**ABSTRACT**

World Wide Web plays a vital role in our day today lives. Web browsers are the primary tool used to access the large quantity of information available online. Web revisitation is to re-find the previously viewed pages. However search engine suffer from fact that the user has to recall and hard to remember the combination of keywords in order to retrieve a specific web source. Bookmarks constitute the popular re-finding support as they optimize searching stage in comparison with search engine. Users can search resources in web according to their personal preference. Several websites are displayed where user can bookmark their interested links.

Collaborative tagging describes the process by which many users add metadata in the form of keywords to shared content. Collaborative tagging is one of the most popular service available online, that allow users to tag bookmarks, photographs and other content. The main purpose of tagging is to loosely classify either online or offline resources based on end user’s feedback, expressed in the form of free-text labels (i.e., tags) .In this project we analyze how to classify resources, protect user privacy while tagging resources and searching and to enhance web access functionalities like content filtering based on the preference specified by end users. Tag suppression is a technique that has the purpose of preventing attackers from profiling user’s interests on the basis of tags they specify. Our approach is to address two scenarios resource recommendation and parental control.