



Sri Lanka Institute of Information Technology

Smart-Cop-Traffic Policers Recommendation and Scheduling

Progress Presentation 01

Individual Status Document 01

Project ID: 2020-052

Submitted by:

Sewwandi.A.K.T
IT16165830

Contents

MS Planner	3
User Tasks Allocation.....	3
Charts	5
Status.....	5
Bucket	5
Priority	6
Member	6
Gantt Chart	7
Microsoft Teams	9
Meetings	9
Chats	10
WhatsApp	11
Meetings	11
Chats	12
Work Breakdown Structure.....	20
Test Cases	21

MS Planner

User Tasks Allocation

SmartCop_Planner Posts Files SmartCop_Planner

Board Charts Schedule

Filter (0) Group by Bucket

To Do Tasks

- ☐ Implement the UI to display officer schedule
09/05
SA Sewwandi A.K.T. it16165830
- ☐ Implement the officer scheduling based on recommended result
08/31
SA Sewwandi A.K.T. it16165830
- ☐ Prevention Game | Evaluate for road safety skills retention improvements with a selected group of people for concluding the research.
08/30

In Progress Tasks

- ☐ Create project status document 1
07/13
SA Sewwandi A.K.T. it16165830
- ☐ Writing the research paper
07/17
SA Sewwandi A.K.T. it16165830
- ☐ Enhance the recommendation user interface
07/25
SA Sewwandi A.K.T. it16165830
- ☐ Traffic police officers

Completed Tasks

- ☒ Create proposal presentation 1
07/11
SA Completed by Sewwandi A.K.T. it...
- ☒ Collect dataset from kaggle.com
03/23
SA Completed by Sewwandi A.K.T. it...
- ☒ 1st Appointment at Mirihana Police Station, Sri Lanka
12/03/2019
SA Completed by Sewwandi A.K.T. it...
- ☒ implement officer recommendation experience based analysis

SmartCop_Planner Posts Files SmartCop_Planner

Board Charts Schedule

Filter (0) Group by Bucket

To Do Tasks

- ☐ Concluding the research.
08/30
Navanjeni D.H.K.H. it16170094
- ☐ Accident response game | Create leader board for game
08/20
SR Shangavie R. it16167124
- ☐ Prevention Game | Implement APIs to access by Sri Lanka Police to review the system generated statistical reports for awareness level progress of all the users.
08/10
Navanjeni D.H.K.H. it16170094

In Progress Tasks

- ☒ Sewwandi A.K.T. it16165830
- ☐ Traffic police officers recommendation based on training taken
07/31
- ☐ Accident response game | Improve the accuracy of machine learning model
07/16
SR Shangavie R. it16167124
- ☐ Road Accident Prediction | Frequency implementation
07/21
DD Dissanayake D.M.K.P. it16138896

Completed Tasks

- ☒ implement officer recommendation experience based analysis
07/09
SA Completed by Sewwandi A.K.T. it...
- ☒ Accident response game | Complete status document 1
07/12
SR Completed by Shangavie R. it16...
- ☒ Accident Response Game | Connect machine learning model and mobile application using Flask and Heroku
07/09
SR Completed by Shangavie R. it16...

22

SmartCop_Planner

Posts

Files

SmartCop_Planner

+

Board

Charts

Schedule

Filter (0)

Group by Bucket

o do Tasks

+ Add task

result page view using flutter

07/25

SR Shangavie R. it16167124

Accident response game | Predict the time need to given for question to answer

07/20

SR Shangavie R. it16167124

Final Report (Group) Hard Bound

12/15

DD SA SR

Final Presentation and Viva

In Progress Tasks

+ Add task

model

07/16

SR Shangavie R. it16167124

Road Accident Prediction | Frequency implementation

07/21

DD Dissanayake D.M.K.P. it16138896

Prevention Game | Implement user profile management with player leader board of the mobile game to provide the facility to analyze their awareness level progress throughout the game levels.

07/25

Completed Tasks

+ Add task

Accident response game | Create interfaces for questions

06/11

SR Completed by Shangavie R. it16...

Accident response game | generate question files for game

05/30

SR Completed by Shangavie R. it16...

