**Individual Report**

**Member name:** [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu)

**Evaluated by:** [Avani Mundra](mailto:amudra@asu.edu)[Gautham Vijayaraj](mailto:gvijaya6@asu.edu)

**Date: Sep 17, 2023**

**Tasks Assigned:**

* Reviewed and prepared an in-depth report
* Evaluated reports of others in the team.
* Preparing weekly report

**Summary:**

* Finished writing the in-depth report on the paper "A Trusted Social Network Using Hypothetical Mathematical Model and Decision-Based Scheme".
* Evaluated the individual and in-depth reports of [Justin Young](mailto:jtyoun15@asu.edu) for the present week.
* Actively participated in preparing the weekly report for the present week.
* A brief summary of the paper:
* This research proposes an innovative strategy for increasing the trustworthiness of social networks. They employ a unique mathematical methodology to determine how much we can trust users.
* They then utilize this information to determine which content is trustworthy.
* This aids in detecting false or hazardous content, making the network safer and more reliable for everyone. It's a significant step toward a more social online environment.

**Outcomes:**

* The report focuses on an innovative technique to improve social network trustworthiness using a specific mathematical model. It encourages active engagement and thorough examination of individual reports. The summary emphasizes the paper's importance in making online social environments safer and more dependable.

**References**

[1] G. Rathee, S. Garg, G. Kaddoum, D. N. K. Jayakody, M. J. Piran and G. Muhammad, "A Trusted Social Network Using Hypothetical Mathematical Model and Decision- Based Scheme," in *IEEE Access*, vol. 9, pp. 4223-4232, 2021, doi: 10.1109/ACCESS.2020.3048077.

**Evaluation of Report  
  
Evaluation by:** [Avani Mundra](mailto:amudra@asu.edu) **Date: Sep 17, 2023**

**Is the weekly member report complete with all the major result(s) of the paper(s)? If not, provide as many examples of the major result(s) missing in the written report as possible. (in bullet form). [within 100 words]**

* Yes, the member’s weekly report is comprehensive and covers all major results of the paper.
* The aim of the research paper has been specified.
* Its application to solve the designated problem has also been mentioned with clarity.

**Is each section of the guidelines sufficiently completed? If not, point out what is missing. [Normally within 40 words].**

Yes, each section of the guideline has been completed efficiently.

**Is the quality of this version of the written report satisfactory? If not, then why not? [Normally within 40 words]**

Yes, the quality of the report is satisfactory, it includes all the necessary details.

**Approved by:** [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) **Date: 9/18/2023**