EMOTION RECOGNITION AND SENTIMENT ANALYSIS FOR RELATIONSHIP IMPROVEMENT.

TMP-2023-24-133

Status Document - 2

IT20648886 – N.K.A.S Dilshan

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Miss. Thilini Jayalath.

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Department of Computer Science

Sri Lanka Institute of Information Technology Sri Lanka

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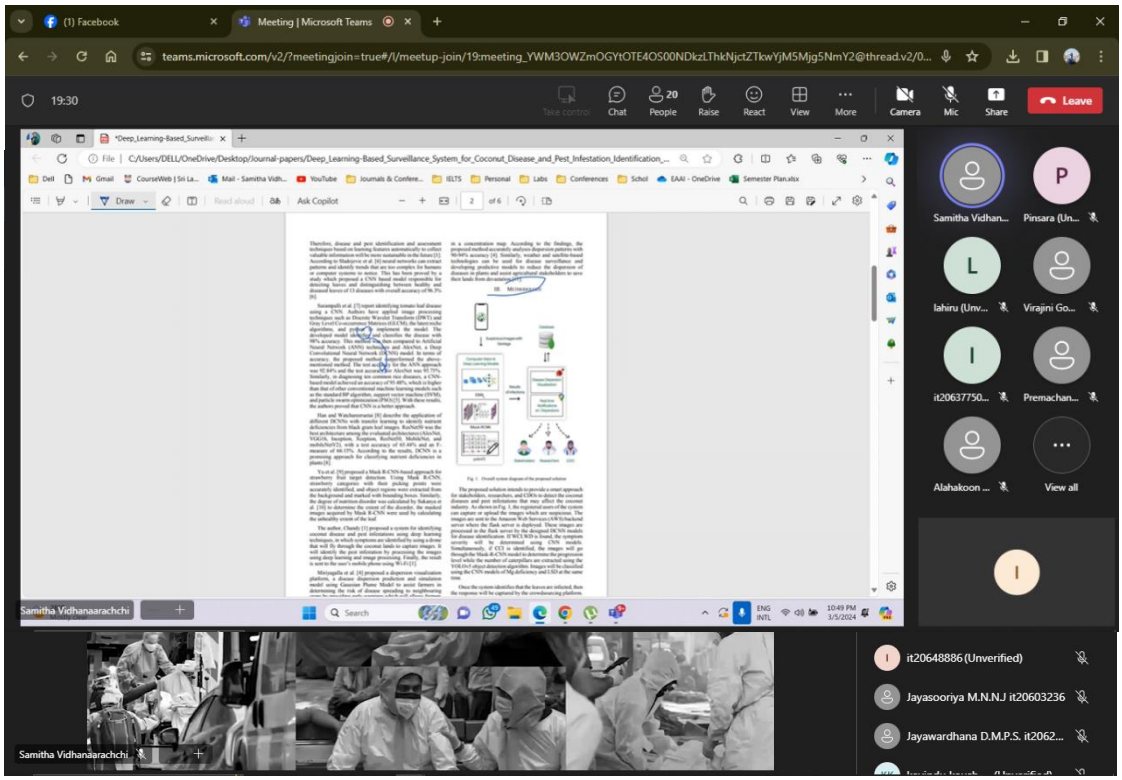
Table of Contents

01. Screenshots of the chats and calls in MS Teams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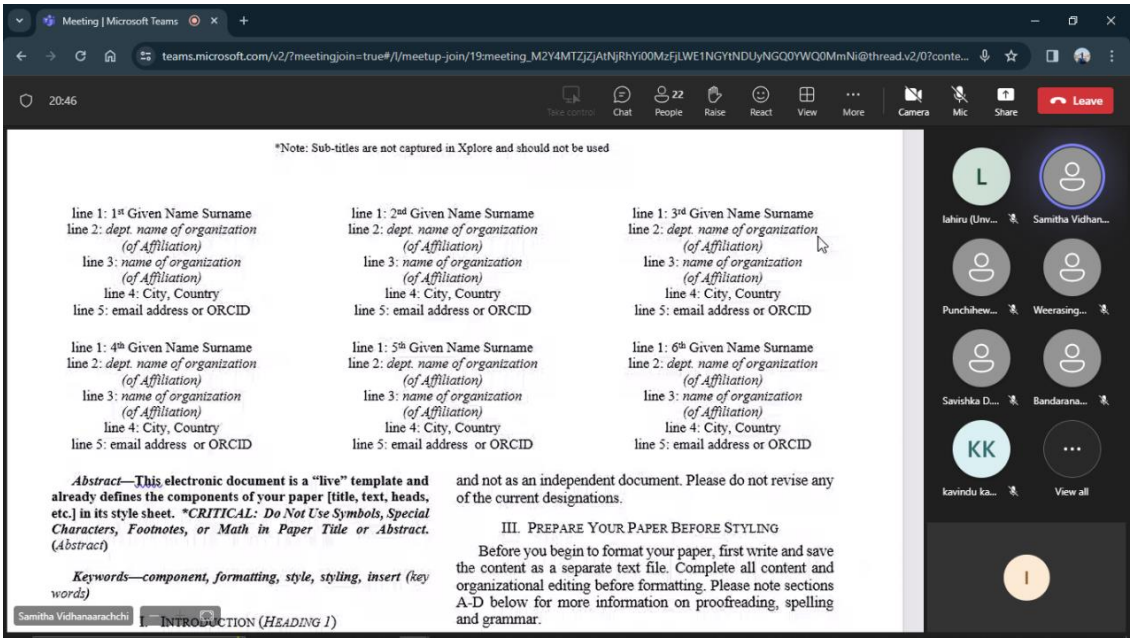
19:30
Leave
Samitha Vidhanaarachchi
it20648886 (Unverified)
Jayasooriya M.N.N.J it20603236
Jayawardhana D.M.P.S. it2062...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20:46
Leave
*Note: Sub-titles are not captured in Xplore and should not be used
line 1: 1st Given Name Surname
line 2: dept. name of organization
(of Affiliation)
line 3: name of organization
(of Affiliation)
line 4: City, Country
line 5: email address or ORCID
line 1: 2nd Given Name Surname
line 1: 3rd Given Name Surname
line 1: 4th Given Name Surname
line 1: 5th Given Name Surname
line 1: 6th Given Name Surname
Abstract—This electronic document is a "live" template and already defines the components of your paper [title, text, heads, etc.] in its style sheet. *CRITICAL: Do Not Use Symbols, Special Characters, Footnotes, or Math in Paper Title or Abstract. (Abstract)
Keywords—component, formatting, style, styling, insert (key words)
and not as an independent document. Please do not revise any of the current designations.
III. Prepare Your Paper Before Styling
Before you begin to format your paper, first write and save the content as a separate text file. Complete all content and organizational editing before formatting. Please note sections A-D below for more information on proofreading, spelling and grammar.
I. Introduction (Heading 1)
Samitha Vidhanaarachchi