Accident response game | Impleme user interfaces for game

05/13

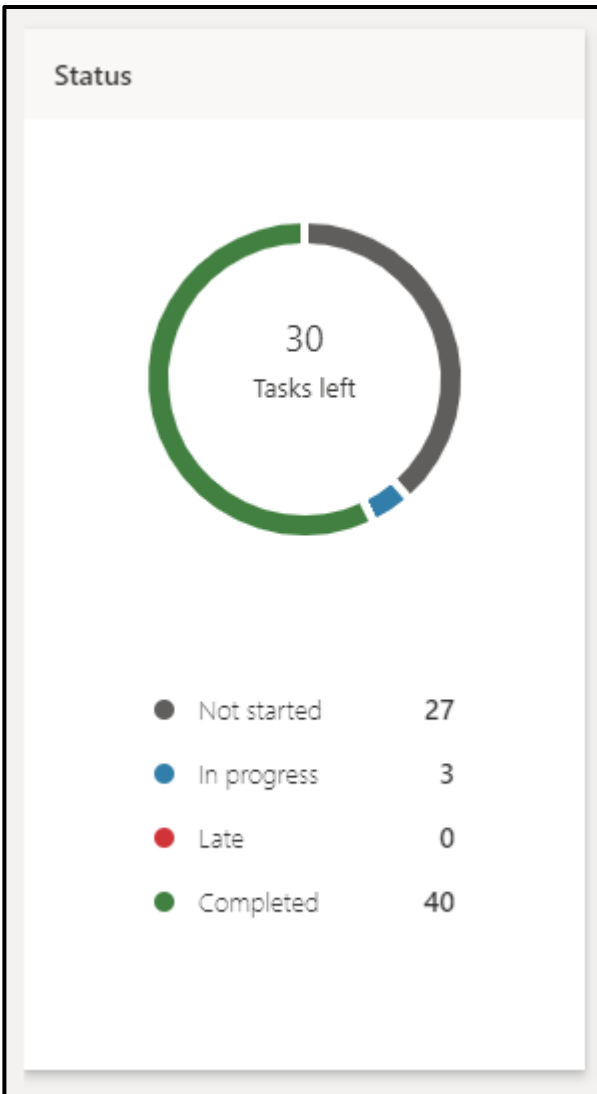
SR Completed by Shangavie R. it16...

