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SECURING WEB SEARCH HISTORY BY USING MODIFIED GREEDY APPROACH

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ABSTRACT:

In previous system whatever the user can search on the internet, history can be need to delete manually, log file can be maintained. But In our framework we demonstrate the PWS Personalized web search (PWS) has demonstrated its effectiveness in improving the quality of various search services on the Internet. We propose a PWS framework called UPS that can adaptively generalize profiles by queries while respecting user specified privacy requirements. In our approach we can create the runtime profile, when user will logout from session the automatically runtime profile will be erased. Means whatever we surf on internet that can be deleted after logout from session. In our project we can create the one administration who have full authority about what user search on internet, and how much data usage performed by user. We present two greedy algorithms, namely Greedy DP and Greedy IL, for runtime generalization.

Keywords*: Privacy protection, personalized web search, utility, risk, profile*

1. INTRODUCTION:

Web search engine is most important in today's world for people who need an useful information from web. But sometime use may experience failure when he couldn't got the appropriate result. This irrelevancy can cause due to the ambiguity of text. Personalize web search is an very general category of search technique that provide better search result and user can gathered and analyse result to find out the users intention behind query .

In our system first user can login. Here there are two types of user can search the data on web browser namely visitor user and registered user when user can log in to the session and surfing on web browser at that time run time profile can be created of that user and when user can log out from that session at that time all profile will be deleted automatically. User doesn't need to be delete browsing history manually. Here browsing history deleted from user's machine but that browsing history visible to admin.in short we can provide authority and create admin which can see all login details and browsing history of user as well as he also seen how many data user can use in KB/MB.

In our proposed system we can use two effective algorithms for searching data on web browser that is GreedyDP and GreedyIL. Which can use for maximize discriminating power and minimize information loss.

1.1. Motivation:

In previous framework UPS system can be used in which privacy cannot be maintained. This is the biggest disadvantage of existing system so in our previous system we can use PWS in which privacy protection is main concern on web search .In previous system user need to delete browsing history manually but in our framework browsing history of user will delete automatically. The motivation behind this is that here, privacy as well as authority also be maintain effectively and properly.

2. PROPOSED WORK:

In our system first user can login. Here there are two types of user can search the data on web browser namely visitor user and registered user when user can log in to the session and surfing on web browser at that time run time profile can be created of that user and when user can log out from that session at that time all profile will be deleted automatically. User doesn't need to be delete browsing history manually. Here browsing history deleted from user's machine but that browsing history visible to admin.in short we can provide authority and create admin which can see all login details and browsing history of user as well as he also seen how many data user can use in KB/MB.