Figure 1.1: Meeting with Co – Supervisor.

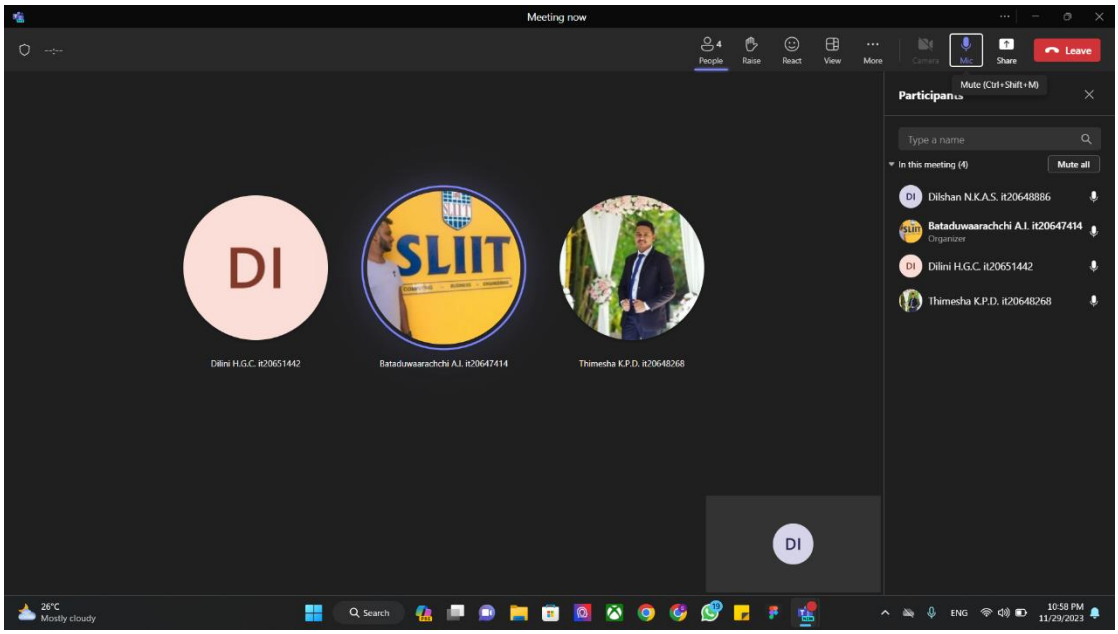

Figure 1.2: Meeting with group members.