Accident response game | User

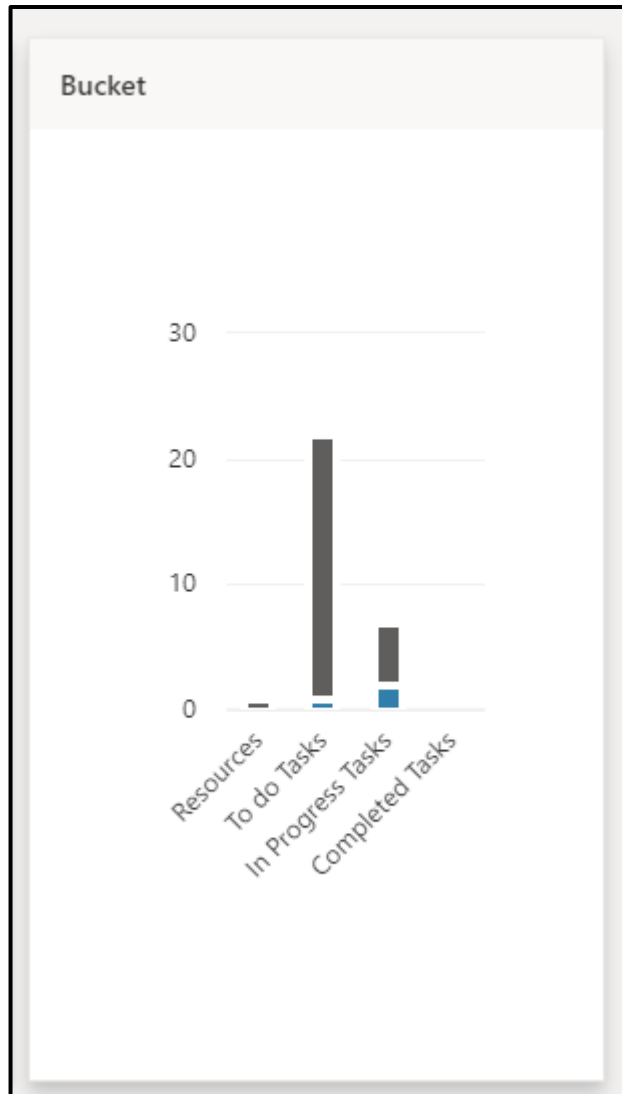
4

Charts

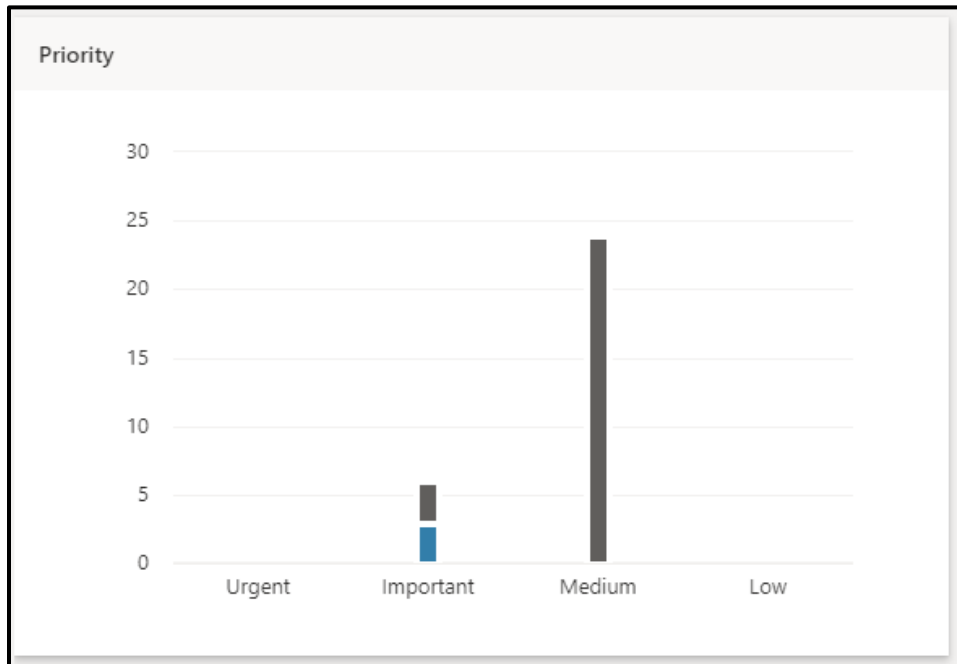
Status



