

CSCI8380 (Spring 2012): Paper Review Form

Reviewer Name: Mehdi Allahyari

Paper Name: Answering Queries with Crowdsourcing

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.

Answer: This manuscript presents a relational query processing system called CrowdDB that uses micro task-based crowdsourcing to answer queries that cannot otherwise be answered. It also describes simple extensions to the SQL DDL and DML for crowdsourcing.

C. Presentation

1. Does the introduction state the objectives of the manuscript in terms that encourage the reader to read on?

☒ Yes
☐ 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
☐ Could be improved
☐ Poor

3. Please rate and comment on the readability of this manuscript.

☐ Easy to read
☒ Readable - but requires some effort to understand
☐ Difficult to read and understand
☐ Unreadable

Section II. Evaluation

Please rate the manuscript. Explain your choice.

- ☐ Award Quality
- ☐ Excellent
- ☒ Good
- ☐ Fair
- ☐ Poor

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)

Answer: *In this paper authors presented a method to answer the queries that cannot be answered, defining the concept of Crowd Sourcing. They propose a relational query-processing model by extending the SQL to address the task.*

Additional Comments:

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

*The idea of using SQL queries is interesting, especially not only you don't need to modify the query, but also having more functionality which is very useful in crowd source related problem.
Also the combination of human input and the computer (in this case database processing) creates new beneficial applications.*

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

This paper didn't talk about the answer quality, which is a major issue that must be addressed.

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. *How cost and latency can impact the answers that will be returned by any crowdsourced query processor?*
2. *What are some of the implementation challenges?*