## **Weekly\_Report\_#9\_CSE 543\_Group\_1-5**

## 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)

* [Gautham Vijayaraj](mailto:gvijaya6@asu.edu)
* [Avani Mundra](mailto:amudra@asu.edu)
* [Justin Young](mailto:jtyoun15@asu.edu)
* [Anuranjan Dubey](mailto:adubey37@asu.edu)
* [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu)
* [Sangeeth Santhosh](mailto:ssantho9@asu.edu)
* [Rahul Nayak](mailto:rrnayak@asu.edu)

## Submission Details

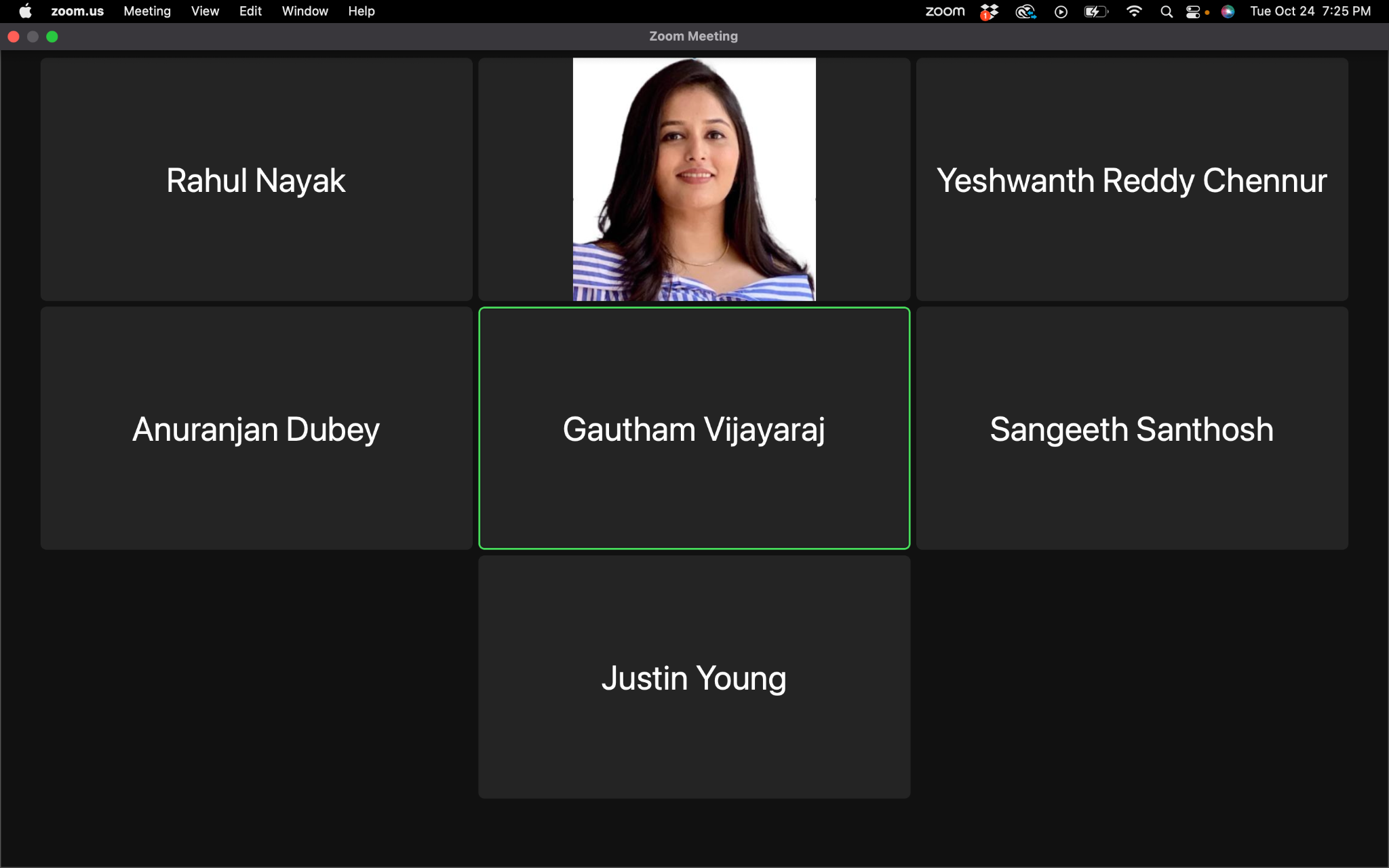
**Name of member that prepared the report:** [Anuranjan Dubey](mailto:adubey37@asu.edu)[Sangeeth Santhosh](mailto:ssantho9@asu.edu)