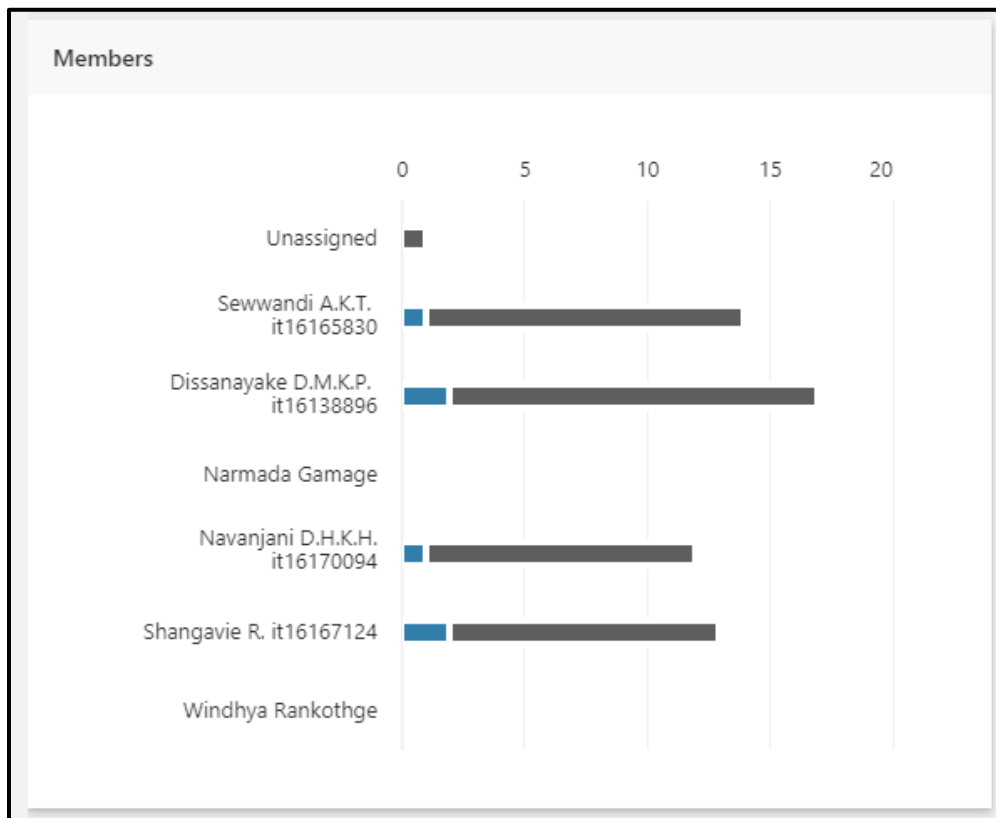
Bucket



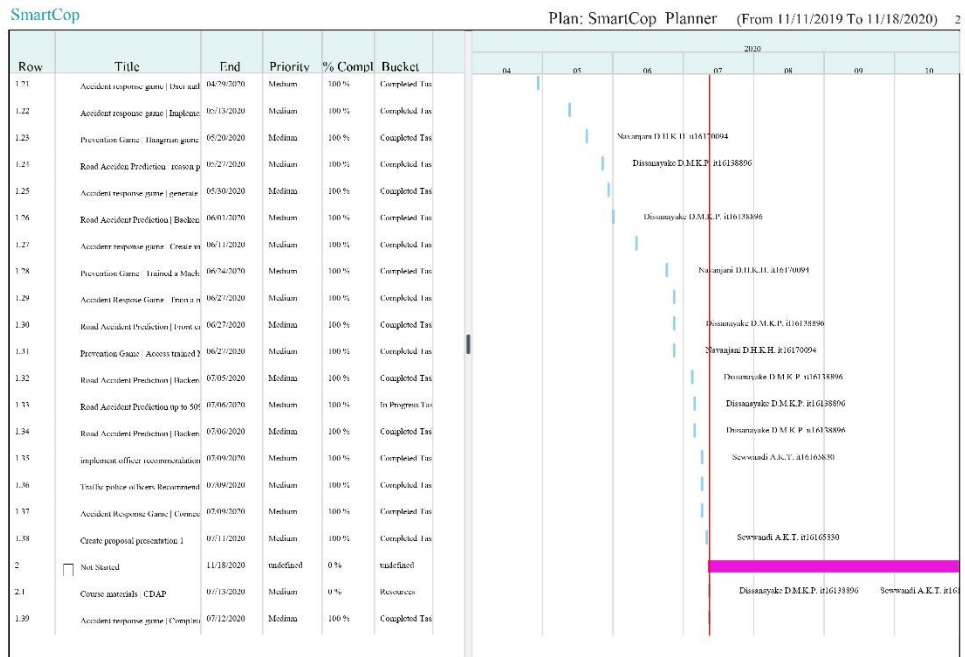
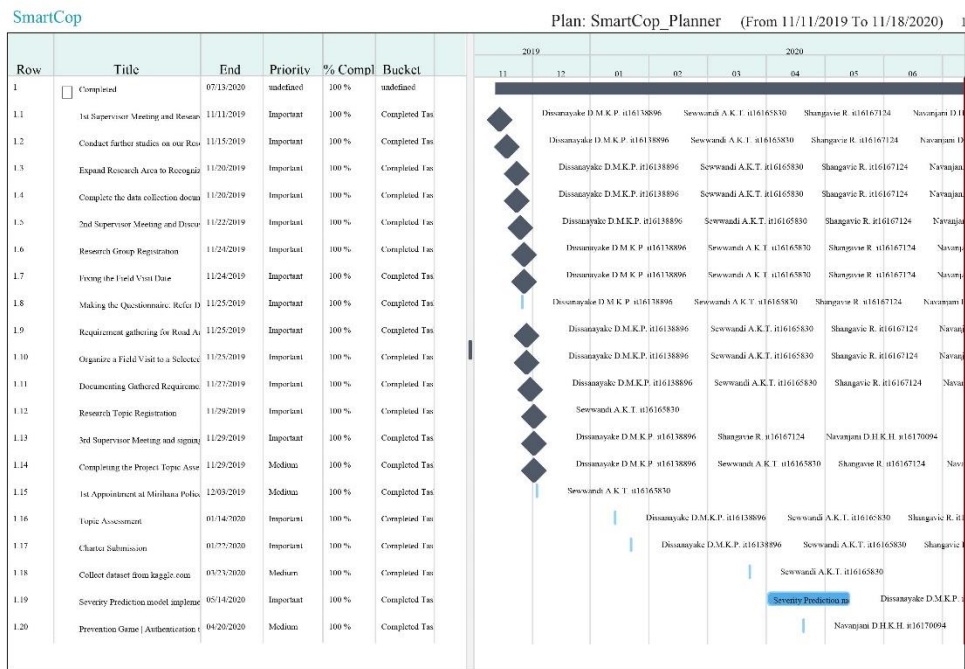
Priority



