The Future of Crime Prevention: Police Case Analysis Using Machine Learning

(*Clustering crimes against women and crime forecasting prediction*)

Project ID
2023-224

Log Book

Anubama.L- IT20068196

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Co-Supervisor: Ms. Sanjeevi Chandrasiri

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Sri Lanka

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Table of Contents

1. **Summary of Group Meetings 3**
2. **WhatsApp discussions with group members 15**
3. **WhatsApp discussions with supervisors 18**
4. **MS Teams discussions with group members 21**
5. **MS Teams discussions with Supervisor 23**
6. **RP paper discussion with Supervisor 25**
7. **PP2 Discussions 26**
8. **Git Details and Commits 27**

1. Summary of Daily Group Meetings

Date	Time	Platform	Anubama.L	Discussions	Conclusions
2022-11-15	4:30 PM	MS Teams	Present	Diverse ideas were generated and discussed in Brainstorming workshop.	Gained knowledge regarding the research.
2022-11-16	8:00 PM	MS Teams	Present	Component separation, supervisor selection	Chosen topic 1 as the priority ideaStarted working on component separation
2022-11-22	1:00 PM	MS Teams	Present	Complete the supervisory record. Forward a mail to the supervisor. prompt and informative in regards to Journal task distribution	
2022-11-23	10:30 AM	MS Teams	Present	Notifying beforehand of attendance. Time of meeting.	
2022-11-29	10:00 AM	MS Teams	Present	Determine distinctive research elements Assign sections.	Decided to research about eachsections.
2022-12-01	10:30 AM	MS Teams	Present	Research component search progress Supervisor issue	Decided to mail the Supervisor for a meet this week.
2022-12-02	10:30 AM	MS Teams	Present	New division of components. Assignment of components. Classes System Diagram. Time allotted for submitting the title submission form	Decided to send a mail to supervisor requesting a meeting.
2022-12-02	5:00 PM	MS Teams	Present	Mail sent Tasks identified	
2022-12-05	10:30 AM	MS Teams	Present	Tasks identified Supervisor status. Form submissions	Decided to send the supervisor a follow-up email regarding topic selection, co-supervisor, and supervision. Decided to start holding meetings on a regular basis.

2022-12-06	10:30 AM	MS Teams	Present	Supervisor issue Dataset issue Sending a third mail	Decided to finalize supervisor.
2022-12-06	9:00 PM	MS Teams	Present	Data and Topic issue Send mail to Hansika and Sanji miss	Sent mails to supervisors.
2022-12-10	10:30 AM	MS Teams	Present	Updates on mails Data science technologies	
2022-12-11	9:00 PM	MS Teams	Present	Choice of Topic Choosing a co-supervisor Ingredients Interactions with the supervisor (eg:- teams)	Find additional components that are pertinent to this topic idea. Find a more creative concept.
2022-12-12	10:30 AM	MS Teams	Present	New idea formation. Additional resources for the initial concept	Opted to forward new idea documents to the supervisor.
2022-12-12	10:30 AM	MS Teams	Present	Adding new components to the new idea.	Sent a request to HansiMadam.
2022-12-12	8:00 PM	MS Teams	Present	Setting up a new meeting with the supervisor.	Wait for co-supervisor meeting
2022-12-13	8:00 PM	MS Teams	Present	Novel/new concepts Viability of the concepts Questions to put to supervisor/co-supervisor.	Opted to request a timetable from the co-supervisor/supervisor.
2022-12-14	10:30 AM	MS Teams	Present	What to talk about with supervisor/co-supervisor Any new ideas	Go with the second idea
2022-12-14	8:00 PM	MS Teams	Present	Determine subjects Name of product.	
2022-12-16	10:00 AM	Google form	Present	Group Registration	
2023-01-10	10:30AM	MS Teams	Present	Forming topic Submitting the topic	
2023-01-13	8:00 PM	MS Teams	Present	Review of the literature review aspect.	No meeting on Monday morning.

2023-01-16	8:00 PM	MS Teams	Present	Task allocation New idea finding	
2023-01-20	8:00 PM	MS Teams	Present	New ideas TAF rewrite Supervisor contact	Look for a relevant component for Anubama.
2023-01-20	10:00AM	MS Teams	Present	Topic Evaluation	
2023-01-21	8:00 PM	MS Teams	Present	Progress status	Proceed with the planned course of action
2023-01-27	8:00PM	MS Teams	Present	Progress status	Proceed with the planned course of action.
2023-01-28	10:00AM	MS Teams	Present	Project Charter discussions	Discussed and concluded Project charter.
2023-01-30	10:00AM		Present	Project Charter submission	
2023-02-07	19:00PM	MS Teams	Present	Proposal report draft	Proceed with the planned course of action.
2023-02-12	19:00 PM	MS Teams	Present	Proposal report draft	
2023-02-15	19:00 PM	MS Teams	Present	Proposal report draft	Proceed with the planned course of action.
2023-02-16	19:00 PM	MS Teams	Present	Proposal report draft	Proceed with the planned course of action.
2023-02-17	19:00 PM	MS Teams	Present	Progress status	Proceed with the planned course of action.
2023-02-19	19:00 PM	MS Teams	Present	Progress status	Proceed with the planned course of action.
2023-02-22	19:00 PM	MS Teams	Present	Progress status	Proceed with the planned course of action.
2023-02-23	19:00 PM	MS Teams	Present	Progress status	Proceed with the planned course of action.
2023-02-24	19:00 PM	MS Teams	Present	Progress status	Proceed with the planned course of action.
2023-02-26	19:00 PM	MS Teams	Present	Progress status	Proceed with the planned course of action.
2023-02-26	19:00 PM	MS Teams	Present	Progress status	
2023-02-27	19:00 PM	MS Teams	Present	Progress status	Proceed with the planned course of action.
2023-02-28	19:00 PM	MS Teams	Present	Cancelled due to connection issue	
2023-03-03	9.00PM	MS Teams	Present	Proposal report draft	Forward with the scheduled plan
2023-03-12	9:00PM	MS Teams	Present	Proposal report draft	

2023-03-15	9:00PM	MS Teams	Present	Proposal report draft	Go Forward with the scheduled plan
2023-03-16	9:00PM	MS Teams	Present	Proposal report draft	Go Forward with the scheduled plan
2023-03-17	9:00PM	MS Teams	Present	Proposal report draft	Go Forward with the scheduled plan
2023-03-19	19:00	MS Teams	Present	Proposal report draft	Go Forward with the scheduled plan
2023-03-21	19:00	MS Teams	Present	Proposal report draft	
2023-03-22	19:00	MS Teams	Present	Proposal report draft	Go Forward with the scheduled plan
2023-03-23	19:00	MS Teams	Present	Working on Proposal Presentation	Go Forward with the scheduled plan
2023-03-24	19:00	MS Teams	Present	Working on Proposal Presentation	Go Forward with the scheduled plan
2023-03-26	19:00	MS Teams	Present	Working on Proposal Presentation	Go Forward with the scheduled plan
2023-03-29	19:00	MS Teams	Present	Worked on Coding	
2023-03-30	19:00	MS Teams	Present	Worked on Coding	Go Forward with the scheduled plan
2023-03-31	19:00	MS Teams	Present	Worked on Coding	
2023-04-02	19:00	MS Teams	Present	Worked on Coding	
2023-04-05	19:00	MS Teams	Present	Worked on Coding	Go Forward with the scheduled plan
		MS			Go Forward with the

2023-04-06	19:00	Teams	Present	Worked on Coding	scheduled plan
2023-04-07	19:00	MS Teams	Present	Worked on Coding	
2023-04-09	19:00	MS Teams	Present	Worked on Coding	Go Forward with the scheduled plan
2023-04-12	19:00	MS Teams	Present	Worked on Coding	
2023-04-13	19:00	MS Teams	Present	Worked on Coding	Go Forward with the scheduled plan
2023-04-14	19:00	MS Teams	Present	Cancelled due to New year	
2023-04-16	19:00	MS Teams	Present	Worked on Coding	Go Forward with the scheduled plan
2023-04-19	19:00	MS Teams	Present	Worked on Coding	Go Forward with the scheduled plan
2023-04-20	19:00	MS Teams	Present	Final proposal report	Go Forward with the scheduled plan
2023-04-21	19:00	MS Teams	Present	Final proposal report	Go Forward with the scheduled plan
2023-04-23	19:00	MS Teams	Present	Final proposal report	Go Forward with the scheduled plan
2023-04-26	19:00	MS Teams	Present	Progress status, PP1 Marking Rubric discussion	Go Forward with the scheduled plan
2023-04-27	7:00 PM	MS Teams	Present	Progress status, meeting journal	Do the changes discussed
2023-04-28	7:00 PM	MS Teams	Present	Progress status	Do the changes discussed
		MS			Do the changes discussed

2023-05-03	7:00 PM	Teams	Present	Progress status	
2023-05-04	7:00 PM	MS Teams	Present	50% Progress status for PP1, PP1 Marking Rubric discussion, PP1 Slides Preparation	Go Forward with the plan
2023-05-05	7:00 PM	MS Teams	Present	50% Progress status for PP1, PP1 Marking Rubric discussion, PP1 Slides Preparation	Go Forward with the plan
2023-05-07	7:00 PM	MS Teams	Present	50% Progress status for PP1, PP1 Marking Rubric discussion, PP1 Slides Preparation	Go Forward with the plan
2023-05-10	7:00 PM	MS Teams	Present	50% Progress status for PP1, PP1 Marking Rubric discussion, PP1 Slides Preparation	Go Forward with the plan
2023-05-11	7:00 PM	MS Teams	Present	50% Progress status for PP1, PP1 Marking Rubric discussion, PP1 Slides Preparation	Go Forward with the plan
2023-05-12	7:00 PM	MS Teams	Present	50% Progress status for PP1, PP1 Marking Rubric discussion, PP1 Slides Preparation	Go Forward with the plan
2023-05-14	7:00 PM	MS Teams	Present	Progress status	Go Forward with the plan
2023-05-17	7:00 PM	MS Teams	Present	Progress status	Go Forward with the plan
2023-05-18	7:00 PM	MS Teams	Present	Progress status	Go Forward with the plan
2023-05-19	7:00 PM	MS Teams	Present	Progress status	Go Forward with the plan

2023-05-21	7:00 PM	MS Teams	Present	Discussion with the supervisor regarding the pp1 presentation slides	Make changed according to supervisor's comments
2023-05-24	7:00 PM	MS Teams	Present	Progress status	Go Forward with the plan
2023-05-25	7:00 PM	MS Teams	Present	Progress status	Go Forward with the scheduled plan
2023-05-26	7:00 PM	MS Teams	Present	Progress status	Go Forward with the scheduled plan
2023-05-28	7:00 PM	MS Teams	Present	Progress status	Go Forward with the scheduled plan
2023-05-31	7:00 PM	MS Teams	Present	Progress status	Go Forward with the scheduled plan
2023-06-02	5:00 PM	MS Teams	Present	Discussion about research paper references.	Starting research paper writing.
2023-06-04	6:00 PM	MS Teams	Present	Discussion about research paper references.	Research paper writing.
2023-06-10	6:30 PM	MS Teams	Present	Discussion about research paper and conferences	Research paper writing.
2023-06-15	7:15 PM	MS Teams	Present	Discussion about research paper context. Discussion with supervisor about the Doubts regarding the research paper.	Research paper writing, Do the changes that mentioned by theSupervisor
2023-06-19	5:00 PM	MS Teams	Present	Code implementation discussion, start research paper writing.	Research paper writing and Initiate software development.
2023-06-25	6:00 PM	MS Teams	Present	Code implementation discussion, Discussion about research paper and start research	Research paper writing and Initiate software development.

				paper writing.	
2023-06-29	7:00 PM	MS Teams	Present	Code implementation discussion, Discussion about researchpaper and conferences, Discussion with co supervisor about the conferences and research paper	Go forward with thescheduled plan, Do the changes thatmentioned by the Supervisor, Focus on the grammar and the research paper Standards.
2023-06-30	8:00 PM	MS Teams	Present	Code implementation discussion, Discussion about research paper and start researchpaper writing.	Research paper writing with the grammar and the research paper Standards checking and Initiate software development.
2023-07-03	7:30 PM	MS Teams	Present	Discussion about the Backend and Frontend development, got feedback about the research paper from Supervisor	Research paper writing and Initiate software development.
2023-07-05	5:00 PM	MS Teams	Present	Discussion about the Backend and Frontend development, research paper writing discussion.	Research paper writing and Initiate software development for backend.
2023-07-07	4:00 PM	MS Teams	Present	Begin Code implementation of backend, research paper writing discussion.	Go forward with thescheduled plan, Research paper writing and scripting for backend.
2023-07-13	8:00 PM	MS Teams	Present	Code implementation of backend, research paper writing discussion.	Research paper writing and Commence coding for backend.
2023-07-16	7:00 PM	MS Teams	Present	Code implementation of backend, research paper writing discussion.	Research paper writing and scripting for backend.
2023-07-19	4:30 PM	MS Teams	Present	Begin Code implementation of frontend, backend implementation, research paper writing discussion.	Research paper writing and Commence coding for frontend, scripting for backend.
2023-07-22	7:15 PM	MS Teams	Present	Code implementation of backend and frontend, research paper writing.	Go forward with the scheduled plan, Research paper writing and scripting for frontend and backend.
2023-07-24	5:00 PM	MS Teams	Present	Code implementation of backend and frontend, research paper writing.	Research paper writing and scripting for frontend and backend.
2023-07-27	6:00 PM	MS Teams	Present	Code implementation of backend and frontend, research paper writing.	Research paper writing and scripting for frontend and backend.