**Name of member that submitted this report:** [Krupaben Kothadia](mailto:kkothadi@asu.edu)  
  
**Report is approved by:** [Krupaben Kothadia](mailto:kkothadi@asu.edu)[Gautham Vijayaraj](mailto:gvijaya6@asu.edu)

## 

## Meeting Notes

**10/24/23 - 6:30-7:30 p.m. (Mode: Online)**



* **Meeting Objective:** Review the project's overall outcomes, discussed about final report and format of the report, assigned tasks for the final report, discussion on reading not-so-important papers, explore a strategy to maintain detailed progress reports and final report, handle inquiries, share information with team members, and discuss and allocate tasks for the weekly report and gantt chart.
* **Members present:** [Krupaben Kothadia](mailto:kkothadi@asu.edu), [Gautham Vijayaraj](mailto:gvijaya6@asu.edu), [Anuranjan Dubey](mailto:adubey37@asu.edu), [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu), [Rahul Nayak](mailto:rrnayak@asu.edu), [Justin Young](mailto:jtyoun15@asu.edu), [Sangeeth Santhosh](mailto:ssantho9@asu.edu)
* **Members absent:** [Avani Mundra](mailto:amudra@asu.edu)
* **Reason for absence:** N/A
* **Discussion:**
  + Conducted an assessment of the project's overall outcome, In the third and fourth sections of the final project report, we assessed the accomplishments, individual gains and detailed results of the proposed methods based on our project plan and research efforts.
  + Discussed incorporating additional reference materials into the final project report, (like tables and images from research papers) addressing related queries and considerations.
  + Reminder to maintain the format of the reports, text and font as given in the guidelines.
  + Efficiently allocated tasks and responsibilities for the final report, weekly report and gantt chart, ensuring that team members are aligned with their respective roles and duties.
  + Successfully resolved inquiries related to individual reports, weekly progress updates, and references, with a focus on maintaining clarity and accuracy in all project documentation.
* **To Do List:**
  + Each team member will create their individual progress report based on what they've achieved this week and any additional information on not-so important papers.
  + Members will assess their peers' progress reports.
  + Group leaders will approve all the reports including individual progress reports and manage Google Drive organization.
  + Rotating team members will prepare Gantt charts and weekly reports.
  + We also established estimated completion timelines for the final report first draft, each member regarding their assigned part as follows:
    - Final Group Project Report Template Creation, Cover Page, Table of Contents, References, Evaluation and Approval : [Krupaben Kothadia](mailto:kkothadi@asu.edu) and [Gautham Vijayaraj](mailto:gvijaya6@asu.edu)
    - Motivation and Background: [Anuranjan Dubey](mailto:adubey37@asu.edu)and [Justin Young](mailto:jtyoun15@asu.edu)
    - Goals and Scope: [Rahul Nayak](mailto:rrnayak@asu.edu)and [Sangeeth Santhosh](mailto:ssantho9@asu.edu)
    - Summary on Accomplishments: [Avani Mundra](mailto:amudra@asu.edu)and [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu)
    - Accomplishments, detailed results on accomplishments and, conclusions and recommendations: By everyone for their specific research domain
  + Specified word limits for each section, to make sure that the report follows the instructions given by the professor.
  + Weekly Report assigned to: [Anuranjan Dubey](mailto:adubey37@asu.edu),[Sangeeth Santhosh](mailto:ssantho9@asu.edu)  
    Gantt Chart assigned to: [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu)
* **Next Meeting Scheduled on***:* **10/31/23 - 6:30 p.m**

## Classification of Important and Generic Reference Papers

Link to the Reference Documents Classification List: [References\_List](https://docs.google.com/document/d/15T-F8te1yxn_htvAxAdAmRKHNw10Ci9SCHduxrQxA4c/edit)

Link to the Not-So-Important Papers Summary document: [Summary\_Statement\_Not\_So\_Important\_Papers](https://docs.google.com/document/d/1QmxaOqG8rONc0v80Qa2wFGUMXmtyd_5nVvCeJUYJvuM/edit?usp=sharing)

## Approval from the Writing Center

All the team members had completed visiting the writing center last week: [Writing Center Confirmations](https://drive.google.com/drive/folders/1MUwj0bM40k3vg3sy8F-NRTnfdF76umpC?usp=drive_link)

