## **Group 1-5 Weekly Report - #1**

## List of members

**Group Leader:** [Krupaben Kothadia](mailto:kkothadi@asu.edu)

**Group Deputy Leader:** [Gautham Vijayaraj](mailto:gvijaya6@asu.edu)

**Group Members:** [Krupaben Kothadia](mailto:kkothadi@asu.edu)

* [Avani Mundra](mailto:amudra@asu.edu)
* [Justin Young](mailto:jtyoun15@asu.edu)
* [Anuranjan Dubey](mailto:adubey37@asu.edu)
* [Rahul Nayak](mailto:rrnayak@asu.edu)
* [Sangeeth Santhosh](mailto:ssantho9@asu.edu)
* [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu)

## Submission Details

**Name of member that prepared the report:** [Gautham Vijayaraj](mailto:gvijaya6@asu.edu)**,** [Sangeeth Santhosh](mailto:ssantho9@asu.edu)

**Name of member that submitted this report:** [Krupaben Kothadia](mailto:kkothadi@asu.edu)  
**Report is approved by:** [Krupaben Kothadia](mailto:kkothadi@asu.edu)

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## Meeting Notes

**08/29/23 - 6:00 p.m. (Mode: Online)**

* **Meeting Objective:** Weekly project discussion related to project outcome, additional literature survey, discussing an approach to start the in-depth progress reports, addressing questions and providing information to team members, task discussion and distribution for project plan.
* **Duration:** 60 Mins (6:00 PM to 7 PM)
* **Members present:** [Krupaben Kothadia](mailto:kkothadi@asu.edu)[Avani Mundra](mailto:amudra@asu.edu)[Justin Young](mailto:jtyoun15@asu.edu)[Rahul Nayak](mailto:rrnayak@asu.edu)[Sangeeth Santhosh](mailto:ssantho9@asu.edu)[Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu)
* **Members absent:** [Gautham Vijayaraj](mailto:gvijaya6@asu.edu)[Anuranjan Dubey](mailto:adubey37@asu.edu)
* **Reason for absence:** Miscommunication with the dates and timings
* **Discussion:**
  + Discussed the action plan for the remainder of the week, along with the tasks to be performed by each member.
  + Decided to prepare 10 questions related to Information Assurance and Security and the main project topic, along with the delegation of the number of questions that each member should prepare.
  + Delegated the responsibility to each member to find at least 2 problems or questions related to the main project topic and get it approved by the group leader or deputy leader.
  + Agreed to the fact that the project scope and project outcome had to be updated in the project plan after being clear with the areas we would be focusing on.
  + Apart from finding questions, it was decided that each member find research papers which aligns with the question prepared by that particular member.
  + Preparation of individual in-depth and progress reports by all members of the group by comprehensively reading and analyzing one paper from the set of research papers prepared by each member of the group.
  + Delegation of individual evaluation tasks to each member of the group to reduce the workload of the leaders and to ensure that each member gets an opportunity to evaluate and hence significantly contribute to the project.
* **To Do List:**
  + Each team member will be responsible for coming up with 2 questions related to Information Assurance and the project topic.
  + Group leader and Deputy leader will make sure that the questions do not overlap with the other questions and approve it.
  + Each team member will be responsible to prepare their individual progress reports and upload them on google drive.
  + Each team member will be responsible to prepare their individual in-depth report for a reference paper they have collected.
  + Each team member will be responsible to evaluate at least one in-depth report.
  + Group leader and Deputy leader will be responsible for evaluating the individual progress reports.
  + Each team member will work on the project plan and complete it before the deadline.
  + Group leader and Deputy leader will prepare, evaluate and verify the project plan before submission.
  + Each team member will refer to their work progress in the google word document file named as “Work\_Distribution\_Draft” created by the group leader under the google drive folder “Week\_09-04”.
  + Two different team members every week on a rotation basis will be working on preparing the weekly report.
  + Each team member every week on a rotation basis will be working on updating the Gantt Chart.
  + Group leader organizes the google drive and keeps a check on everyone’s task progress and completion.
  + Deputy leader will organize the “Individual\_Progress\_Report” files in the drive and keep a check on everyone’s task progress and completion.
* **Next Meeting Scheduled on***: 09/05/23 - 6:30 p.m*