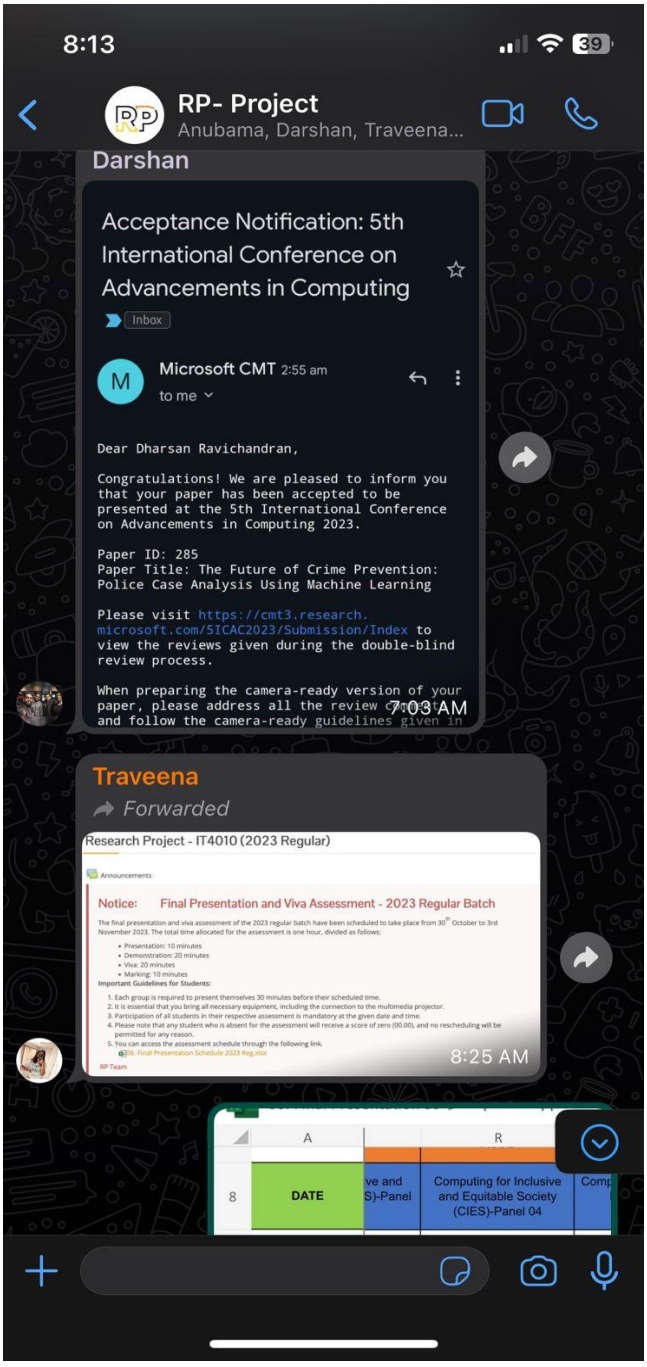
2023-07-30	7:00 PM	MS Teams	Present	Code implementation of backend and frontend, research paper writing.	Research paper writing and scripting for frontend and backend.
2023-08-01	5:00 PM	MS Teams	Present	Code implementation of backend and frontend, research paper writing.	Research paper writing and scripting for frontend and backend.
2023-08-04	6:00 PM	MS Teams	Present	Code implementation of backend and frontend, research paper writing. discussion with the supervisor to clear doubts.	Research paper writing and scripting for frontend and backend. Do the changes that mentioned by theSupervisor
2023-08-07	7:00 PM	MS Teams	Present	Individual component testing and research paper writing	Research paper writing and code testing.
2023-08-10	7:00 PM	MS Teams	Present	Confirm Individual component testing result changes and research paper writing	Research paper writing and code testing.
2023-08-12	12:00 PM	MS Teams	Present	System integration and research paper writing	Research paper writing and code testing.
2023-08-16	01:00 PM	MS Teams	Present	Start system integration testing and research paper draft finalizing.	Research paper writing and code testing.
2023-08-19	7:00 PM	MS Teams	Present	System integration testing changes update checking and research paper draft finalizing.	Research paper writing and code testing.
2023-08-22	4:00 PM	MS Teams	Present	System integration testing and changes update checking and research paper draft finalizing.	Research paper writing and code testing.
2023-08-24	8:00 PM	MS Teams	Present	system testing and research paper draft finalizing.	Finalizing Research paper writing and code testing.
2023-08-25	7:00 PM	MS Teams	Present	Finalizing system coding for the PP1 presentation.	Finalizing Research paper writing and code testing.
2023-08-29	8:00 PM	MS Teams	Present	Progress presentation 1 final checking	Progress presentation 1 finalization
2023-09-01	6:30 PM	MS Teams	Present	PP2 Discussions – Code Discussions. Regarding PP2 Slides Discussions regarding Status Document 2	Started to write status document 2
2023-09-02	10:30 AM	MS Teams	Present	Creating Slides for Each Member's Component,	Common slides are done

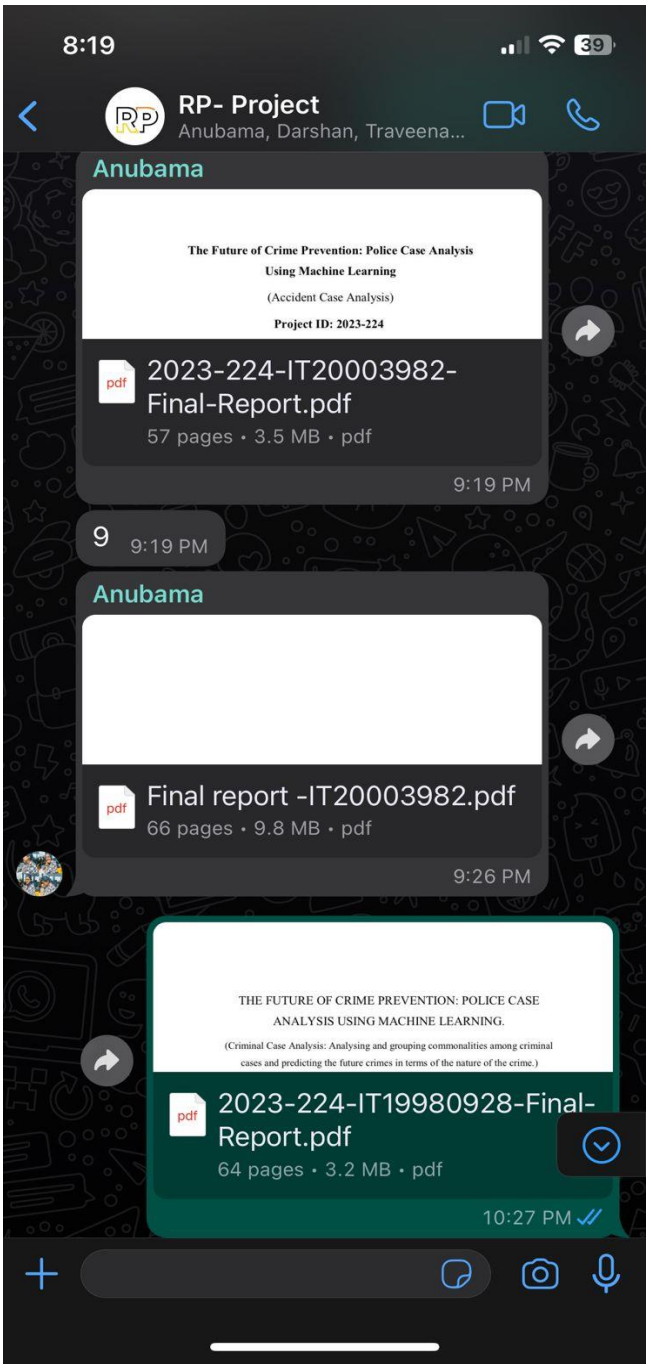
				and discussions regarding status document 2 progress	
2023-09-03	6:30 PM	MS Teams	Present	Checks PP2 Slides and Running the Web Application (Checking)	Application runs successfully. PP2 Slide need Improvements
2023-09-04	6:30 PM	MS Teams	Present	Discussing to finalize the PP2 Slides and Integrated code	Finalize the PP2 Slides and Integrated code
2023-09-05	6:30 PM	MS Teams	Present	Checking the PP2 code and slide. Preparation	Go forward with the plan
2023-09-06	6:30 PM	MS Teams	Present	Discussing regarding status document 2 submission, Discussions regarding Final Report(draft)	Status document 2 submitted
2023-09-07	6:30 PM	MS Teams	Present	Continuing the draft final report. And progress of the report	Modify the final report
2023-09-08	10:30 AM	MS Teams	Present	Individual Report Discussions (status update)	Go forward with the plan
2023-09-09	10:30 AM	MS Teams	Present	Individual Report, Group Report Discussions (status update)	Finalize the Report
2023-09-10	10:30 AM	MS Teams	Present	Report submission with group meeting	Submitted the final report in CDAP
2023-09-15	6:30 PM	MS Teams	Present	Discussions regarding remaining submissions in Research Project	Go forward with the plan
2023-09-17	6:30 PM	MS Teams	Present	Discussions regarding our project application and its functions	Go forward with the plan

2023-09-18	6:30 PM	MS Teams	Present	Discussing to publish the research paper in some other conferences/journals	Go forward with the plan
2023-09-19	6:30 PM	MS Teams	Present	Discussing to publish the research paper in some other conferences.	We have previously submitted our work in ICAC, and after careful consideration, we have concluded that there is no need to publish it on other platforms.
2023-09-22	6:30 PM	MS Teams	Present	Testing the application	Go forward with the plan
2023-09-23	6:30 PM	MS Teams	Present	Testing the application	Go forward with the plan
2023-09-25	6:30 PM	MS Teams	Present	Discussions about the dataset proof. (Meeting with Kurunegala DIG)	Go forward with the plan
2023-09-27	8:30 PM	MS Teams	Present	Addressing code errors with the team	Fixed the error
2023-09-29	7:30 PM	MS Teams	Present	Initiated work on the remaining 10% of the code and held discussions.	provided guidance to the team.
2023-10-01	6:30 PM	MS Teams	Present	Status Update	Go forward with the plan
2023-10-03	6:30 PM	MS Teams	Present	Discussions regarding logbook	Go forward with the plan
2023-10-05	6:30 PM	MS Teams	Present	Discussing dataset proof and remaining code.	Go forward with the plan
2023-10-07	6:30 PM	MS Teams	Present	Reviewing remaining issues in the app.	Go forward with the plan
2023-10-10	6:30 PM	MS Teams	Present	Reviewing remaining issues in the app.	Fixed the issues
2023-10-12	6:30 PM	MS Teams	Present	Meeting to address alterations made to the track name in the ICAC research paper submission.	Go forward with the plan
2023-10-14	6:30 PM	MS Teams	Present	Conversations concerning the acceptance email for the ICAC Research Paper.	Discussed Next Steps