Member



Gantt Chart

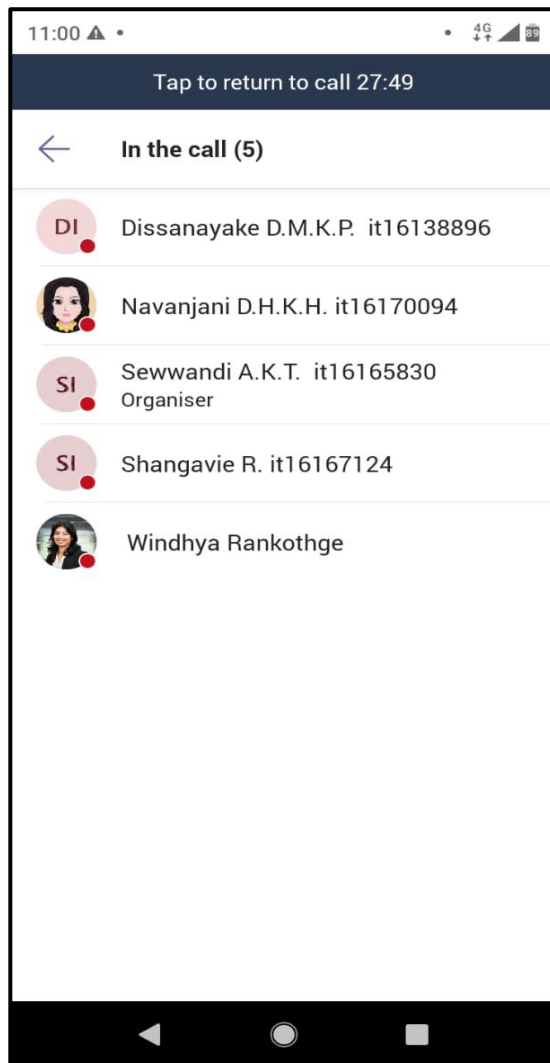
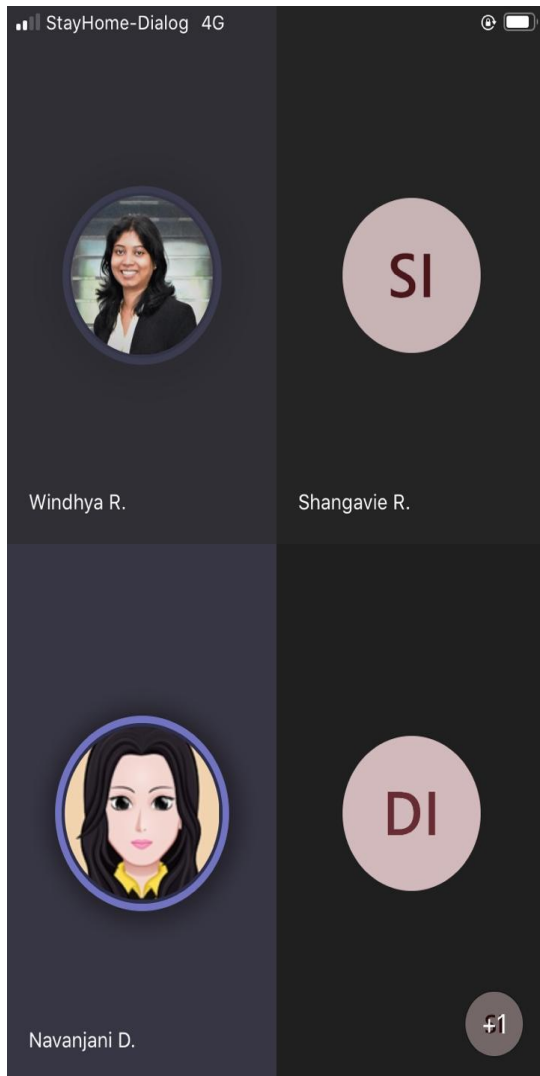