## Individual Progress Reports and In-Depth Reports

| **Member Name** | **Weekly Member Progress Link** | **Individual In-Depth Reports Link** | **Self Acknowledgement** | **Evaluator Acknowledgement** |
| --- | --- | --- | --- | --- |
| [Krupaben Kothadia](mailto:kkothadi@asu.edu) | [Individual Progress Report](https://docs.google.com/document/d/13E3G7uNOSlxgaT2DZ8dCxDuRF6oK6tGrfXbkKeHSLYI/edit?usp=drive_link) | [Individual In-Depth Report](https://docs.google.com/document/d/1Bo-t0owzhAoLDXxKKcmmtBKy1A3-otce/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Krupaben Kothadia](mailto:kkothadi@asu.edu) | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) | [Individual Progress Report](https://docs.google.com/document/d/1gBrUdxOeKUf9KwK0Pfy422RxKsgn2YqnOmocBCHlbV8/edit?usp=drive_link) | [Individual In-Depth Report](https://docs.google.com/document/d/1nz6jbcDmSwb_I6wlzNtFrsAWNSx-vtjDxdMcVeeP8L8/edit?usp=drive_link) | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| [Avani Mundra](mailto:amudra@asu.edu) | [Individual Progress Report](https://docs.google.com/document/d/1g6Esy35FbhWKXnlXQWun70RoWHL57W6P/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Individual In-Depth Report](https://docs.google.com/document/d/1LPoCyQ8MVEIZnsYgoUjSDU6hDPZErFUb/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Avani Mundra](mailto:amudra@asu.edu) | [Krupaben Kothadia](mailto:kkothadi@asu.edu) [Rahul Nayak](mailto:rrnayak@asu.edu) |
| [Justin Young](mailto:jtyoun15@asu.edu) | [Individual Progress Report](https://docs.google.com/document/d/1LoUL2a016z2dwWYobZOkgwT45uH3xul523GLdmax_8Y/edit?usp=drive_link) | [Individual In-Depth Report](https://docs.google.com/document/d/18Ie_EKDA87LVddDpUgR7epngBBpj6W65/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Justin Young](mailto:jtyoun15@asu.edu) | [Krupaben Kothadia](mailto:kkothadi@asu.edu) [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) |
| [Anuranjan Dubey](mailto:adubey37@asu.edu) | [Individual Progress Report](https://docs.google.com/document/d/1GI-SZiJPZ2XxSLlYjjT3EyKzSmPw-TJx/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Individual In-Depth Report](https://docs.google.com/document/d/1NKiEEWwR1V9-8DPF39XKEpvrRfBJmBiA/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Anuranjan Dubey](mailto:adubey37@asu.edu) | [Krupaben Kothadia](mailto:kkothadi@asu.edu) [Sangeeth Santhosh](mailto:ssantho9@asu.edu) |
| [Rahul Nayak](mailto:rrnayak@asu.edu) | [Individual Progress Report](https://docs.google.com/document/d/1_mSROGgfWuXsIPxYOFd9zrkaWaS6eiRO/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Individual In-Depth Report](https://docs.google.com/document/d/1s8XIZ5oJMw-bhkVqyn9PVmg4kDoLF9xE/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Rahul Nayak](mailto:rrnayak@asu.edu) | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) [Anuranjan Dubey](mailto:adubey37@asu.edu) |
| [Sangeeth Santhosh](mailto:ssantho9@asu.edu) | [Individual Progress Report](https://docs.google.com/document/d/1mJKAvcl-872Ap1Wq7pEbP05S3upJQ3oqipjobqhv7sA/edit?usp=drive_link) | [Individual In-Depth Report](https://docs.google.com/document/d/1Eif5cCu7J-lSJmQg8JUva7IBHbHFUM5fCpB289qwmzY/edit?usp=drive_link) | [Sangeeth Santhosh](mailto:ssantho9@asu.edu) | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) [Justin Young](mailto:jtyoun15@asu.edu) |
| [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) | [Individual Progress Report](https://docs.google.com/document/d/1gb2aVKydYr_2PdhibPRUo5RlKPuoQQA36MjBMytAXmw/edit?usp=drive_link) | [Individual In-Depth Report](https://docs.google.com/document/d/1cVgJIqDU6iaLSsUwmRFxPiTLrb41k1qK/edit?usp=drive_link&ouid=116067103181768245745&rtpof=true&sd=true) | [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) [Avani Mundra](mailto:amudra@asu.edu) |