2023-10-16	6:30 PM	MS Teams	Present	Conversations about the reviews of the ICAC research paper.	Acknowledged the reviews and modifications.
2023-10-18	6:30 PM	MS Teams	Present	Discussions regarding Final Viva and Code (Status Update)	Go forward with the plan
2023-10-19	6:30 PM	MS Teams	Present	Conversations about the PDF Express and Camera-Ready Submission	Understanding the next steps
2023-10-21	6:30 PM	MS Teams	Present	Do modifications in the Research Paper	Go forward with the plan
2023-10-23	6:30 PM	MS Teams	Present	Final Viva Code Integration testing	Code works well
2023-10-24	6:30 PM	MS Teams	Present	Final Viva Presentation Slides Preparation	Go forward with the plan
2023-10-25	6:30 PM	MS Teams	Present	Status update on slide and code	Go forward with the plan
2023-10-26	10:30 AM	MS Teams	Present	Discussions regarding research paper registration	Go forward with the plan
2023-10-27	10:30 AM	MS Teams	Present	Final Code Checking	Application works well
2023-10-28	10:30 AM	MS Teams	Present	Individual Component Discussions on Presentation Slides	Preparation for presentation
2023-10-29	6:30 PM	MS Teams	Present	Finalizing each member's logbooks	Logbooks are ready
2023-10-30	6:30 PM	MS Teams	Present	Final Viva Preparation and Q&A Readiness	Preparation Completed

2. WhatsApp Discussions with Group members





8:20
RP- Project
Anubama, Darshan, Traveena...
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Darshan
CrimeShield
ADD DATA
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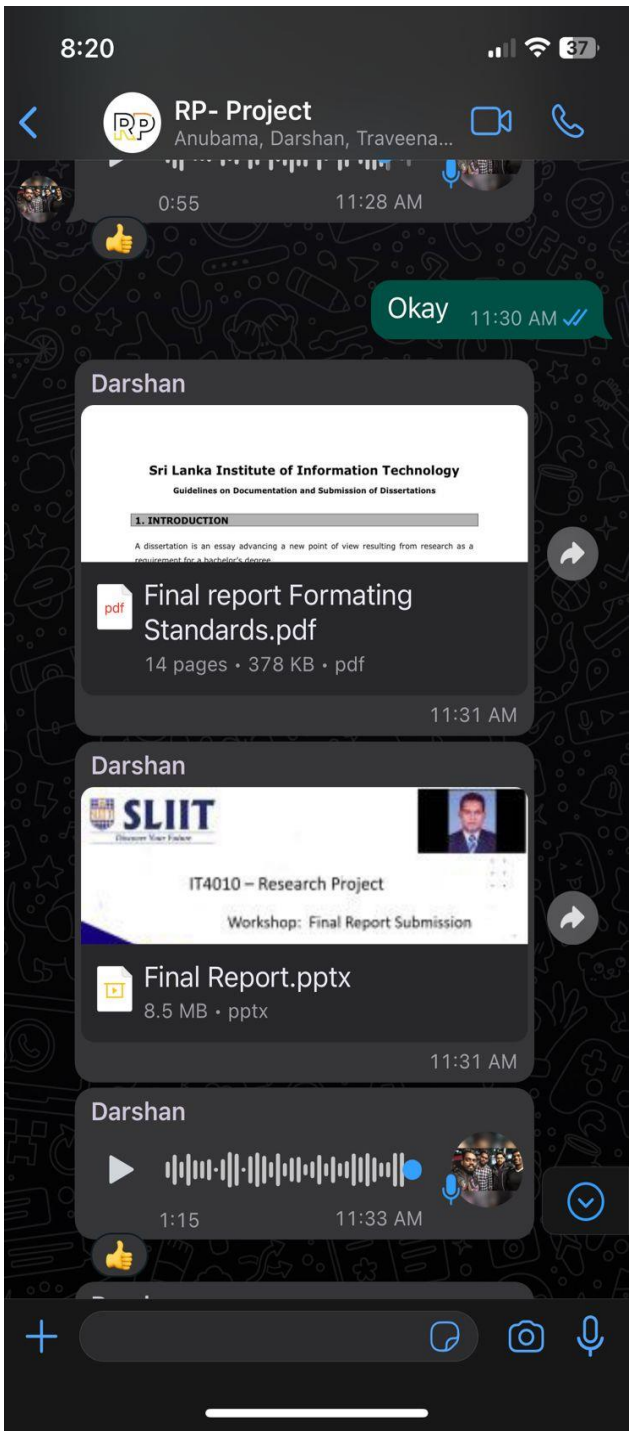
Darshan
CRIME SHIELD
The Future of Crime Prevention: Police Case Analysis Using Machine Learning


8:20
RP- Project
Anubama, Darshan, Traveena...
0:55
11:28 AM
Okay
11:30 AM
Darshan
Sri Lanka Institute of Information Technology
Guidelines on Documentation and Submission of Dissertations
1. INTRODUCTION
Final report Formating Standards.pdf
14 pages • 378 KB • pdf
11:31 AM
Darshan
SLIIT
IT4010 – Research Project
Workshop: Final Report Submission
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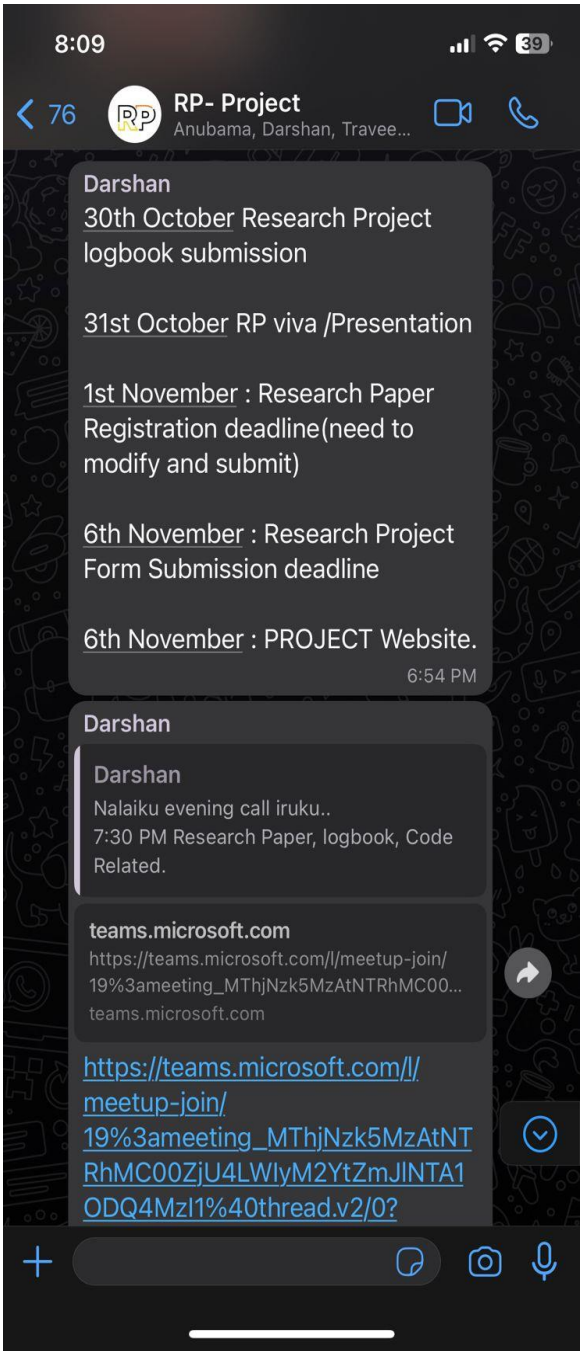
8:09
39
76
RP- Project
Anubama, Darshan, Travee...
Darshan
30th October Research Project logbook submission
31st October RP viva /Presentation
1st November : Research Paper Registration deadline(need to modify and submit)
6th November : Research Project Form Submission deadline
6th November : PROJECT Website.
6:54 PM
Darshan
Darshan
Nalaiku evening call iruku..
7:30 PM Research Paper, logbook, Code Related.
teams.microsoft.com
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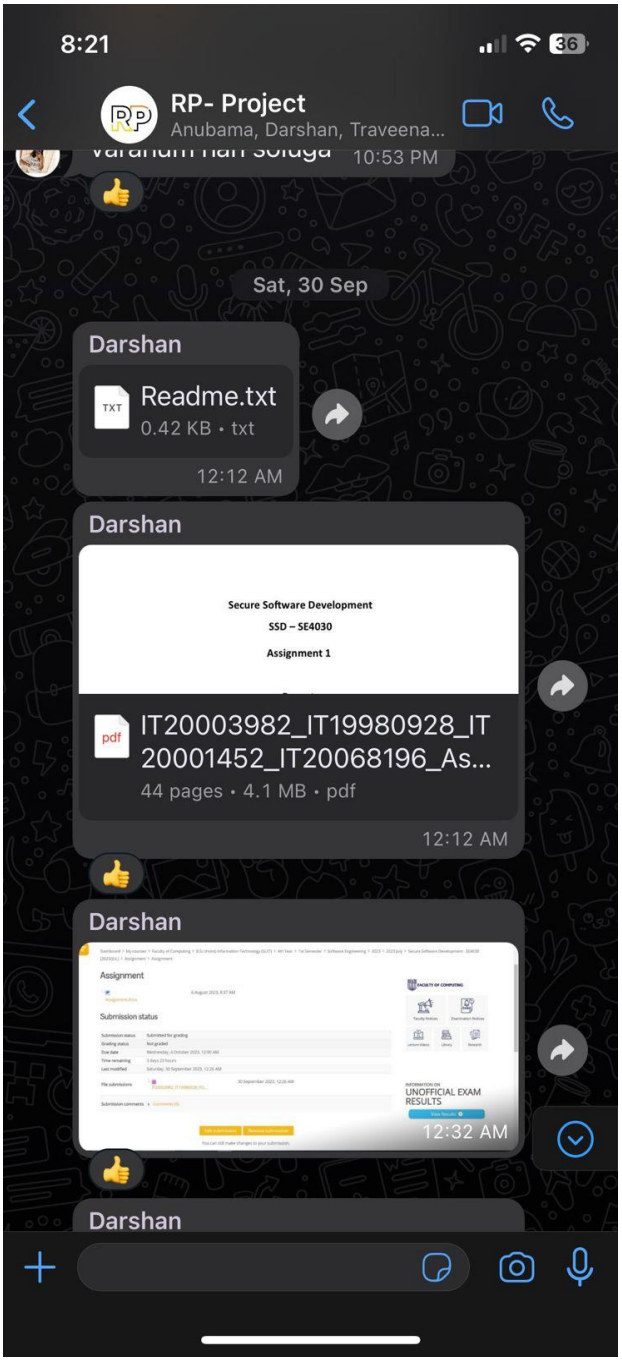
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36
RP- Project
Anubama, Darshan, Traveena...
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Sat, 30 Sep
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Darshan
Secure Software Development
SSD – SE4030
Assignment 1
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44 pages • 4.1 MB • pdf
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Darshan
Assignment
Submission status
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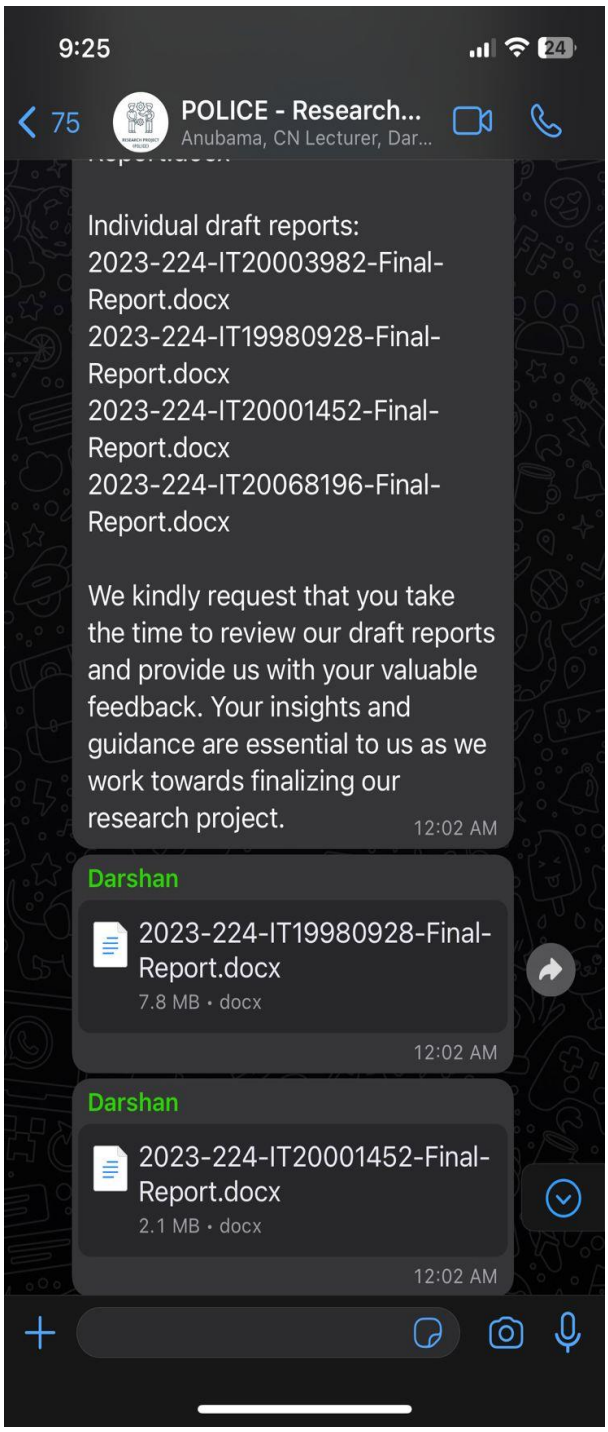
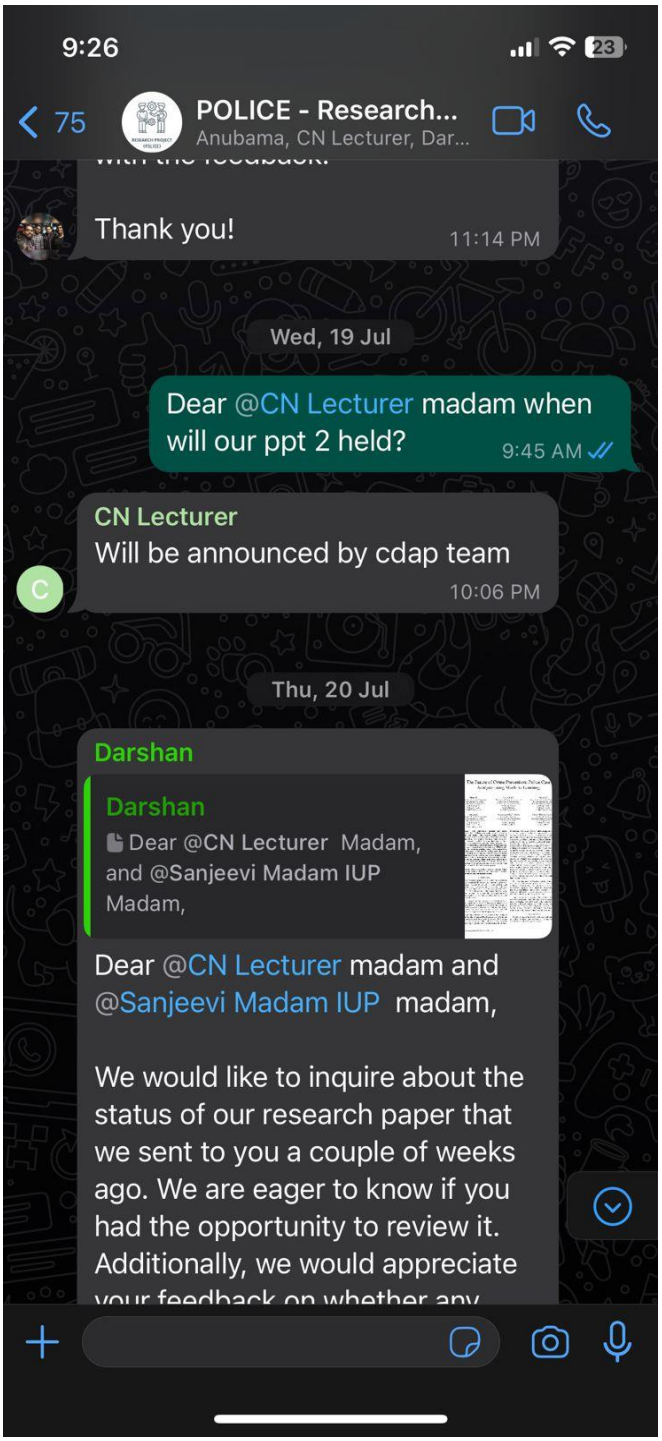
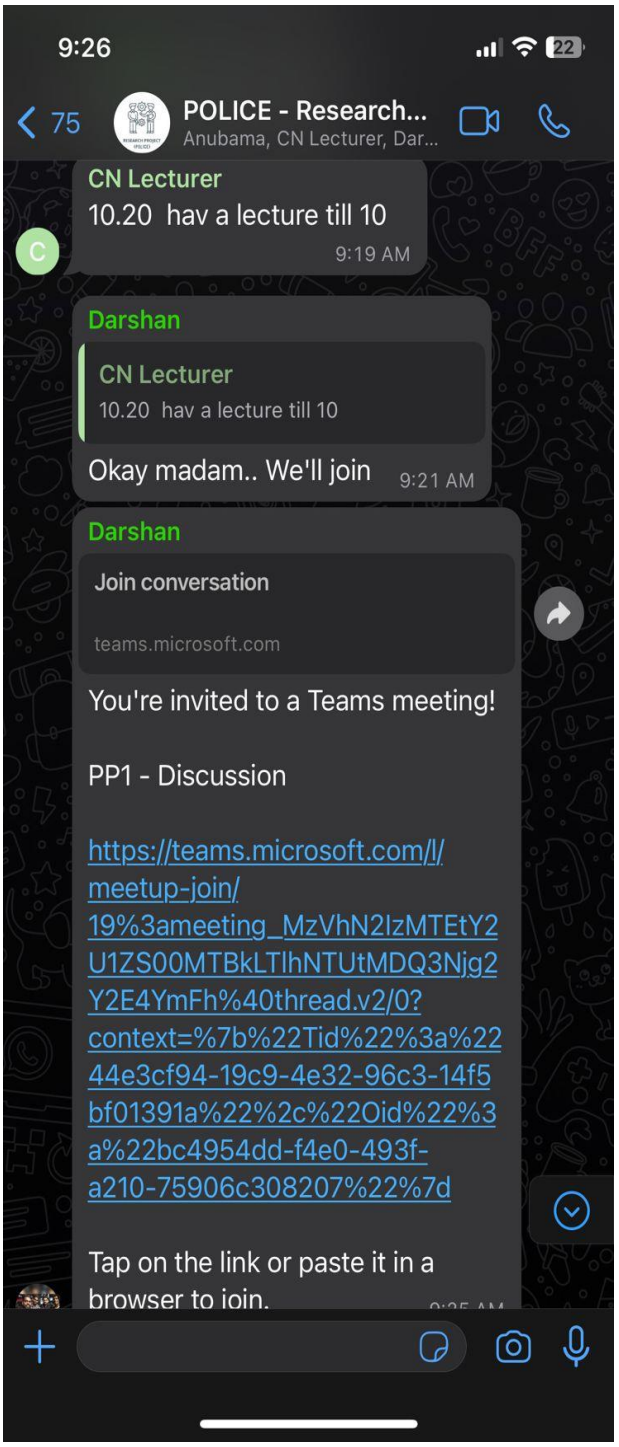
Darshan