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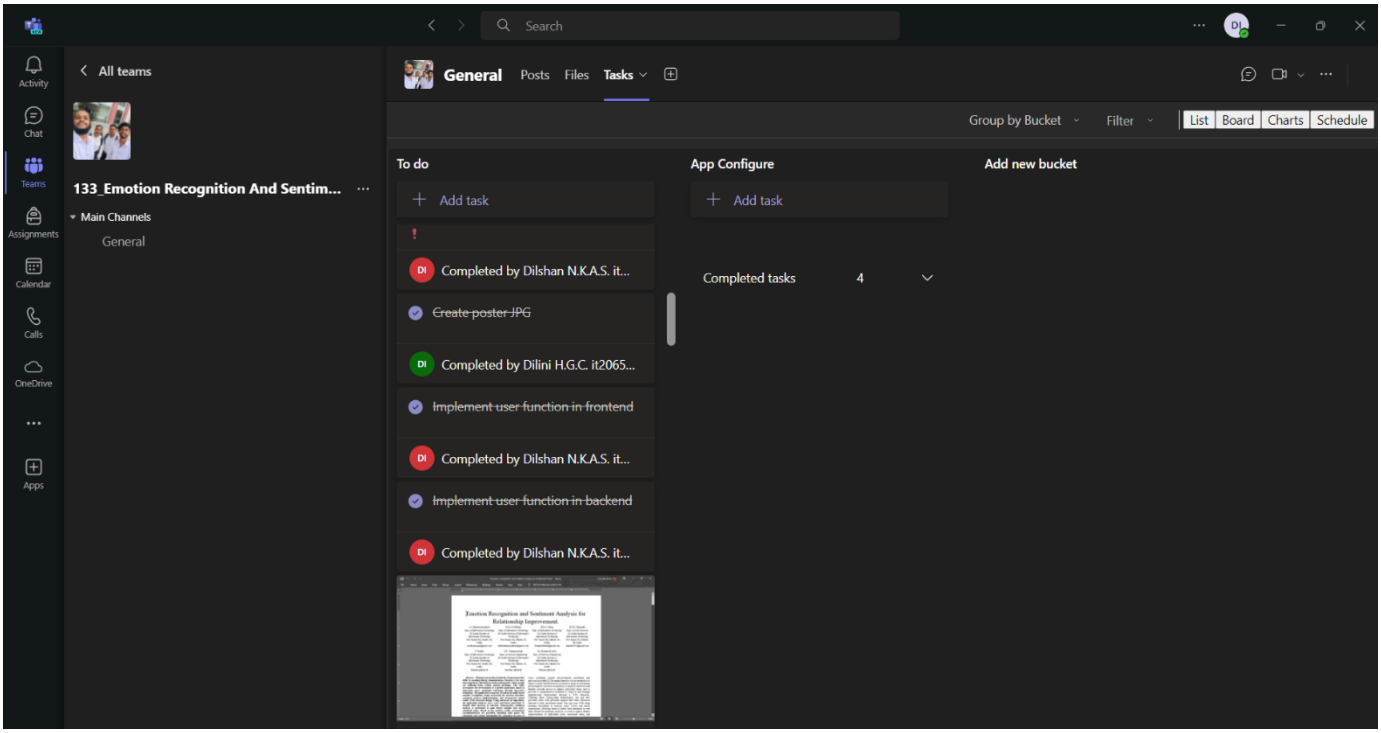
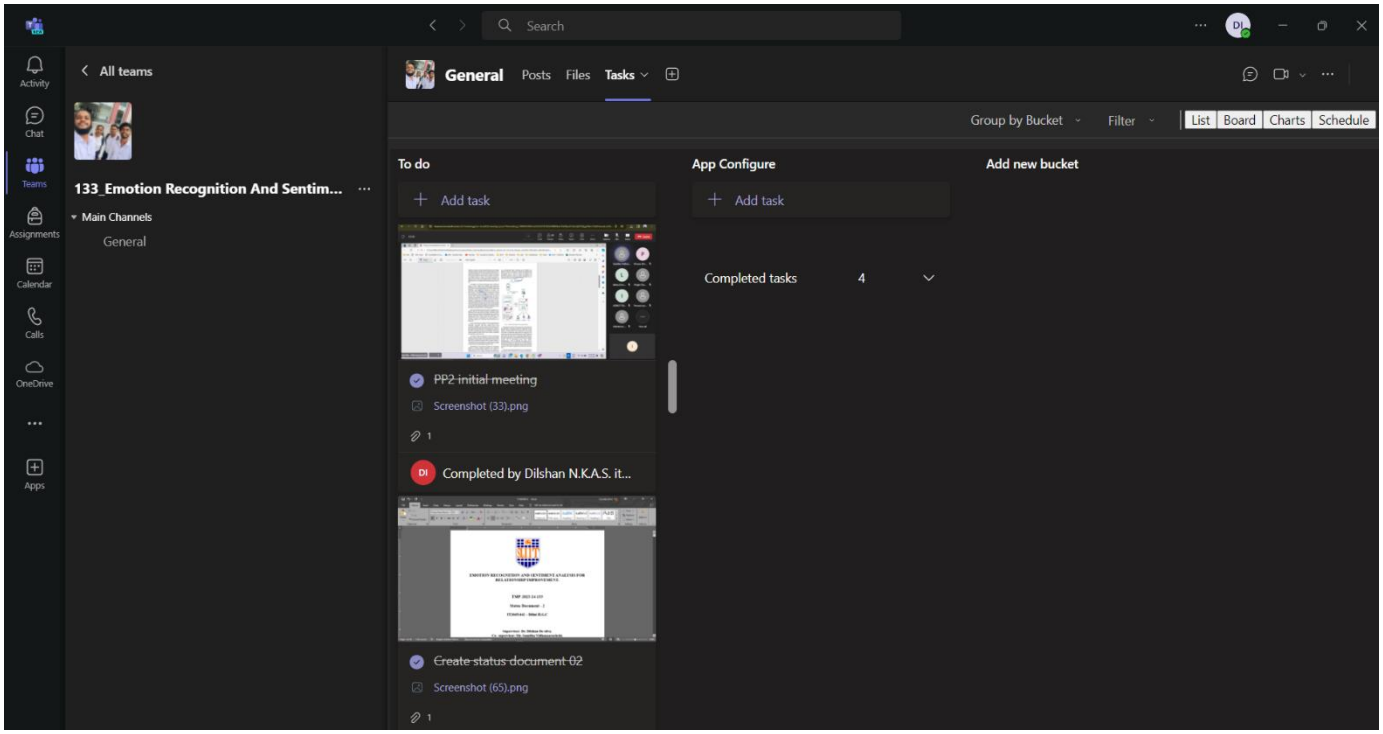
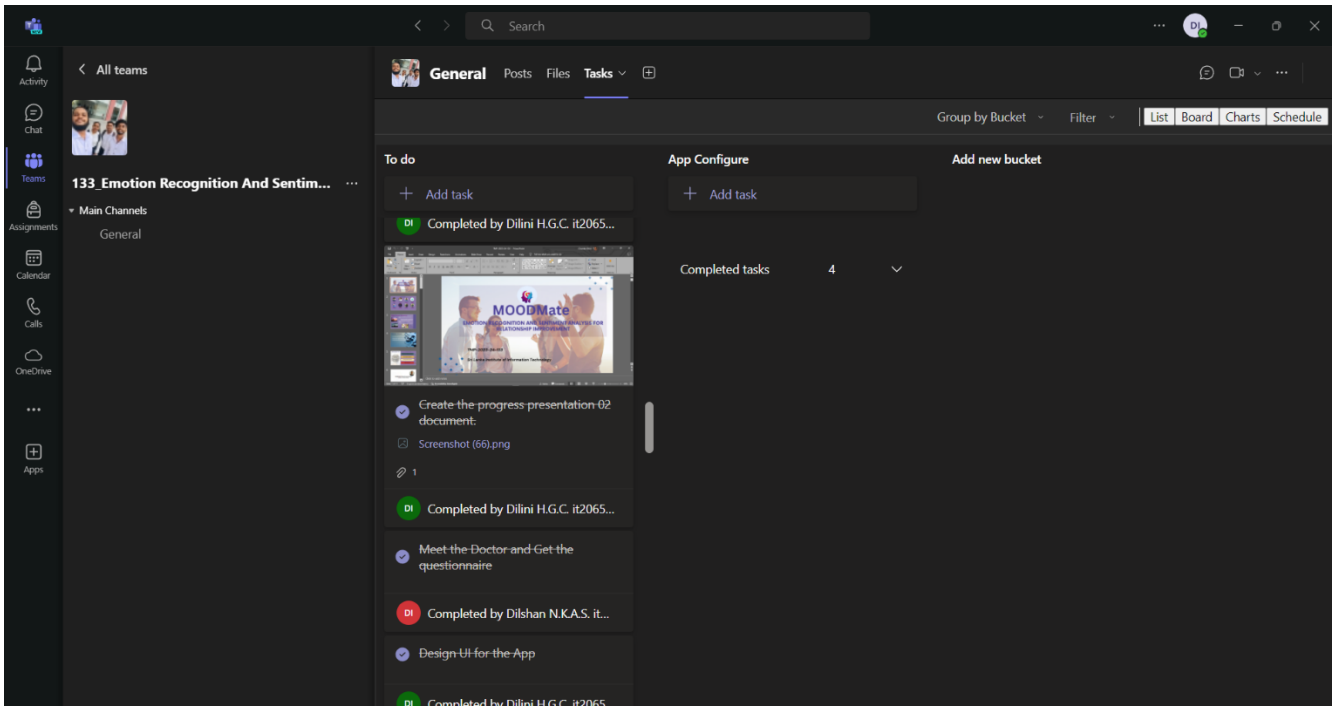
02. Work breakdown structure & allocates resources for each area.



