**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 25, 2023**

**Tasks Assigned:**

* To prepare a comprehensive report outlining the duties and responsibilities completed to date.

**Summary:**

* In the very first week, I collected a few research papers related to the project title. After going through the research papers, I then finalized five research papers that are more relevant to our project title.
* I then was part of preparing the project plan and weekly report for the first week. In the Project Plan, I contributed to the project scope and literature review.
* **Tasks for the second week:**
* In the second week, I studied the paper, “Towards automated real-time detection of misinformation on Twitter”.
* Finished the In-depth report for this paper highlighting the key points and outcomes and finished the individual progress report for the same week.
* Evaluated the individual and in-depth reports of Justin young.
* **Tasks accomplished third week:**
* In the third week, I studied the paper, "A Trusted Social Network Using Hypothetical Mathematical Model and Decision-Based Scheme".
* Finished the individual progress report for the same week.
* Evaluated the individual and in-depth reports of Justin young.
* **Tasks accomplished fourth week:**
* In the fourth week, I studied the paper, “A Trusted Social Network Using Hypothetical Mathematical Model and Decision-Based Scheme”.
* Finished the In-depth report for this paper highlighting the key points and outcomes and finished the individual progress report for the same.
* Evaluated the individual and in-depth reports of Justin young.
* Prepared the weekly report for this week.
* **Tasks accomplished fifth week:**
* In the fifth week, I studied the paper, “A Trusted Social Network Using Hypothetical Mathematical Model and Decision-Based Scheme”.
* Finished the In-depth report for this paper highlighting the key points and outcomes and finished the individual progress report for the same.
* Evaluated the individual and in-depth reports of Justin young.
* Also prepared the individual midterm report and actively participated in completing the Midterm Review Report.
* **Week Wise In Depth and Individual Progress Reports:**
* Week1: [Yeshwanth\_Reddy\_Chennur\_Individual\_Progress\_Report](https://docs.google.com/document/d/1gb2aVKydYr_2PdhibPRUo5RlKPuoQQA36MjBMytAXmw/edit?usp=drive_link)

[Yeshwanth\_Reddy\_Chennur\_Individual\_In-depth\_Report.docx](https://docs.google.com/document/d/1cVgJIqDU6iaLSsUwmRFxPiTLrb41k1qK/edit?usp=drive_link&ouid=100701464624984336471&rtpof=true&sd=true)

* Week2: [Yeshwanth\_Reddy\_Chennur\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1dxsCWQV6VuC8RWBMOwEZWqIizbNiuKFi/edit?usp=drive_link&ouid=100701464624984336471&rtpof=true&sd=true)
* Week3: [Yeshwanth\_Reddy\_Chennur\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1CnJS3xcXqx7p3pFjIXJjpyeFXwGEMvpn/edit?usp=drive_link&ouid=100701464624984336471&rtpof=true&sd=true)

[Yeshwanth\_Reddy\_Chennur\_Individual\_In-depth\_Report.docx](https://docs.google.com/document/d/11vKsKw3MoRBUCHBcrFRM8hQpJ7R7Yqek/edit?usp=drive_link&ouid=100701464624984336471&rtpof=true&sd=true)

* Week4: [Yeshwanth\_Reddy\_Chennur\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1yiOhgkyZbaMtSnIDigvdmN57vGI56_52/edit?usp=drive_link&ouid=100701464624984336471&rtpof=true&sd=true)

**Outcomes:**

I’m contributing towards the team work in all the aspects such as doing the weekly reports, project plan, doing literature review, midterm review report, evaluating the team members reports. I’ve been preparing the In-depth reports of the research papers, providing the key highlights and the outcomes of the papers which helps towards our project enhancement.

**References:**

[1] S. Jain, V. Sharma and R. Kaushal, "Towards automated real-time detection of misinformation on Twitter," *2016 International Conference on Advances in Computing, Communications and Informatics (ICACCI)*, Jaipur, India, 2016, pp. 2015-2020, doi: 10.1109/ICACCI.2016.7732347.

[2] Ravneet Kaur, Sarbjeet Singh. "A survey of data mining and social network analysis based anomaly detection techniques." Egyptian Informatics Journal, Volume 17, Issue 2, 2016, Pages 199-216. ISSN 1110-8665. doi: 10.1016/j.eij.2015.11.004.

[3] S. Garg, K. Kaur, N. Kumar and J. J. P. C. Rodrigues, "Hybrid Deep-Learning-Based Anomaly Detection Scheme for Suspicious Flow Detection in SDN: A Social Multimedia Perspective," in IEEE Transactions on Multimedia, vol. 21, no. 3, pp. 566-578, March 2019, doi: 10.1109/TMM.2019.2893549.

[4] Q. Liu, P. Li, W. Zhao, W. Cai, S. Yu and V. C. M. Leung, "A Survey on Security Threats and Defensive Techniques of Machine Learning: A Data Driven View," in IEEE Access, vol. 6, pp. 12103-12117, 2018, doi: 10.1109/ACCESS.2018.2805680.

[5] C. Prashanth, D. Chandrasekaran, B. Pandian, K. Duraipandian, T. Chen and M. Sathiyanarayanan, "Reveal: Online Fake Job Advert Detection Application using Machine Learning," 2022 IEEE Delhi Section Conference (DELCON), New Delhi, India, 2022, pp. 1-6, doi: 10.1109/DELCON54057.2022.9752784.

**Evaluation of Report  
  
Evaluation by:** [Avani Mundra](mailto:amudra@asu.edu) **Date: Sep 25, 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 report is complete with all the tasks performed till date outlined in detail.
* The team member has also successfully provided links to all the tasks performed

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

Yes, each section of guidelines is complete with all details. The progress achieve each week has been highlighted well.

**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.

**Approved by:** [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) **Date: 9/25/2023**