Row	Title	End	Priority	% Compl	Bucket	2020				
						05	06	07	08	09
2.2	Create project status document 1	07/13/2020	Medium	0 %	In Progress Task				Sewwandi A.K.T. it16165830	
2.40	Road Accident Prediction Complete	07/13/2020	Medium	100 %	Completed Task				Dissanayake D.M.K.P. it16138896	
3	In Progress	07/17/2020	undefined	50 %	undefined					
3.1	Accident response game Improve	07/16/2020	Important	50 %	In Progress Task				Shangavir R. it16167124	
3.2	Research paper completion	07/17/2020	Important	50 %	To do Tasks				Dissanayake D.M.K.P. it16138896	Sewwandi A.K.T. it16165830
2.3	Writing the research paper	07/17/2020	Medium	0 %	In Progress Task				Sewwandi A.K.T. it16165830	
2.4	Accident response game Product d	07/20/2020	Medium	0 %	To do Tasks				Shangavir R. it16167124	
3.3	Road Accident Prediction Frequent	07/21/2020	Important	50 %	In Progress Task				Dissanayake D.M.K.P. it16138896	
2.5	Accident response game Modify th	07/25/2020	Medium	0 %	To do Tasks				Shangavir R. it16167124	
2.6	Enhance the recommendation user	07/25/2020	Medium	0 %	In Progress Task				Sewwandi A.K.T. it16165830	
2.7	Prevention Game Implement user	07/25/2020	Medium	0 %	In Progress Task				Navanjan D.H.K.H. it16170094	
2.8	Road Accident Prediction Area c	07/29/2020	Important	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896	
2.9	Road Accident Prediction Implem	07/30/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896	
2.10	Traffic police officers recommenda	07/31/2020	Medium	0 %	In Progress Task					
2.11	Road Accident Prediction complet	08/03/2020	Important	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896	
2.12	Prevention Game Implement AP	08/10/2020	Medium	0 %	To do Tasks				Navanjan D.H.K.H. it16170094	
2.13	Accident response game Create tes	08/20/2020	Medium	0 %	To do Tasks				Shangavir R. it16167124	
2.14	Road Accident Prediction complet	08/20/2020	Important	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896	
2.15	Road Accident Prediction complet	08/26/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896	
2.16	Prevention Game Evaluate for ro	08/30/2020	Medium	0 %	To do Tasks				Navanjan D.H.K.H. it16170094	
2.17	Implement the officer scheduling b	08/31/2020	Medium	0 %	To do Tasks				Sewwandi A.K.T. it16165830	

Row	Title	End	Priority	% Compl	Bucket	2020						
						06	07	08	09	10	11	12
2.18	Website Assessment	10/14/2020	Medium	0 %	To do Tasks				Website Assessment			
2.19	Road Accident Prediction Complete	08/31/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896			
2.20	Implement the UI to display officer	09/05/2020	Medium	0 %	To do Tasks				Sewwandi A.K.T. it16165830			
2.21	Progress Presentation II (80%)	09/11/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896	Sewwandi A.K.T. it16165830		
2.22	Final Report (Draft) Feedback from	10/02/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896	Sewwandi A.K.T. it16165830		
2.23	Final Report (Group) Hand Bound	10/02/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896	Sewwandi A.K.T. it16165830		
2.24	Project Status document and Studen	10/16/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896			
2.25	Final Report (Soft Bound)	10/16/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896			
2.26	Final Report (draft) Submit to the f	10/16/2020	Medium	0 %	To do Tasks				Dissanayake D.M.K.P. it16138896			
2.27	Final Presentation and Viva	11/18/2020	Medium	0 %	To do Tasks							Dissanayake D.M.K.P. it16138896

Microsoft Teams

Meetings



July 8, 2020

SI Sewwandi A.K.T. it16165830 7/7 11:37 PM
Scheduled a meeting

 **Progress Presentation 1 Pre Evaluation**
Wednesday, July 8, 2020 @ 11:30 AM

2 replies from you

 **Meeting ended:**

← Reply


July 9, 2020

Chats

April 9, 2020

SI Sewwandi A.K.T. it16165830 4/6 8:44 PM Edited
Hi madam ([Windhya Rankothge](#)),
some of us have forgotten the password of the sliit Gmail account. In order to reset it, we need to contact the SLIIT IT Support Service. When creating the online logbook we need to log into it via a Gmail account. So is it okay if we use our personal Gmail account instead of the sliit email?

