tomcat
- Tool kit :Android Phone
- Database : My SQL

4. RESULT

HOME PAGE OF ICA:



The above page is of the home page in winch it includes the varions components such as home SUPU as Superuser , WEBU as Webuser And the most important is the Registration. For Our convenaient we can enter any of content and process.

Registration of ICA :

User Register Here!

Name: rasika

Email_Address: rasikaretar84@gmail.com

Password:

Mobile: 7745839233

Gender: female

Location: NAGPUR

User_Type: WebUser

Profile_Picture: Browse... 2Q==.jpg

Submit Query Reset

The above page is of registration of the ICA system which help us to maintain our system secure as well as it include the contents of Name, Email_address, Password, Mobile number, Gender, Location, User_Types, Profile_Picture and at the end submit our information.


Login Page of ICA :

User Login Here!

Name: rasika

Password:

User Type: WEBU



After the successful registration we reach the login page. This is very important for the our system being Secure and we are login as WEBU is nothing but and webuser.

Add Website :

Enter URL: www.javatpoint.com

Enter Domain: javatpoint

Location: Nannur

Enter Image: Browse... 2Q==.jpg

ADD URL CLEAR

The add website is the main content of our system in which we can get the website for adding in our system and we are collecting the graph as output.

View All History in ICA :

View Browsing History : All Users

| UserId | UserName | URLName | Date | Start Time(min) | End Time | Spending Time(In min) |
|--------|----------|----------------------|------------|-----------------|----------|-----------------------|
| 13 | rasika | WWW.JAVA.COM | 27-03-2018 | 11:46:36 | .. | 0 |
| 12 | rasika | WWW.JAVA.COM | 27-03-2018 | 10:16:05 | .. | 0 |
| 11 | sudhir | WWW.JAVA.COM | 26-03-2018 | 11:26:53 | .. | 0 |
| 10 | janani | www.java.com | 29-06-2016 | 03:16:10 | 00:00:00 | 0 |
| 9 | janani | www.javatpointer.com | 29-06-2016 | 03:15:55 | 00:00:00 | 0 |
| 8 | janani | www.nakuri.com | 29-06-2016 | 03:12:19 | 00:00:00 | 0 |
| 7 | siyana | www.carrier.com | 28-06-2016 | 05:05:12 | 00:00:00 | 0 |
| 6 | siyana | www.sql.com | 28-06-2016 | 05:04:19 | 00:00:00 | 0 |
| 5 | siyana | www.nakuri.com | 28-06-2016 | 03:43:04 | 00:00:00 | 0 |
| 4 | siyana | www.nakuri.com | 28-06-2016 | 03:27:53 | 00:00:00 | 0 |
| 3 | siyana | www.nakuri.com | 28-06-2016 | 03:20:49 | 00:00:00 | 0 |
| 2 | siyana | www.java.com | 28-06-2016 | 02:48:23 | 00:00:00 | 0 |
| 1 | siyana | www.java.com | 28-06-2016 | 02:43:33 | 00:00:00 | 0 |

It is the final output which is the our particular our ICA output giving by our ICA system.

5. CONCLUSION

In the system we which we are implemented in this paper where we have study the requirement for user identification from the statics of their online uses of services. Accordingly, we are given an data mining concept with database in the form of histograms which accordingly belonging to database of the users and

another independent database of histogram which generated by the same users which are using online services. We are sprucing in the system the accuracy of our collaborative filtering algorithm..

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