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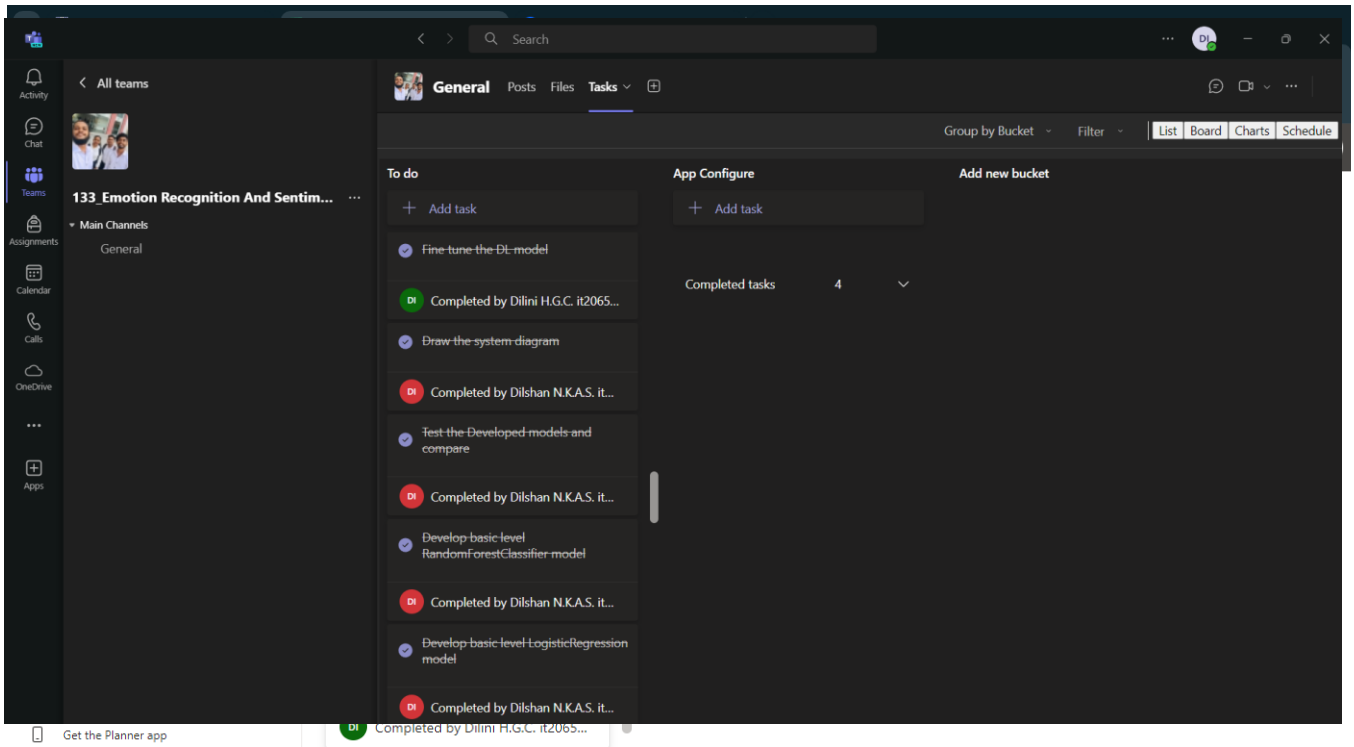
All teams
General
Posts
Files
Tasks
Group by Bucket
Filter
List
Board
Charts
Schedule
133_Emotion Recognition And Sentim...
Main Channels
General
To do
App Configure
Add new bucket
Add task
Completed by Dilini H.G.C. it2065...
Completed tasks 4
MOODMate
Create the progress presentation 02 document.
Screenshot (66).png
Completed by Dilini H.G.C. it2065...
Meet the Doctor and Get the questionnaire
Completed by Dilshan N.K.A.S. it...
Design UI for the App