▼ Collapse all

 **Windhya Rankothge** 4/9 6:22 AM
Please check with CDAP team, I am not sure about their rules

SI Sewwandi A.K.T. it16165830 4/9 10:01 AM
Okay madam thank you.

← Reply

April 20, 2020


April 3, 2020

SI Sewwandi A.K.T. it16165830 4/3 8:54 AM
[Windhya Rankothge](#) Hello madam,
This is the MS Teams group for Smart cop research group


← Reply


April 7, 2020


WhatsApp Meetings




Ms. Narmada Gamage

 16 April, 16:14







**Dissanayake.D.M.K.P, Ms.
Narmada Gamage**


 16 April, 11:36



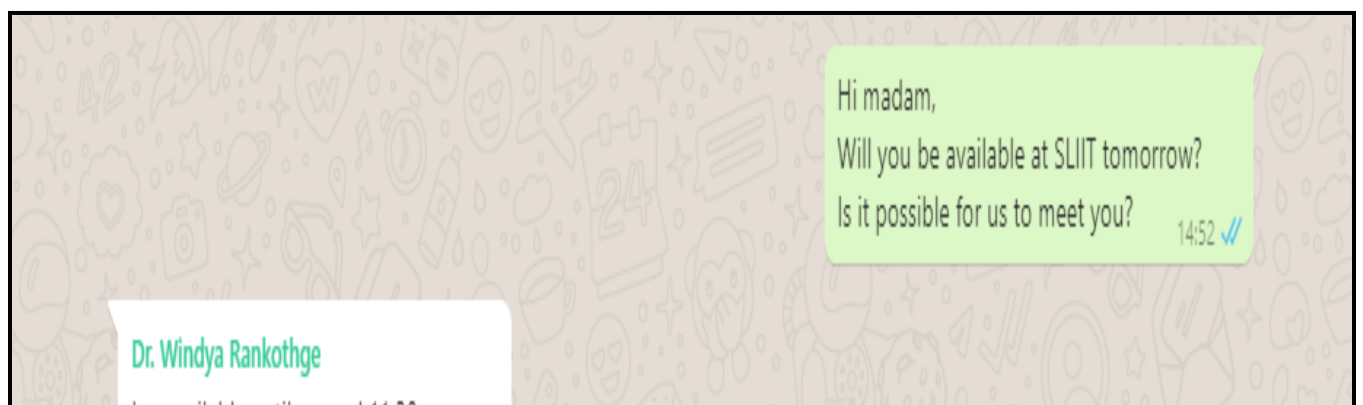
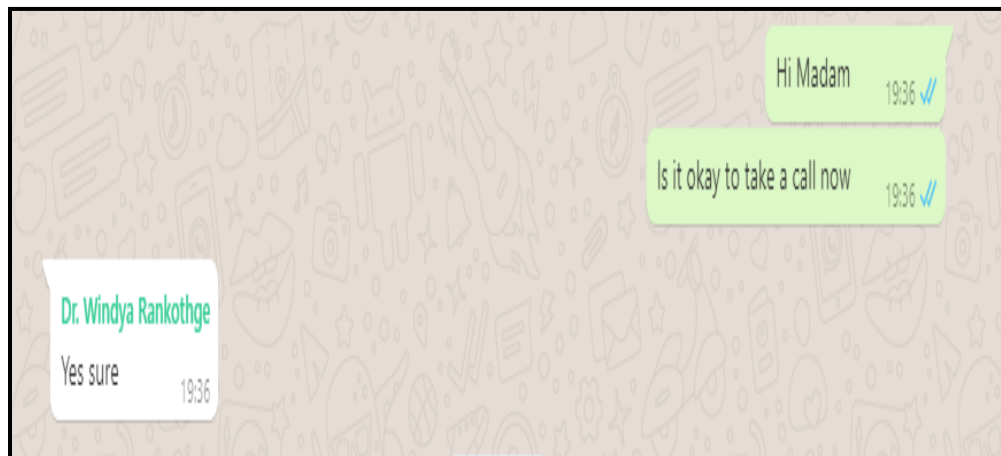
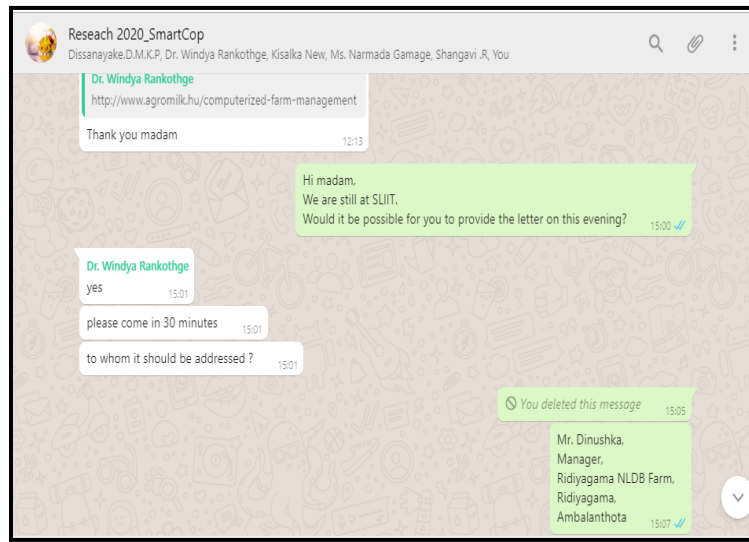