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## Tasks Summary

| **Task Number** | **Task Goal** | **Description of Task** | **Assignee** | **Task Status** | **Evaluator** |
| --- | --- | --- | --- | --- | --- |
| #2.1 | Project Plan, Domain Research, Progress Report, In-Depth Report , Assigning Tasks,Gantt Chart, Evaluation and Approval of Reports, Team meetings, Organizing google drive | Came up with 5 research papers on Data Preprocessing and NLP techniques to produce robust dataset for detecting suspicious activities on social media, preparing individual in-depth report, preparing individual progress report, evaluating Gautham’s individual progress report and in-depth report, preparing Project Plan and Gantt Chart, evaluating Weekly Report, approving 4 members in-depth reports, organizing group meeting, assigning tasks, providing direction in preparing Weekly Report, project plan and Gantt chart, and approving 4 members research domain and their research papers, organizing google drive. | [Krupaben Kothadia](mailto:kkothadi@asu.edu) | Completed | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| #2.2 | Project Plan, Domain Research, Progress Report, In-Depth Report , Weekly Report, Evaluation of Gantt Chart, Evaluation and Approval of Reports | Came up with 5 research papers on Secure Data Collection Techniques, preparing individual in-depth report, preparing individual progress report, evaluating Krupa’s individual progress report and in-depth report, preparing Weekly Report and project plan, evaluating Gantt chart, approving 4 members in-depth reports,providing guidance, organizing drive, addressing queries and approving 4 members research domain and their research papers. | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) | Completed | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| #2.3 | Project Plan, Domain Research, Progress Report, In-Depth Report , Evaluation of Reports | Came up with 3 research papers on Data Mining Techniques to Handle Multimodal Data, preparing individual in-depth report, preparing individual progress report, evaluating Yeshwanth’s individual progress report and in-depth report, and preparing project plan. | [Avani Mundra](mailto:amudra@asu.edu) | Completed | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| #2.4 | Project Plan, Domain Research, Progress Report, In-Depth Report , Gantt Chart Evaluation of Reports | Came up with 4 research papers on Ensuring Model Security, preparing individual in-depth report, preparing individual progress report, evaluating Sangeeth’s individual progress report and in-depth report, and preparing project plan and Gantt chart. | [Justin Young](mailto:jtyoun15@asu.edu) | Completed | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| #2.5 | Project Plan, Domain Research, Progress Report, In-Depth Report , Evaluation of Reports | Came up with 4 research papers on Leveraging Machine Learning Models for detection of suspicious activities on social media, preparing individual in-depth report, preparing individual progress report, evaluating Rahul’s individual progress report and in-depth report, preparing project plan. | [Anuranjan Dubey](mailto:adubey37@asu.edu) | Completed | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| #2.6 | Project Plan, Domain Research, Progress Report, In-Depth Report , Evaluation of Reports | Came up with 4 research papers on Data Exploration for varied suspicious activities, preparing individual in-depth report, preparing individual progress report, evaluating Avani’s individual progress report and in-depth report, preparing project plan. | [Rahul Nayak](mailto:rrnayak@asu.edu) | Completed | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| #2.7 | Project Plan, Domain Research, Progress Report, In-Depth Report , Weekly Report Evaluation of Reports | Came up with 5 research papers on Model Evaluation and explainability of False negatives and Positives generated by Machine Learning Algorithms, preparing individual in-depth report, preparing individual progress report, preparing weekly report, evaluating Anuranjan’s individual progress report and in-depth report, preparing project plan. | [Sangeeth Santhosh](mailto:ssantho9@asu.edu) | Completed | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| #2.8 | Project Plan, Domain Research, Progress Report, In-Depth Report , Evaluation of Reports | Came up with 3 research papers on the models that are self evolving and updated with real-time evolving threats, preparing individual in-depth report, preparing individual progress report, evaluating Justin’s individual progress report and in-depth report, preparing project plan. | [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) | Completed | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |

## Gantt chart

**Link to the gantt chart:** [Gantt Chart](https://docs.google.com/spreadsheets/d/1TpkQiW_teJU5ORx2j8N8k_ihbj1cB_Zh/edit#gid=1653990051)

**Gantt chart updated by**: [Krupaben Kothadia](mailto:kkothadi@asu.edu)[Justin Young](mailto:jtyoun15@asu.edu)

**Gantt chart approved by**: [Krupaben Kothadia](mailto:kkothadi@asu.edu), [Gautham Vijayaraj](mailto:gvijaya6@asu.edu)

## Comments

* All group members have been cooperative, showed enthusiasm to work on a project, and have put in an effort to complete their assigned tasks successfully this week.