Search
All teams
General
Posts
Files
Tasks
Group by Bucket
Filter
List
Board
Charts
Schedule
133_Emotion Recognition And Sentim...
Main Channels
General
To do
App Configure
Add new bucket
Add task
Fine tune the DL model
Completed by Dilini H.G.C. it2065...
Completed tasks 4
Draw the system diagram
Completed by Dilshan N.K.A.S. it...
Test the Developed models and compare
Completed by Dilshan N.K.A.S. it...
Develop basic level RandomForestClassifier model
Completed by Dilshan N.K.A.S. it...
Develop basic level LogisticRegression model
Completed by Dilshan N.K.A.S. it...
Get the Planner app

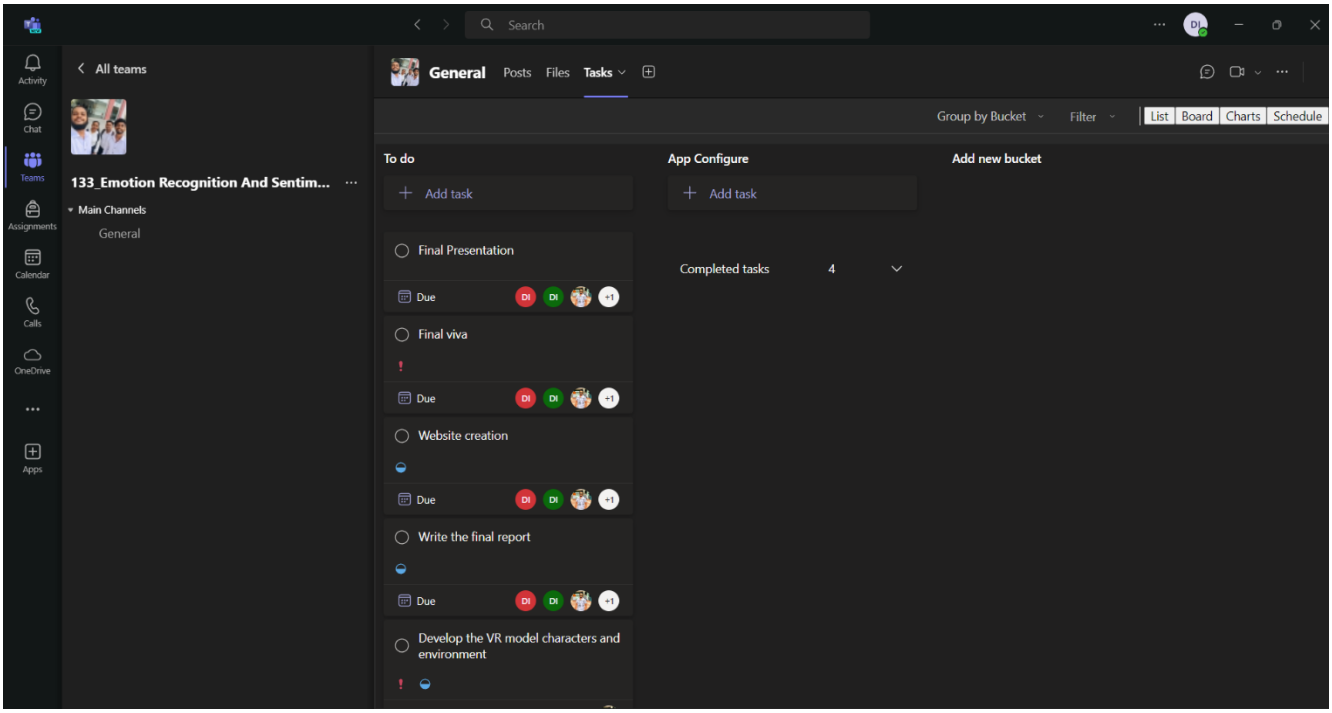


Figure 2.1: Allocated research task and completion

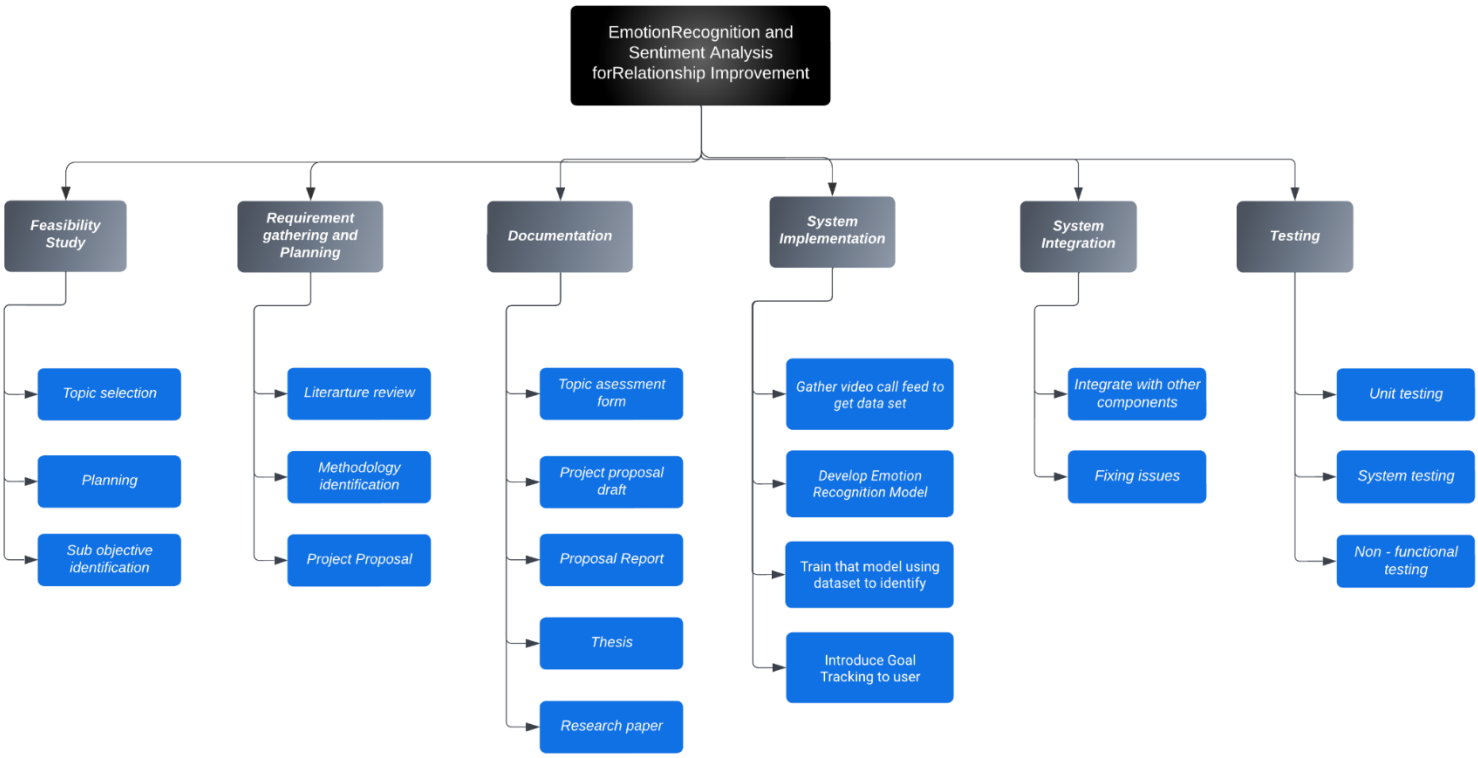


Figure 2.2: WBS and Completion – IT20648886

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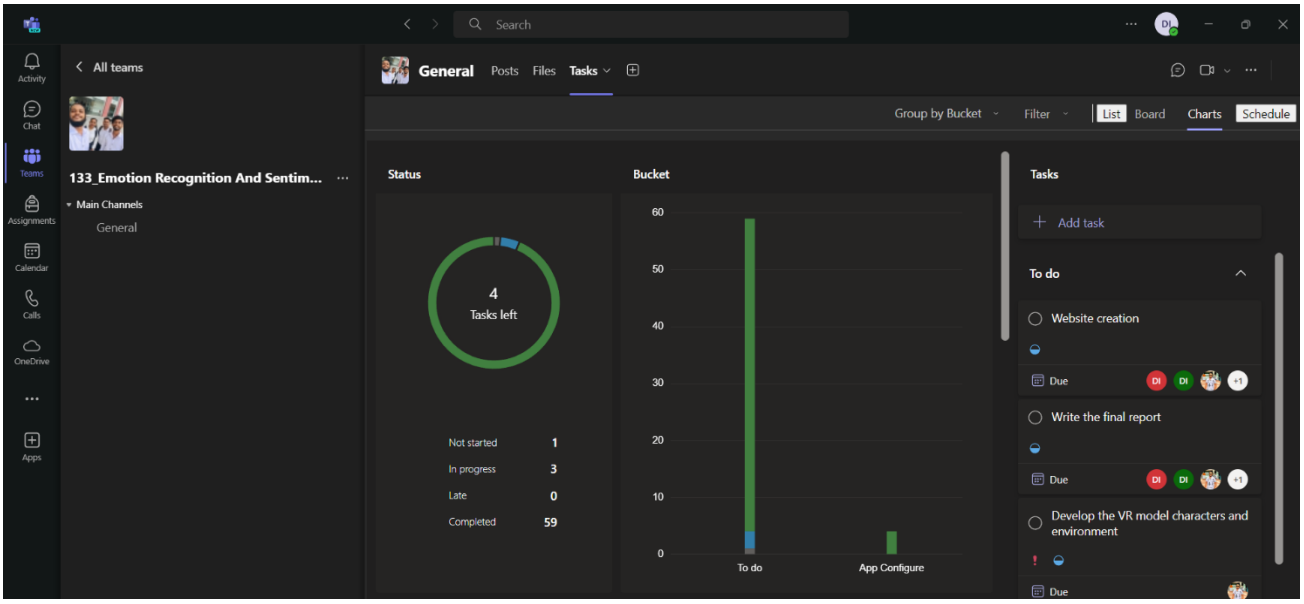
03. Updated Gantt chart of finalize Design & implementation phases

WBS Num	Task Title	%	June	July	August	September	October	November	December	January	February	March	April	May
1. Planning Phase														
1.1	Research Identification	100%												
1.2	Propose Research & Select Supervis	100%												
1.3	Research Background Study	100%												
2. Environment Setup														
2.1	Background Gathering	100%												
2.2	Literature Review	100%												
2.3	Requirment Analysis	100%												
3. Proposal														
3.1	Project Proposal Document	100%												
3.2	Project Proposal Presentation	100%												
4. Software Requirements Specification														
4.1	Identification of the function	100%												
4.2	Final SRS Document	100%												
5. Design														
5.1	Sketch	100%												
5.2	UI Design	100%												
6. Software Design														
6.1	System Implementation	100%												
6.2	Progress Presentation 1	100%												
6.3	Project status Doc	100%												
7. Implementation														
7.1	Data Collection	100%												
7.2	Frontend Development	100%												
7.3	Backend development	100%												
7.4	Integration	100%												
8. Testing														
8.1	Unit Testing	100%												
8.2	Integration Testing	90%												
9. Project Finalization														
9.1	Evaluate all the requirements are im	95%												
9.2	Identify & fix shortcomings	99%												
10. Final Doc & Viva														
10.1	Final document	60%												
10.2	Final Presentation & viva	40%												