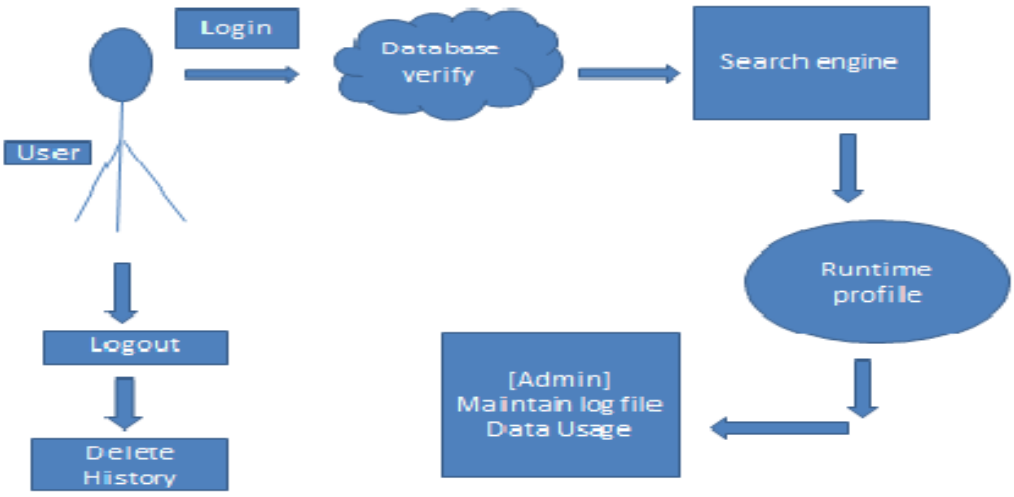

Figure 1. Architecture Diagram

2.2. Modules:

1. Profile Configuration & Profile-Based Personalization.

A profile generator that automatically creates user profiles representing the user preferences, and a content-based recommendation algorithm that estimates the user's interest in unknown content by matching her profile to metadata descriptions of the content. Both features are integrated into a personalization system.

2. Privacy Protection in PWS System

We propose a PWS framework called UPS that can generalize profiles in for each query according to user-specified privacy requirements. Two predictive metrics are proposed to evaluate the privacy breach risk and the query utility for hierarchical user profile. We develop two simple but effective generalization algorithms for user profiles allowing for query-level customization using our proposed metrics. We also provide an online prediction mechanism based on query utility for deciding whether to personalize a query in UPS. Extensive experiments demonstrate the efficiency and effectiveness of our framework. This prediction mechanism is depend on his Current search session history, as after session termination our framework clears all the history from user panel.

3. Search Administration and Analysis

This module is intended for administration purpose, where admin can check the user's history like session log in date time, session log out date time, website details, network usage, bandwidth utilization and system specification like – mac, ip and network details. This module also enhances the analysis of network use.

3. CONCLUSION AND FUTURE WORK:

Personalize web search has most important portal where we can maintained privacy as well as authorization by using modified greedy approaches that is GreedyDP and GreedyIL which shows effectiveness.

For future work it is mainly use for controlling and prohibiting sensitive data. We also see for convenient method to build user profile and better matrix to predict performance.

4. References:

[1] Z. Dou, R. Song, and J.-R. Wen, "A Large-Scale Evaluation and Analysis of Personalized Search Strategies," Proc. Int'l Conf. World Wide Web (WWW), pp. 581-590, 2007.

[2] J. Teevan, S.T. Dumais, and E. Horvitz, "Personalizing Search via Automated Analysis of Interests and Activities," Proc. 28th Ann. Int'l ACM SIGIR Conf. Research and Development in Information Retrieval (SIGIR), pp. 449-456, 2005.

[3] M. Spertta and S. Gach, "Personalizing Search Based on User Search Histories," Proc. IEEE/WIC/ACM Int'l Conf. Web Intelligence (WI), 2005.

[4] B. Tan, X. Shen, and C. Zhai, "Mining Long-Term Search History to Improve Search Accuracy," Proc. ACM SIGKDD Int'l Conf. Knowledge Discovery and Data Mining (KDD), 2006.

[5] K. Sugiyama, K. Hatano, and M. Yoshikawa, "Adaptive Web Search Based on User Profile Constructed without any Effort from Users," Proc. 13th Int'l Conf. World Wide Web (WWW), 2004.

[6] X. Shen, B. Tan, and C. Zhai, "Implicit User Modeling for

Personalized Search," Proc. 14th ACM Int'l Conf. Information and Knowledge Management (CIKM), 2005.

[7] X. Shen, B. Tan, and C. Zhai, "Context-Sensitive Informatin Retrieval Using Implicit Feedback," Proc. 28th Ann. Int'l ACM SIGIR Conf. Research and Development Information Retrieval (SIGIR), 2005.

[8] F. Qiu and J. Cho, "Automatic Identification of User Interest for Personalized Search," Proc. 15th Int'l Conf. World Wide Web (WWW), pp. 727-736, 2006.

[9] Lidan Shou, He Bai, Ke Chen, and Gang Chen" Supporting Privacy Protection in Personalized Web Search" ieee transactions on knowledge and data engineering, vol. 26, no. 2, february 2014 .

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