3. WhatsApp Discussions with the Supervisor




9:26
75
POLICE - Research...
Anubama, CN Lecturer, Dar...
Thank you!
11:14 PM
Wed, 19 Jul
Dear @CN Lecturer madam when will our ppt 2 held?
9:45 AM
CN Lecturer
Will be announced by cdap team
10:06 PM
Thu, 20 Jul
Darshan
Darshan
Dear @CN Lecturer Madam, and @Sanjeevi Madam IUP Madam,
Dear @CN Lecturer madam and @Sanjeevi Madam IUP madam,
We would like to inquire about the status of our research paper that we sent to you a couple of weeks ago. We are eager to know if you had the opportunity to review it. Additionally, we would appreciate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POLICE - Research...
Anubama, CN Lecturer, Dar...
CN Lecturer
10.20 hav a lecture till 10
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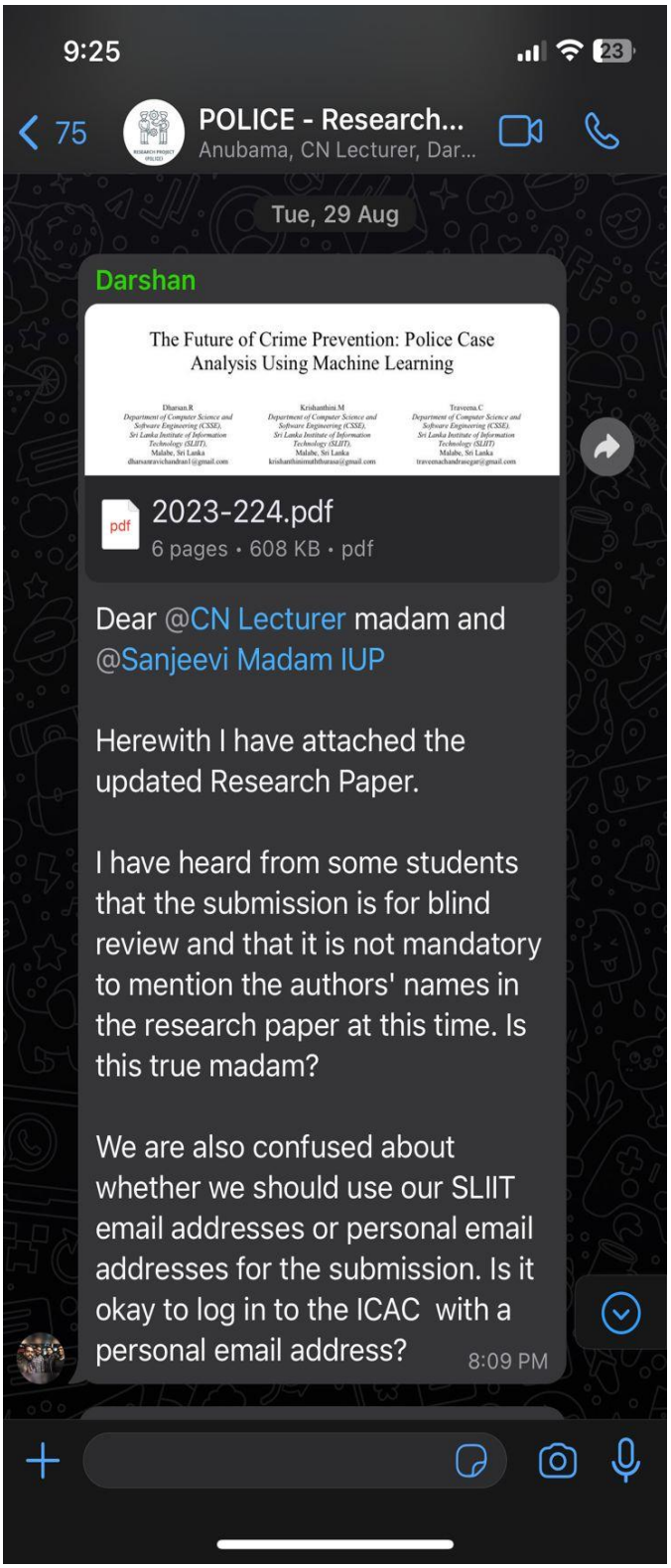
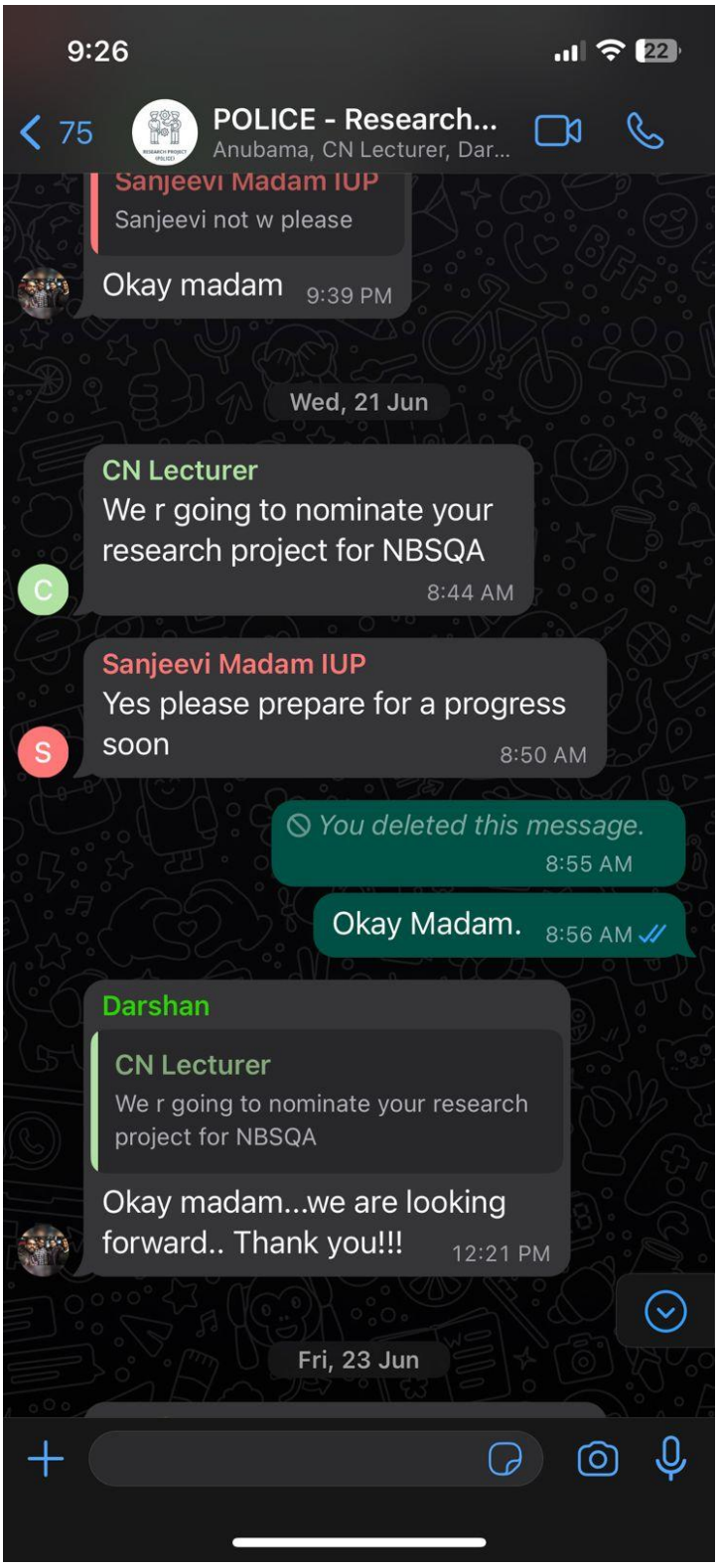
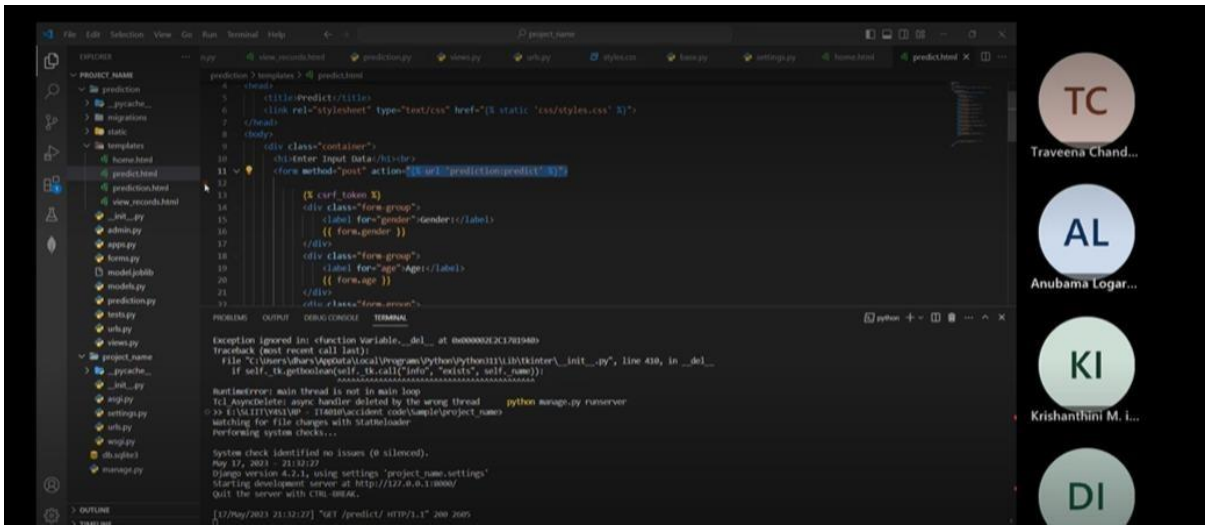
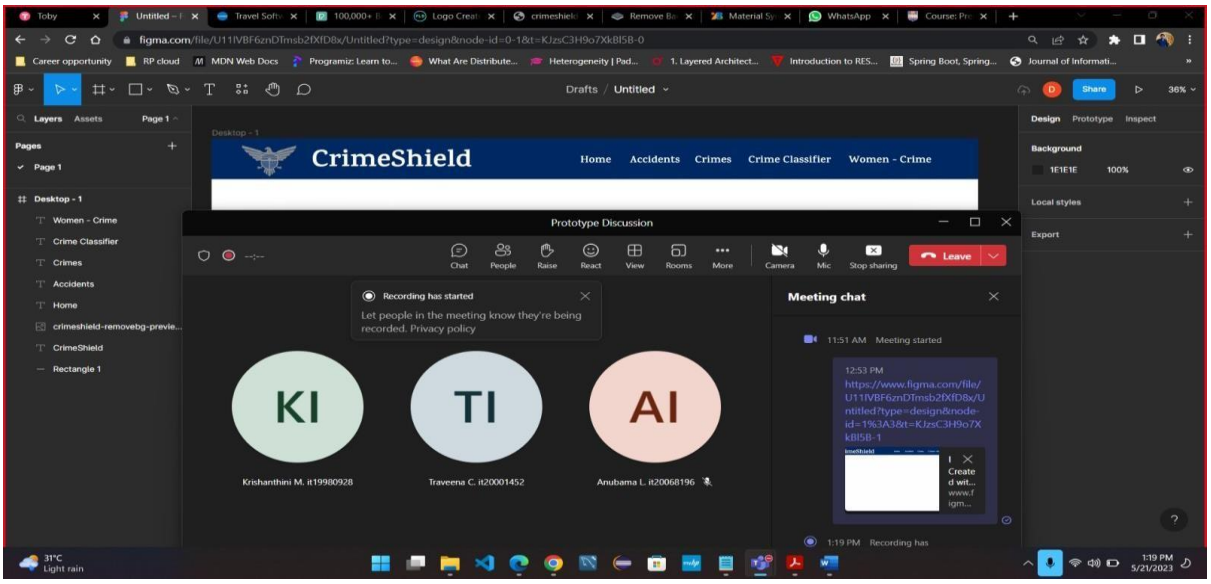
Darshan
CN Lecturer
10.20 hav a lecture till 10
Okay madam.. We'll join
9:21 AM
Darshan
Join conversation
teams.microsoft.com
You're invited to a Teams meeting!
PP1 - Discussion
https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzVhN2IzMTEtY2U1ZS00MTBkLTlhNTUtMDQ3Njg2Y2E4YmFh%40thread.v2/0?context=%7b%22Tid%22%3a%2244e3cf94-19c9-4e32-96c3-14f5bf01391a%22%2c%22Oid%22%3a%22bc4954dd-f4e0-493f-a210-75906c308207%22%7d
Tap on the link or paste it in a browser to join.

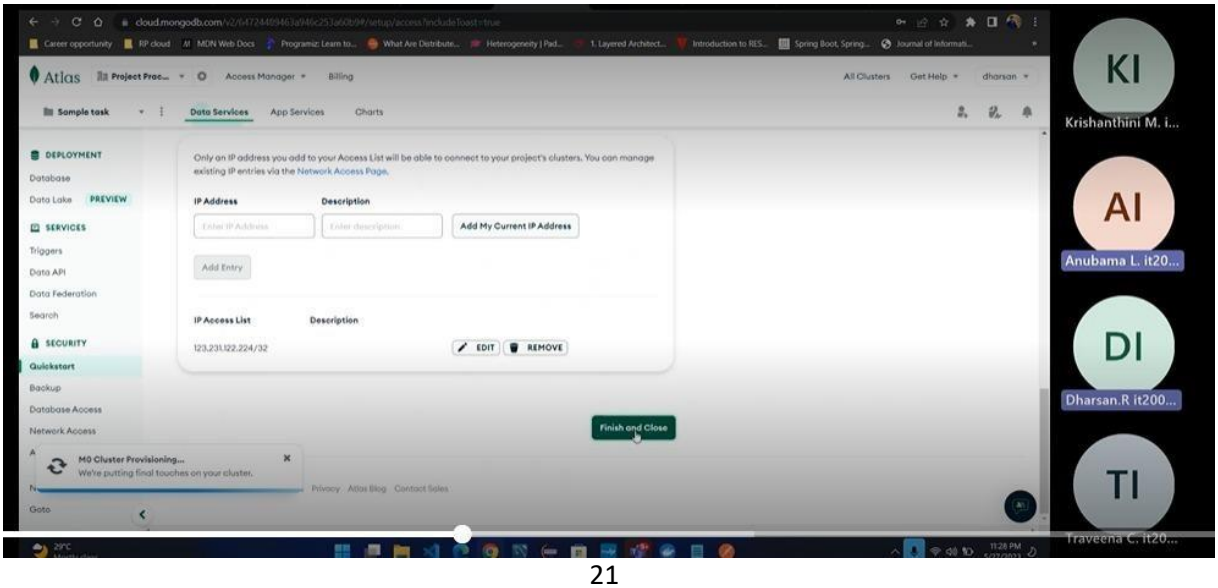

9:25
75
POLICE - Research...
Anubama, CN Lecturer, Dar...
Tue, 29 Aug
Darshan
The Future of Crime Prevention: Police Case Analysis Using Machine Learning
2023-224.pdf
6 pages • 608 KB • pdf
Dear @CN Lecturer madam and @Sanjeevi Madam IUP
Herewith I have attached the updated Research Paper.
I have heard from some students that the submission is for blind review and that it is not mandatory to mention the authors' names in the research paper at this time. Is this true madam?
We are also confused about whether we should use our SLIIT email addresses or personal email addresses for the submission. Is it okay to log in to the ICAC with a personal email address?
8:09 PM

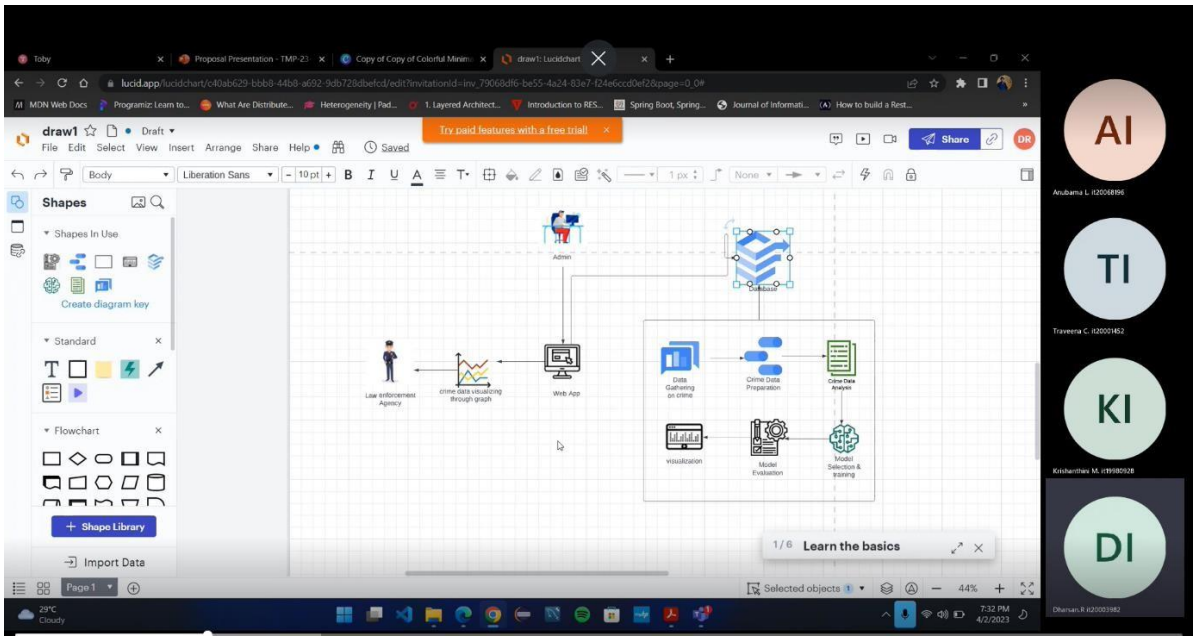

9:26
75
POLICE - Research...
Anubama, CN Lecturer, Dar...
Sanjeevi Madam IUP
Sanjeevi not w please
Okay madam 9:39 PM
Wed, 21 Jun
CN Lecturer
We r going to nominate your research project for NBSQA
8:44 AM
Sanjeevi Madam IUP
Yes please prepare for a progress soon
8:50 AM
You deleted this message.
8:55 AM
Okay Madam. 8:56 AM
Darshan
CN Lecturer
We r going to nominate your research project for NBSQA
Okay madam...we are looking forward.. Thank you!!!
12:21 PM
Fri, 23 Jun