Figure 3.1: Planner Gantt Chart

04. Teams Planner Charts.



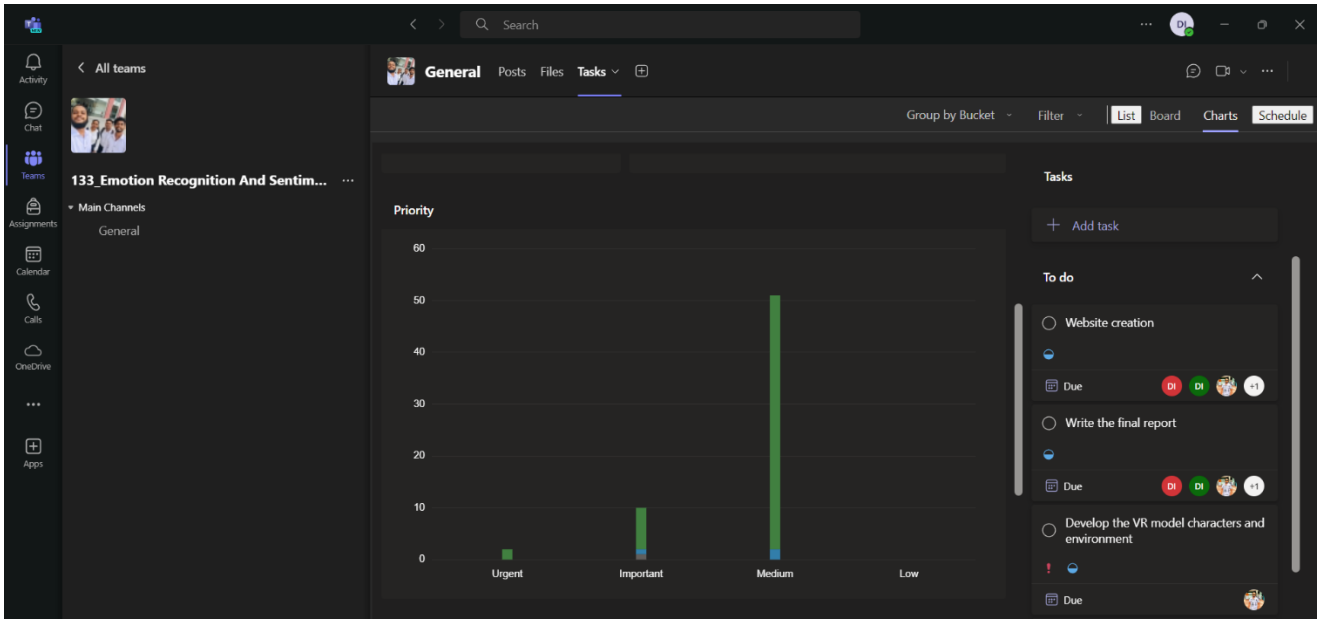
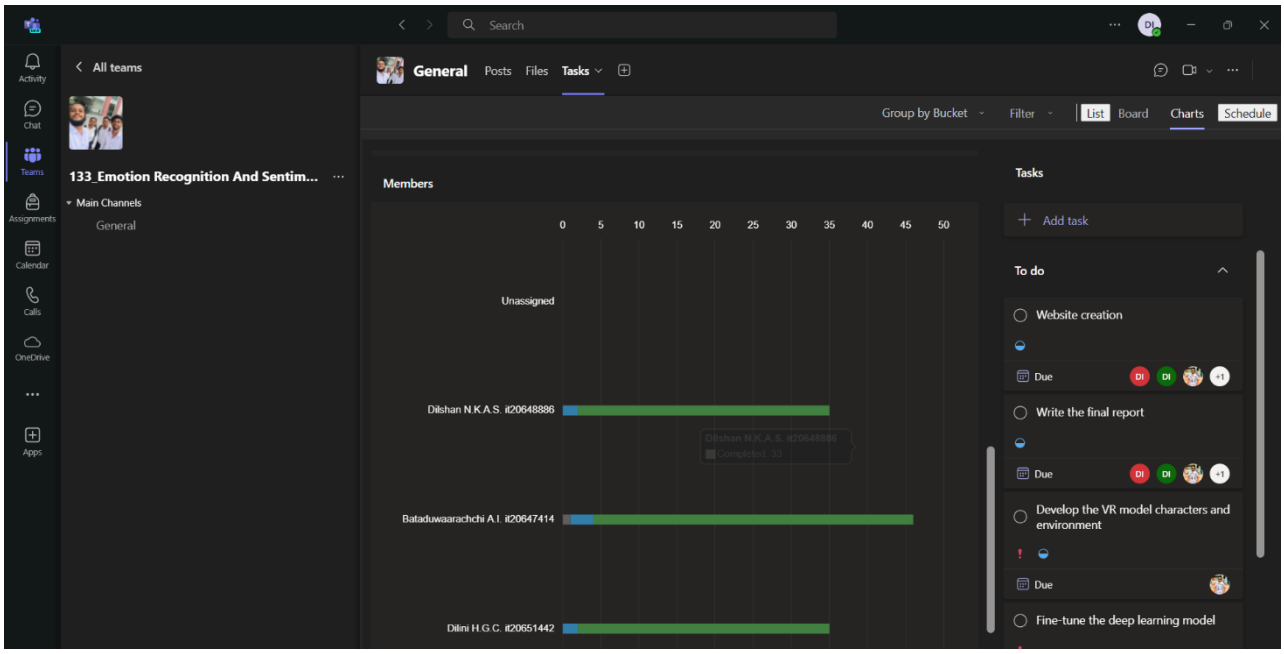
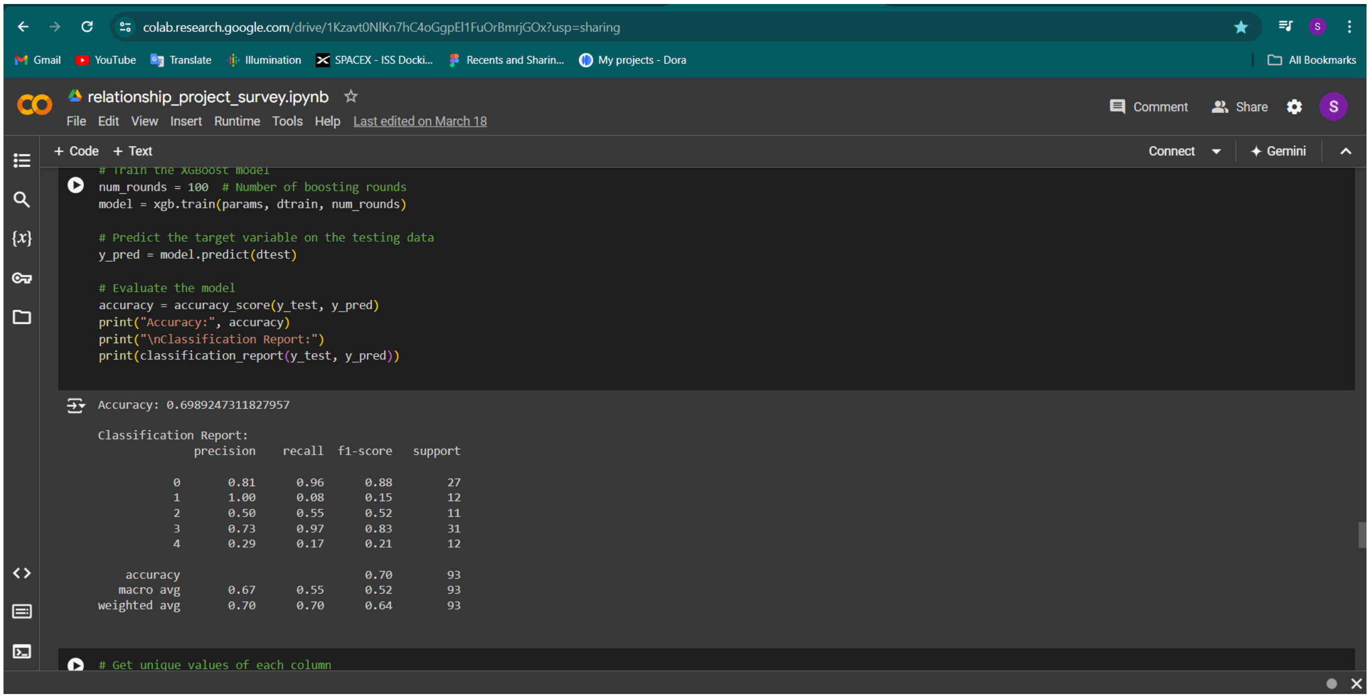


