Paper Review Form

Reviewer Name: Shasha(Amy) Liu

Paper Name: Web Science: An interdisciplinary approach to understanding the World Wide Web

Section I. Overview

A. Reader Interest

1. Which category describes this manuscript?
   ___Practice/Application/Case Study/Experience Report
   ___Research/Technology
   __Survey/Tutorial/How-To

B. Content

1. Please explain how this manuscript advances this field of research and/or contributes something new to the literature.

   This manuscript advances the Web field by presenting the emerging interdisciplinary field of Web Science, which takes the Web as its primary object of study. It identifies some of the relationship among the social interactions enabled by the Web's design, the scalable and open applications development that is mandated to support, and the architectural and data requirements of these large scale Web applications.

C. Presentation

1. Does the introduction state the objectives of the manuscript in terms that encourage the reader to read on?
   ___Yes
   __X_Could be improved
   ___No

2. How would you rate the organization of the manuscript? Is it focused? Is the length appropriate for the topic?
   ___Satisfactory
   __X_Could be improved
   ___Poor

3. Please rate and comment on the readability of this manuscript.
   __X_Easy to read
   ___Readable - but requires some effort to understand
   ___Difficult to read and understand
   ___Unreadable

Section II. Evaluation
Section III. Detailed Comments (provide your thoughts/criticism about the ideas in the paper; not only summarize the paper but have a critical look here)

The paper can be regarded as a good review of what we have about the Web today, and it also can be seen as a good tutorial of the web in the future. Although the Would Wide Web nowadays is powerful enough, we still have a lot of things to do to get improvement in the future.

Additional Comments:

1. Provide one aspect that you liked the most in this paper.

The paper provides us quite a different view of the Web. It reveals some drawbacks of the Web today, as well as the way that people study the Web nowadays. It promotes the concept of “Web Science” and gives us many ideas of what we can do in the future.

2. Provide one aspect that you disliked the most in this paper.

It mainly focus on what we can do to make the Web better, and it would be better if the paper talked more about what can be remained, since the Web in the future is still based on the Web nowadays, and gives us a concrete example.

Section IV. Discussion Points (provide at least 3 discussion topics/questions related to ideas/techniques described in the paper; these will be used for discussions in the class)

1. Could “Web Science” help to improve the development of semantic web?

2. If the web graph is not a good way to represent the whole, what else can be used? Can we do some modifications to the graph which people are already familiar with?

3. What else can we find out at the micro scale of the “web science”?

Please rate the manuscript. Explain your choice.

___Award Quality
x Excellent
___Good
___Fair
___Poor