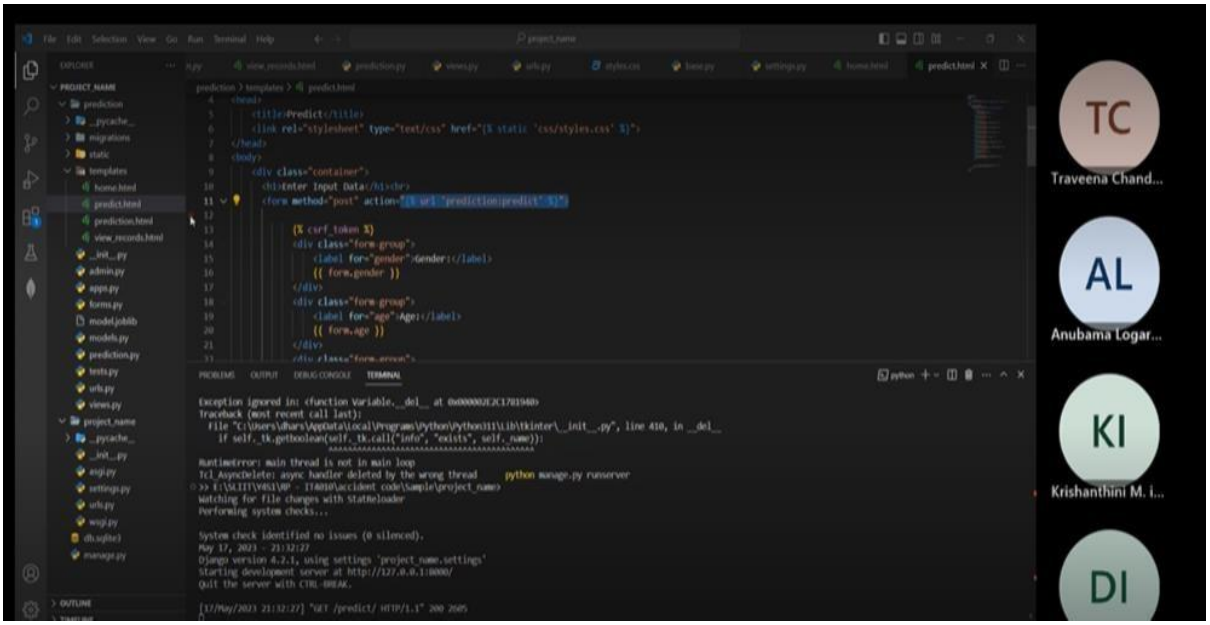
4. Ms Teams Discussions with Group members