Figure 4.1: Planner chart – IT20648886



05. Test Results.



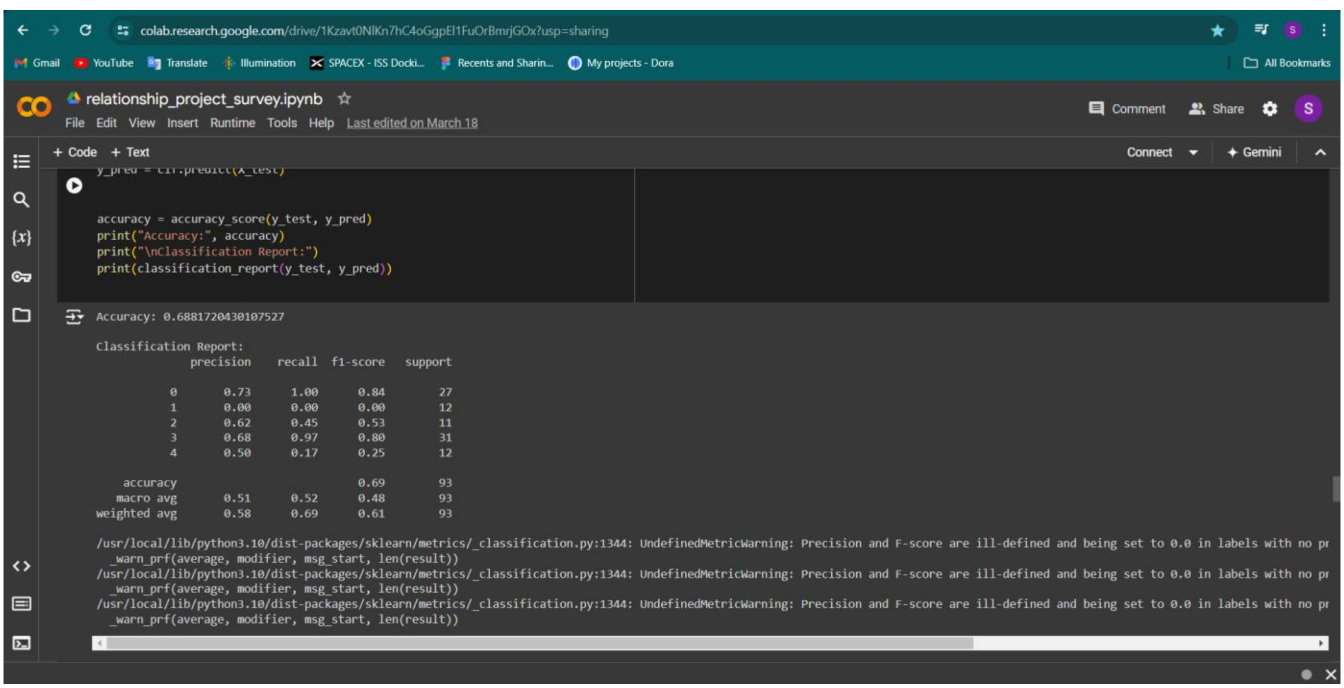


Figure 6. 1: Text classifier models accuracy.