## Project Tasks in Progress

| **Tasks in Progress** | **Timeline**  **(No.of Weeks)** | **No.of Important Papers to Study** | **Name of Assignee** |
| --- | --- | --- | --- |
| **Secure Data Collection Techniques** | 1 | Completed 7 research papers | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| **Data Preprocessing and Feature Engineering** | 1 | Completed all 7 research papers | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| **Data Mining Techniques to Handle Multimodal Data** | 1 | Completed 5 research papers | [Avani Mundra](mailto:amudra@asu.edu) |
| **Model Security Assurance** | 1 | Completed all 5 research papers | [Justin Young](mailto:jtyoun15@asu.edu) |
| **Model Evaluation** | 1 | Completed all 5 research papers | [Sangeeth Santhosh](mailto:ssantho9@asu.edu) |
| **Leveraging Machine Learning Models** | 1 | Completed all 5 research papers | [Anuranjan Dubey](mailto:adubey37@asu.edu) |
| **Data Exploration** | 1 | Completed 5 research papers | [Rahul Nayak](mailto:rrnayak@asu.edu) |
| **Machine Learning Model Security Assurance** | 1 | Completed all 5 research papers | [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) |

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## Member Contribution (Individual Reports) :

| **Member Name** | **Weekly Member Progress Link** | **Individual In-Depth Reports Link** | **Self Acknowledgement** | **Evaluator Acknowledgement** |
| --- | --- | --- | --- | --- |
| [Krupaben Kothadia](mailto:kkothadi@asu.edu) | [Krupaben\_Kothadia\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1OADJZOcRmXfDOCKrTarC05svsg1Rxhhp/edit?usp=drive_link&ouid=101870164252766530632&rtpof=true&sd=true) | - | [Krupaben Kothadia](mailto:kkothadi@asu.edu) | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) | [Gautham\_Vijayaraj\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1UuPm2WJKDIVF-9VrymooZLq-cbu0OWB5/edit?usp=drive_link&ouid=101870164252766530632&rtpof=true&sd=true) | - | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| [Avani Mundra](mailto:amudra@asu.edu) | [Avani\_Mundra\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/18jydexw0rdEy9b7ntjPc8py2VjjgzW4P/edit?usp=drive_link&ouid=101870164252766530632&rtpof=true&sd=true) | - | [Avani Mundra](mailto:amudra@asu.edu) | [Rahul Nayak](mailto:rrnayak@asu.edu) [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| [Justin Young](mailto:jtyoun15@asu.edu) | [Justin\_Young\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1C3ogd5XZCL7djfBX18E-pCR9zJGvPyWs/edit?usp=drive_link&ouid=101870164252766530632&rtpof=true&sd=true) | - | [Justin Young](mailto:jtyoun15@asu.edu) | [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| [Anuranjan Dubey](mailto:adubey37@asu.edu) | [Anuranjan\_Dubey\_Individual\_Progress\_Report](https://docs.google.com/document/d/1h-OfVvXKJu8oSE_UTnVb-K0YVZkNzEqfzoBevbku6po/edit?usp=drive_link) | - | [Anuranjan Dubey](mailto:adubey37@asu.edu) | [Sangeeth Santhosh](mailto:ssantho9@asu.edu) [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| [Rahul Nayak](mailto:rrnayak@asu.edu) | [Rahul\_Nayak\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1kNrEAVGhKfllwtBZhK65EzmMW5qiL8sU/edit?usp=drive_link&ouid=101870164252766530632&rtpof=true&sd=true) | - | [Rahul Nayak](mailto:rrnayak@asu.edu) | [Anuranjan Dubey](mailto:adubey37@asu.edu) [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| [Sangeeth Santhosh](mailto:ssantho9@asu.edu) | [Sangeeth\_Santhosh\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1bkN75GlAmEzTQdZmPhVt9Fu0-wLImzci/edit?usp=drive_link&ouid=101870164252766530632&rtpof=true&sd=true) | - | [Sangeeth Santhosh](mailto:ssantho9@asu.edu) | [Justin Young](mailto:jtyoun15@asu.edu) [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) | [Yeshwanth\_Reddy\_Chennur\_Individual\_Progress\_Report.docx](https://docs.google.com/document/d/1d5z6oU9QRuiPqRgsRI_k7iL9JykeHIZc/edit?usp=drive_link&ouid=101870164252766530632&rtpof=true&sd=true) | - | [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) | [Avani Mundra](mailto:amudra@asu.edu) [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |

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## Tasks Summary

| **Task Number** | **Task Goal** | **Description of Task** | **Assignee** | **Task Status** | **Evaluator** |
| --- | --- | --- | --- | --- | --- |
| #10.1 | Preparing Work\_Distribution\_Draft, Preparing Final group project Template, adding the content final group project report, continuous evaluations and approval of each team member's writings in final group project report, Preparing individual progress report, Reading 5 Not so important papers, Evaluating and approving team members’ individual progress and in-depth reports(if any), Evaluating and approving weekly report and GANTT Chart, Assigning the task distribution, Providing summary of content for weekly report and GANTT Chart, Organizing group meetings, Organizing google drive | Preparing Work Distribution Draft, Preparing Final group project Template, adding the content final group project report, continuous evaluations and approval of each team member's writings in final group project report, Preparing individual progress report,Reading 5 Not so important papers,Evaluating and approving team members’ individual progress and in-depth reports, Evaluating and approving GANTT Chart,Evaluating and approving Weekly Report,Assigning the task distribution,Providing a summary of content for the weekly report and GANTT Chart,Organizing group meetings,Organizing Google Drive. | [Krupaben Kothadia](mailto:kkothadi@asu.edu) | Completed | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| #10.2 | Preparing an individual progress report, Evaluating and approving team members’ individual progress, Preparing Final group project report template and adding content in it, continuous evaluations and approval of each team member's writings in final group project report, Assigning Tasks along with the Group Leader, Reading “Not so Important” reference papers from the References List, Evaluating and approving the weekly report and GANTT Chart, Taking meeting notes | Preparing an individual progress report, Preparing Final group project report template and adding content in it, continuous evaluations and approval of each team member's writings in final group project report, evaluating and approving team members’ individual progress and in-depth reports, evaluating and approving GANTT Chart, evaluating and approving Weekly Report, taking meeting notes, assigning the task distribution, reading Not so important papers, organizing google drive. | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) | Completed | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| #10.3 | Preparing individual progress report, Preparing first draft of final report, Preparing individual in-depth report (if any),Evaluating one team member’s individual progress and in-depth reports (if any),Reading Not so important papers. | Preparing individual progress report, Preparing first draft of final report,  Evaluating one team member’s individual progress report,  Reading Not so important papers. | [Avani Mundra](mailto:amudra@asu.edu) | Completed | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| #10.4 | Preparing individual progress report, Preparing first draft of final report, Preparing individual in-depth report (if any),Evaluating one team member’s individual progress and in-depth reports (if any),Reading Not so important papers. | Preparing individual progress report, Preparing first draft of final report,  Evaluating one team member’s individual progress report,  Reading Not so important papers. | [Justin Young](mailto:jtyoun15@asu.edu) | Completed | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| #10.5 | Preparing individual progress report, Preparing weekly report, Preparing first draft of final report,  Evaluating one team member’s individual progress and in-depth reports(if any),  Reading Not so important papers | Preparing individual progress report, Preparing weekly report, Preparing first draft of final report,  Evaluating one team member’s individual progress and in-depth reports,  Reading Not so important papers | [Anuranjan Dubey](mailto:adubey37@asu.edu) | Completed | [Krupaben Kothadia](mailto:kkothadi@asu.edu) |
| #10.6 | Preparing individual progress report, Preparing first draft of final report, Preparing individual in-depth report (if any),Evaluating one team member’s individual progress and in-depth reports (if any),Reading Not so important papers. | Preparing first draft of final report,  Preparing individual progress report,  Preparing individual in-depth report,  Evaluating one team member’s individual progress report,  Reading Not so important papers. | [Rahul Nayak](mailto:rrnayak@asu.edu) | Completed | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| #10.7 | Preparing individual progress report, Preparing weekly report, Preparing first draft of final report, Evaluating one team member’s individual progress and in-depth reports (if any),Reading Not so important papers. | Preparing individual progress report, Preparing weekly report, Preparing first draft of final report, Evaluating one team member’s individual progress, Reading Not so important papers. | [Sangeeth Santhosh](mailto:ssantho9@asu.edu) | Completed | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |
| #10.8 | Preparing Gantt Chart,Preparing individual progress report, Preparing first draft of final report, Preparing individual in-depth report (if any),Evaluating one team member’s individual progress and in-depth reports (if any),Reading Not so important papers. | Preparing Gantt Chart, Preparing first draft of final report, Preparing individual progress report,Evaluating one team member’s individual progress report,Reading Not so important papers. | [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu) | Completed | [Gautham Vijayaraj](mailto:gvijaya6@asu.edu) |

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## Gantt chart

**Link to the gantt chart:** [Gantt Chart Group 1\_5.xlsx](https://docs.google.com/spreadsheets/d/1cAKP9ldqAYZtitmVd9F5_5dyvGW8iE5h/edit?usp=drive_link&ouid=101870164252766530632&rtpof=true&sd=true)

**Gantt chart updated by**: [Yeshwanth Reddy Chennur](mailto:ychennur@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.