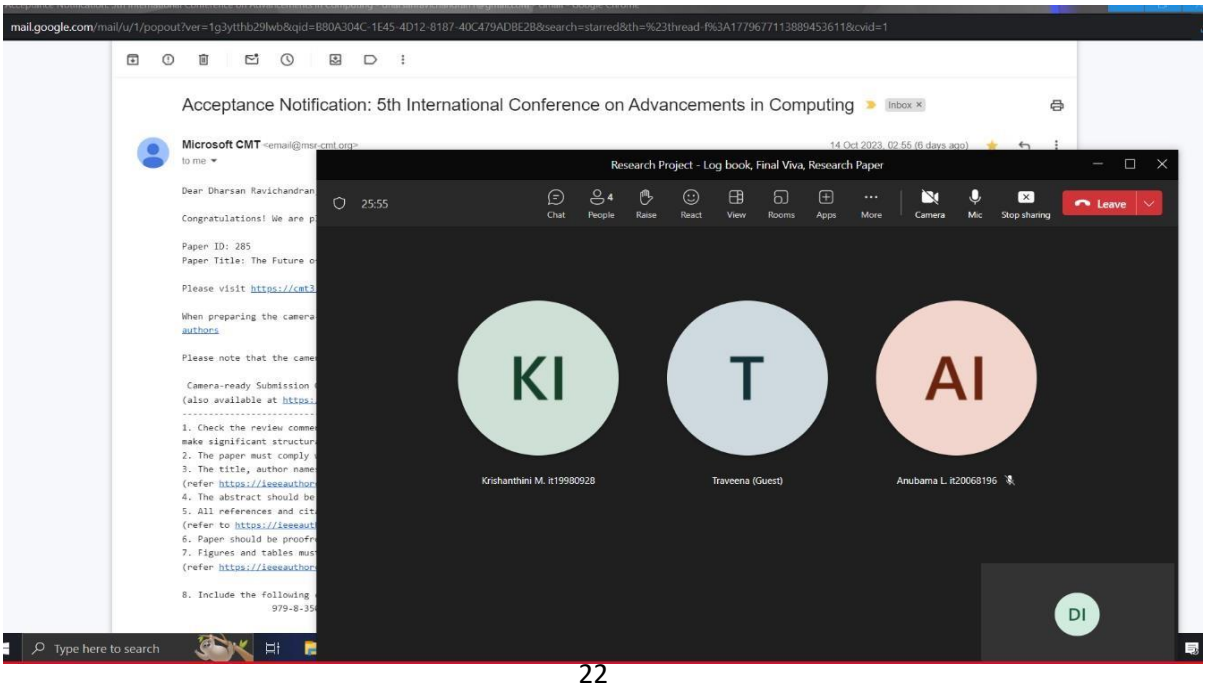




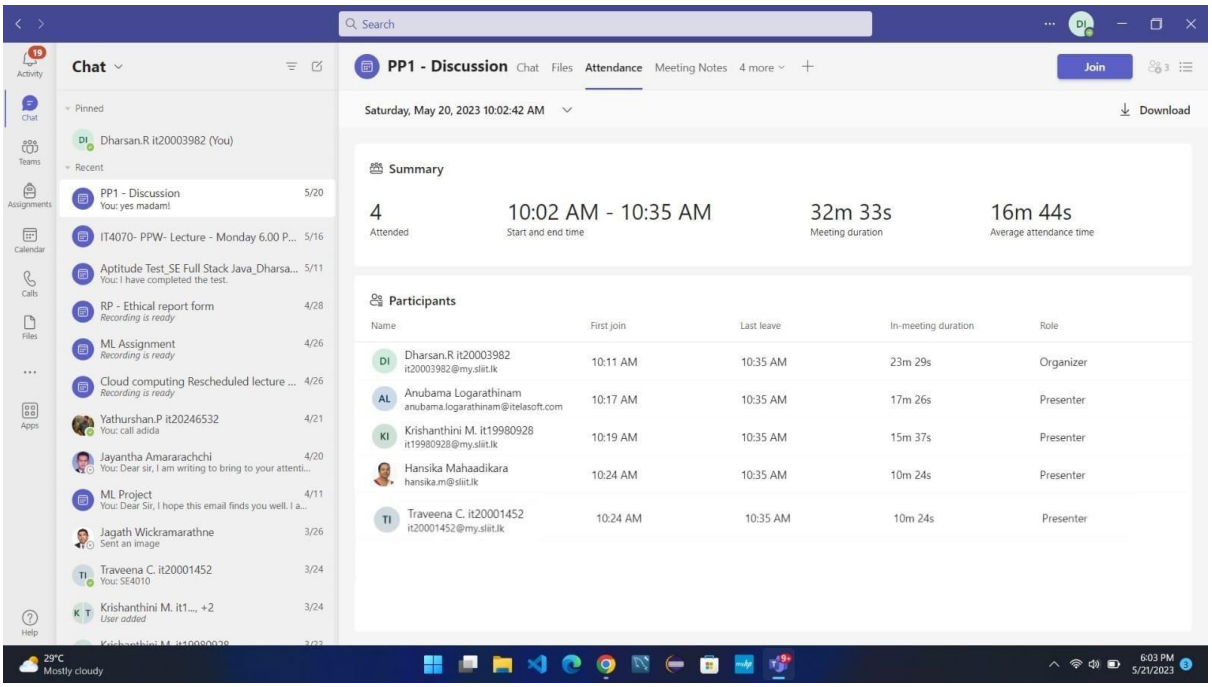


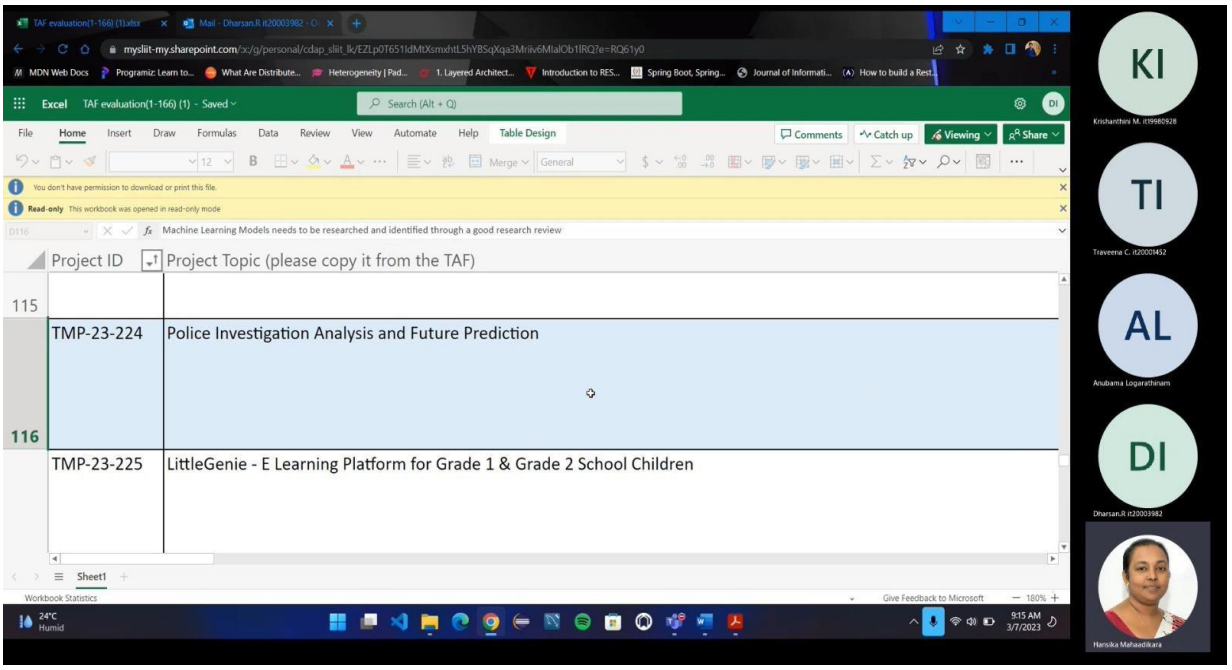

draw1
Shapes
Shape Library
Import Data
Learn the basics
AI
TI
KI
DI

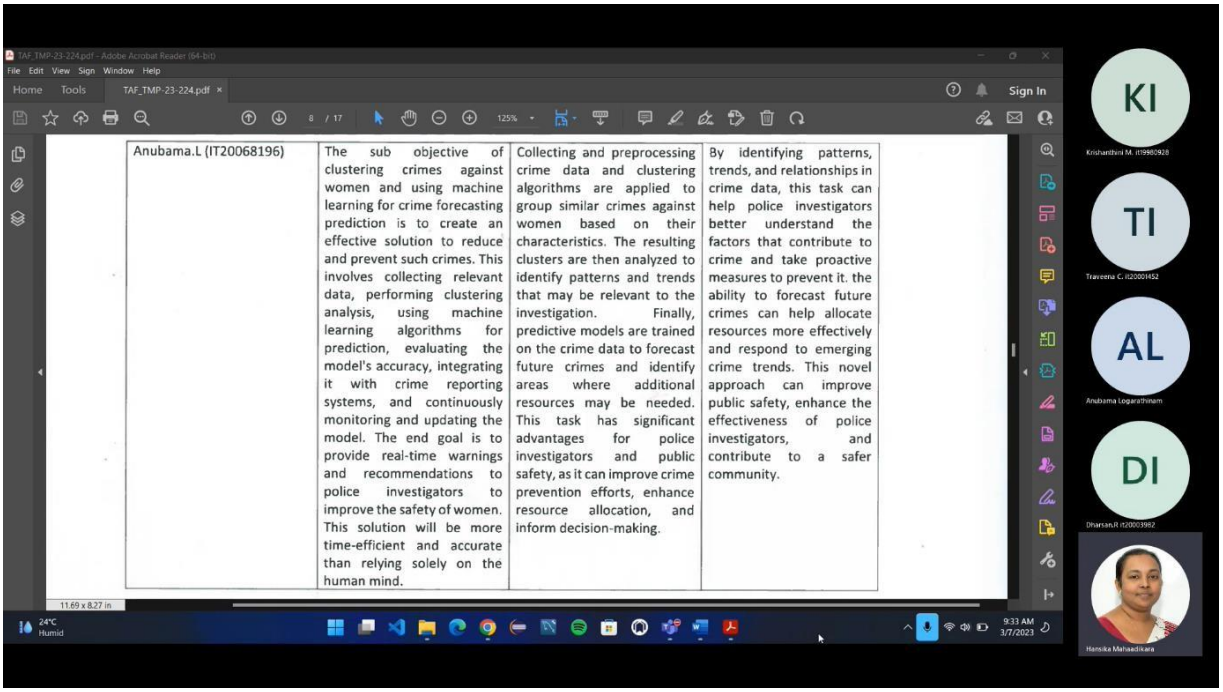

TC
Traveena Chand...
AL
Anubama Logar...
KI
Krishanthini M. i...
DI

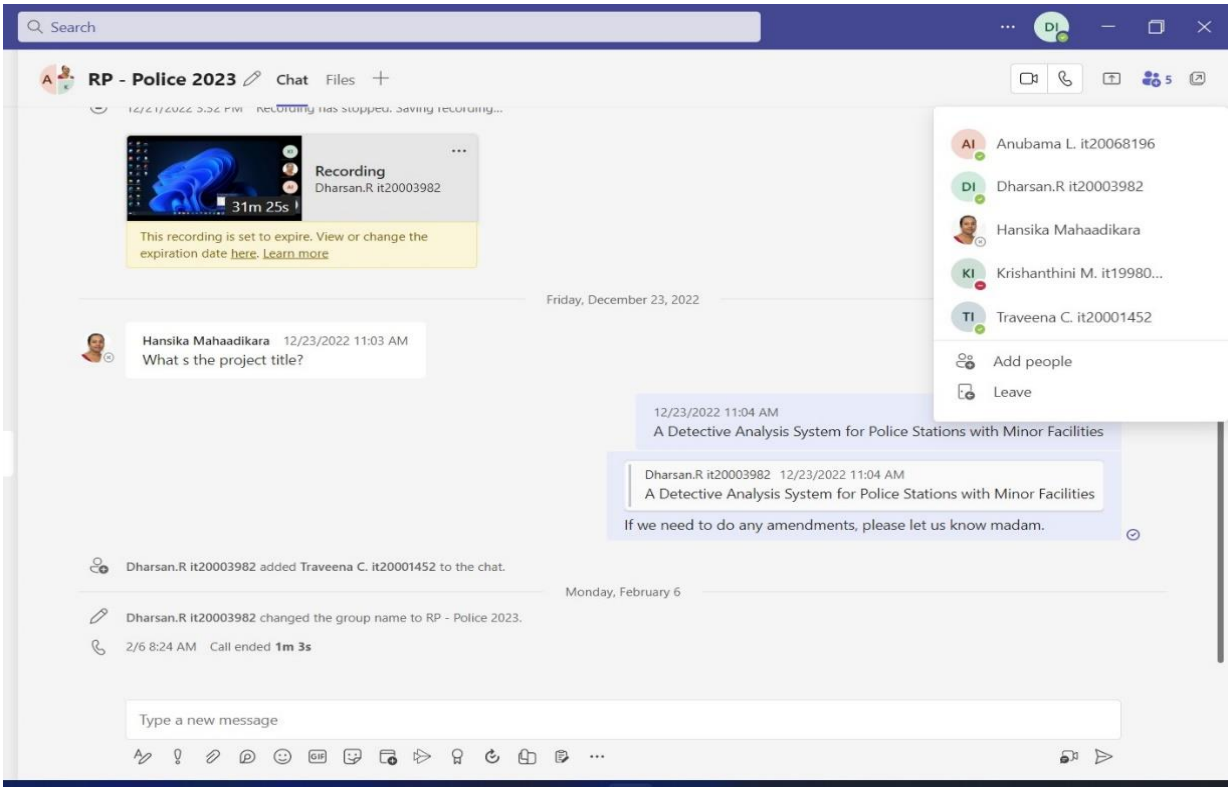

Acceptance Notification: 5th International Conference on Advancements in Computing
Microsoft CMT
Research Project - Log book, Final Viva, Research Paper
25:55
Chat
People
Raise
React
View
Rooms
Apps
More
Camera
Mic
Stop sharing
Leave
KI
T
AI
Krishanthini M. it19980928
Traveena (Guest)
Anubama L. it20068196
DI

5. Ms Teams Discussions with Supervisor

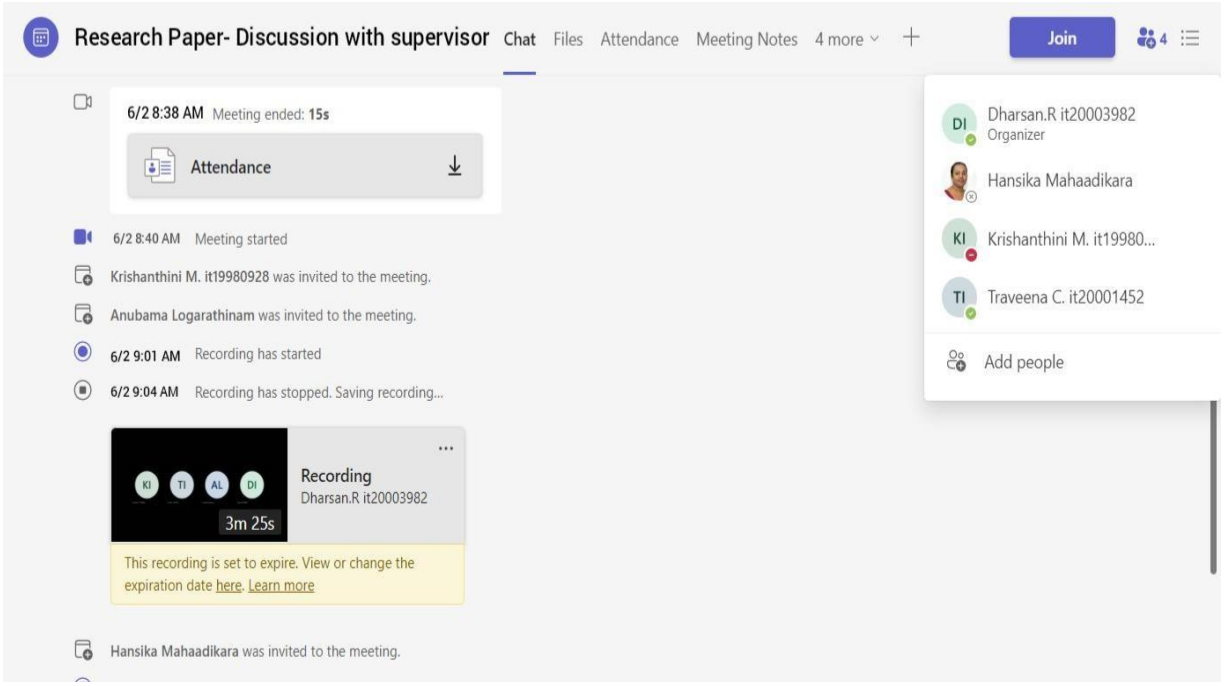




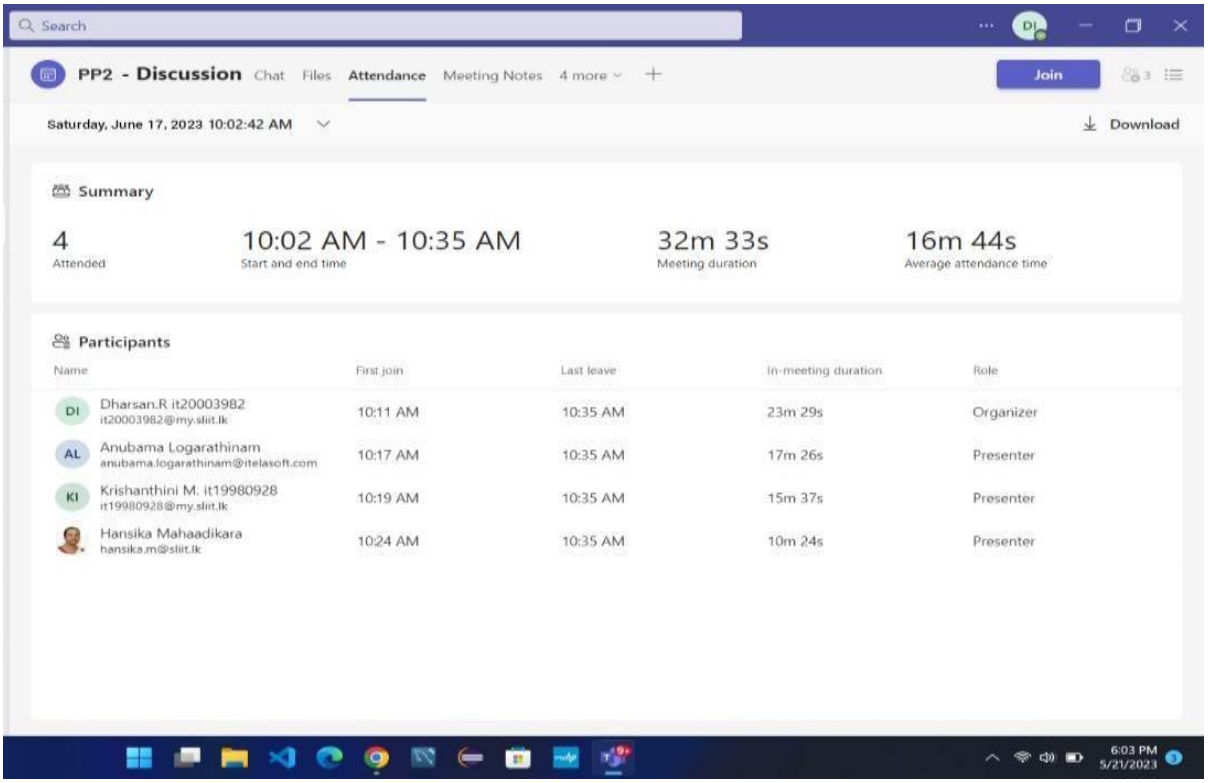

Anubama.L (IT20068196)
The sub objective of clustering crimes against women and using machine learning for crime forecasting prediction is to create an effective solution to reduce and prevent such crimes. This involves collecting relevant data, performing clustering analysis, using machine learning algorithms for prediction, evaluating the model's accuracy, integrating it with crime reporting systems, and continuously monitoring and updating the model. The end goal is to provide real-time warnings and recommendations to police investigators to improve the safety of women. This solution will be more time-efficient and accurate than relying solely on the human mind.
Collecting and preprocessing crime data and clustering algorithms are applied to group similar crimes against women based on their characteristics. The resulting clusters are then analyzed to identify patterns and trends that may be relevant to the investigation. Finally, predictive models are trained on the crime data to forecast future crimes and identify areas where additional resources may be needed. This task has significant advantages for police investigators and public safety, as it can improve crime prevention efforts, enhance resource allocation, and inform decision-making.
By identifying patterns, trends, and relationships in crime data, this task can help police investigators better understand the factors that contribute to crime and take proactive measures to prevent it. the ability to forecast future crimes can help allocate resources more effectively and respond to emerging crime trends. This novel approach can improve public safety, enhance the effectiveness of police investigators, and contribute to a safer community.
KI
TI
AL
DI


Search
RP - Police 2023
Chat
Files
Recording
Dharsan.R it20003982
31m 25s
This recording is set to expire. View or change the expiration date here. Learn more
Friday, December 23, 2022
Hansika Mahaadikara 12/23/2022 11:03 AM
What s the project title?
12/23/2022 11:04 AM
A Detective Analysis System for Police Stations with Minor Facilities
Dharsan.R it20003982 12/23/2022 11:04 AM
A Detective Analysis System for Police Stations with Minor Facilities
If we need to do any amendments, please let us know madam.
Dharsan.R it20003982 added Traveena C. it20001452 to the chat.
Monday, February 6
Dharsan.R it20003982 changed the group name to RP - Police 2023.
2/6 8:24 AM Call ended 1m 3s
Type a new message
Anubama L. it20068196
Dharsan.R it20003982
Hansika Mahaadikara
Krishanthini M. it19980...
Traveena C. it20001452
Add people
Leave

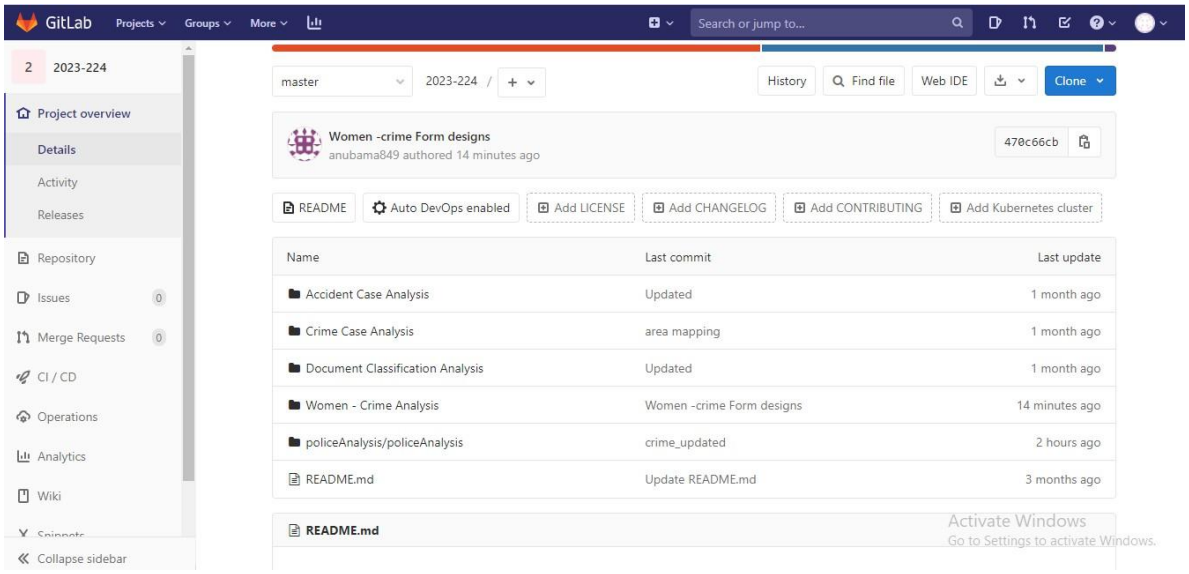
6. RP paper discussion with Supervisor

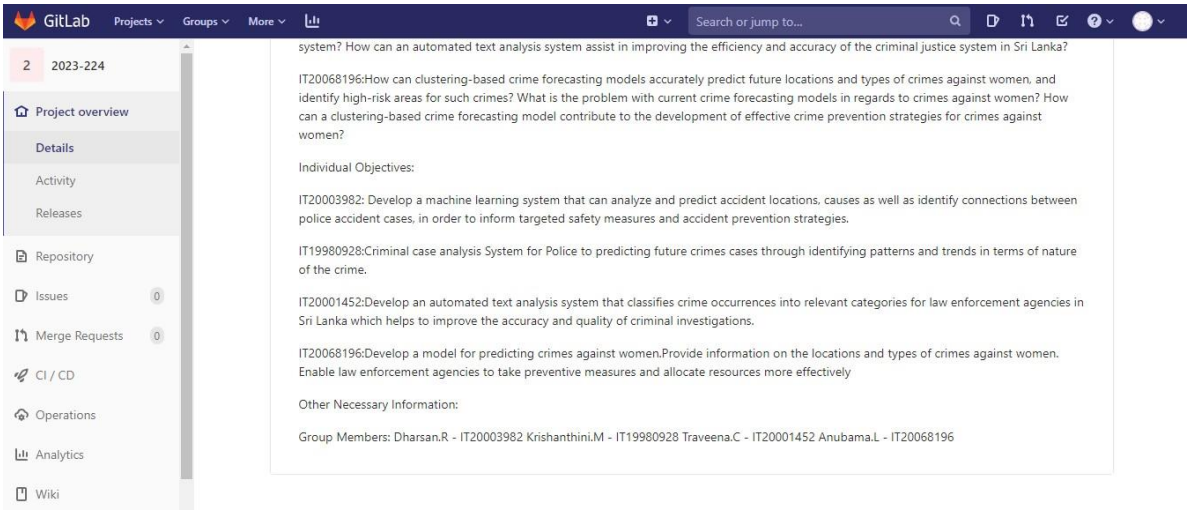


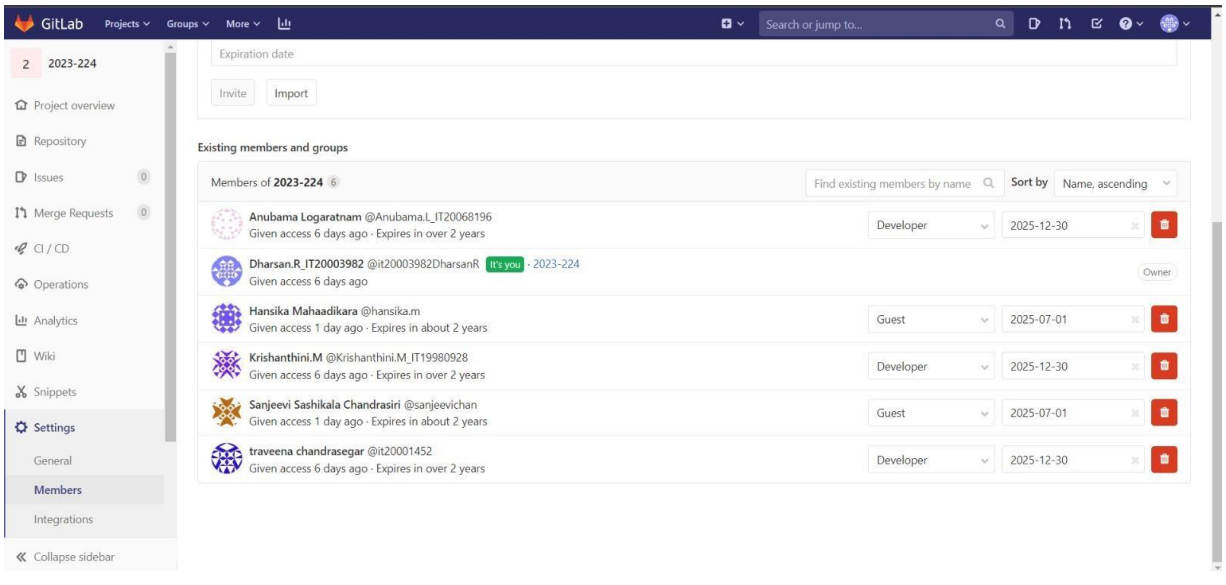
7. PP2 Discussions

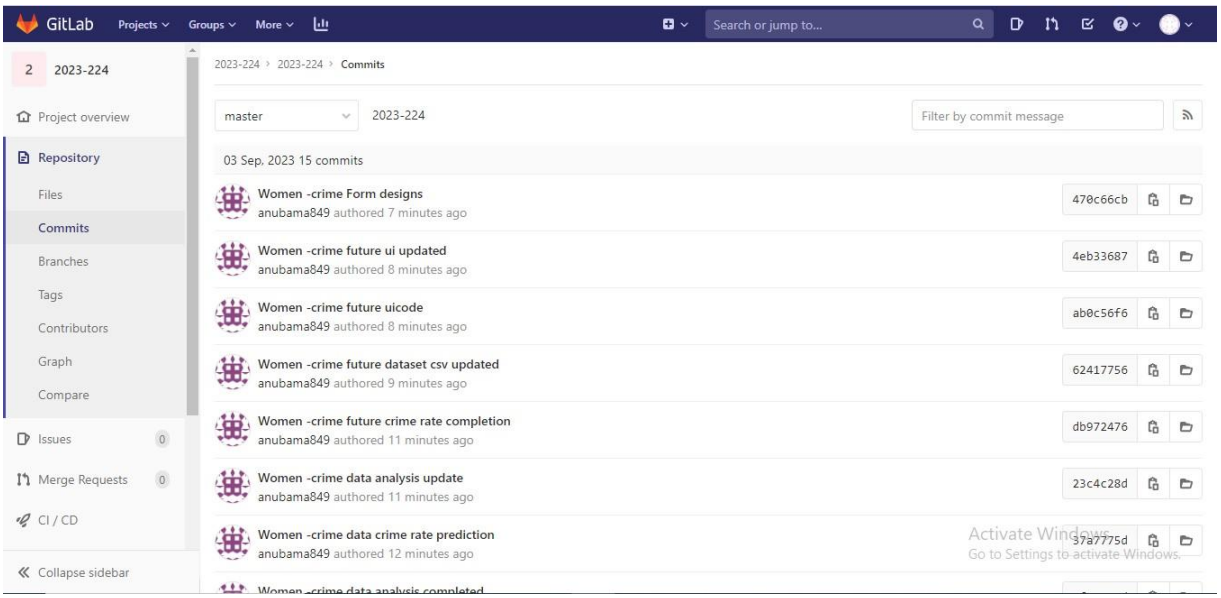


4. GitLab Details and commits








GitLab
Projects
Groups
More
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Project overview
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Merge Requests
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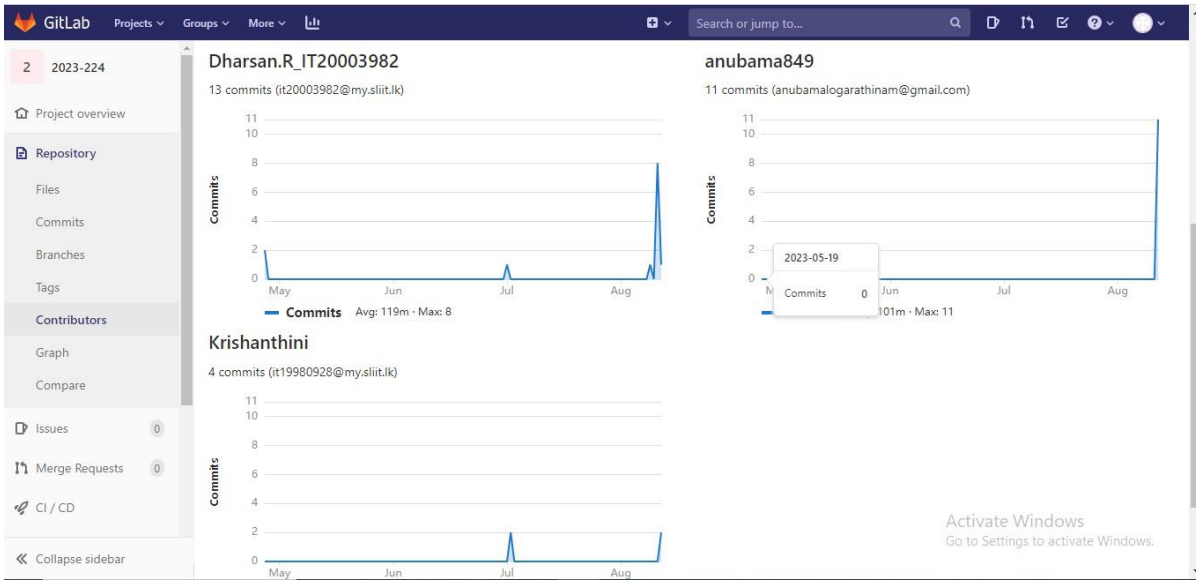
Collapse sidebar
2023-224 › 2023-224 › Commits
master
2023-224
Filter by commit message
03 Sep, 2023 15 commits
Women -crime Form designs
anubama849 authored 7 minutes ago
470c66cb
Women -crime future ui updated
anubama849 authored 8 minutes ago
4eb33687
Women -crime future uicode
anubama849 authored 8 minutes ago
ab0c56f6
Women -crime future dataset csv updated
anubama849 authored 9 minutes ago
62417756
Women -crime future crime rate completion
anubama849 authored 11 minutes ago
db972476
Women -crime data analysis update
anubama849 authored 11 minutes ago
23c4c28d
Women -crime data crime rate prediction
anubama849 authored 12 minutes ago
37a7775d
Activate Windows
Go to Settings to activate Windows.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Project overview
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Issues
Merge Requests
CI / CD
Collapse sidebar
Dharsan.R_IT20003982
13 commits (it20003982@my.sliit.lk)
Commits
May
Jun
Jul
Aug
Commits Avg: 119m · Max: 8
anubama849
11 commits (anubamalogarathinam@gmail.com)
2023-05-19
Commits 0
Krishanthini
4 commits (it19980928@my.sliit.lk)
Activate Windows
Go to Settings to activate Windows.