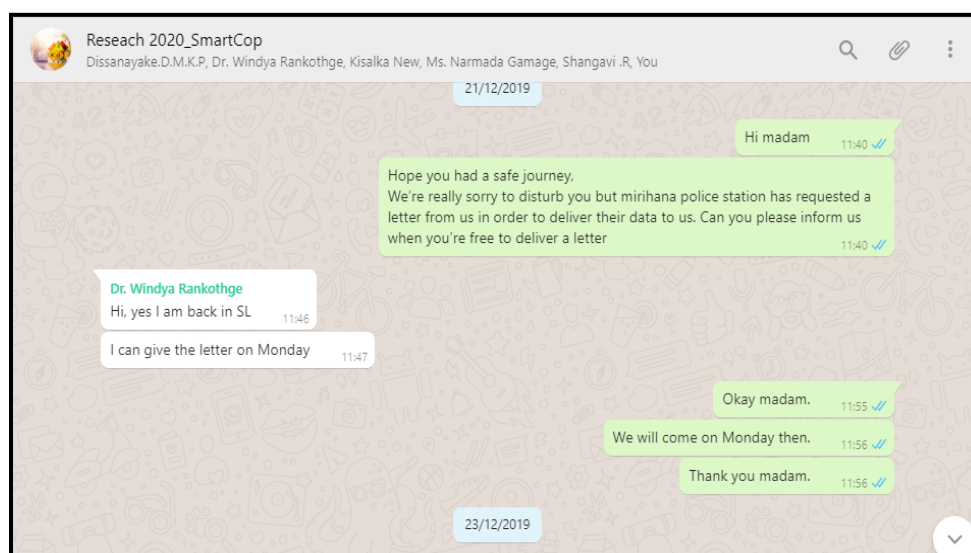
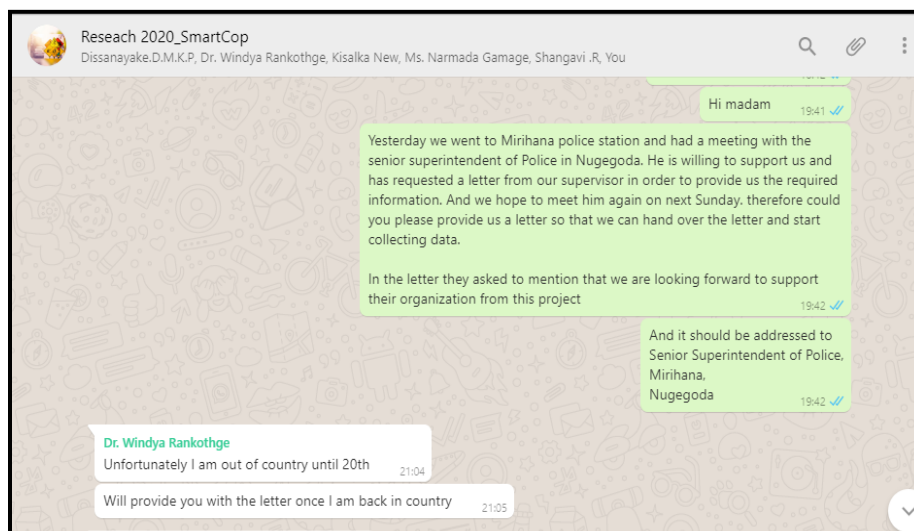
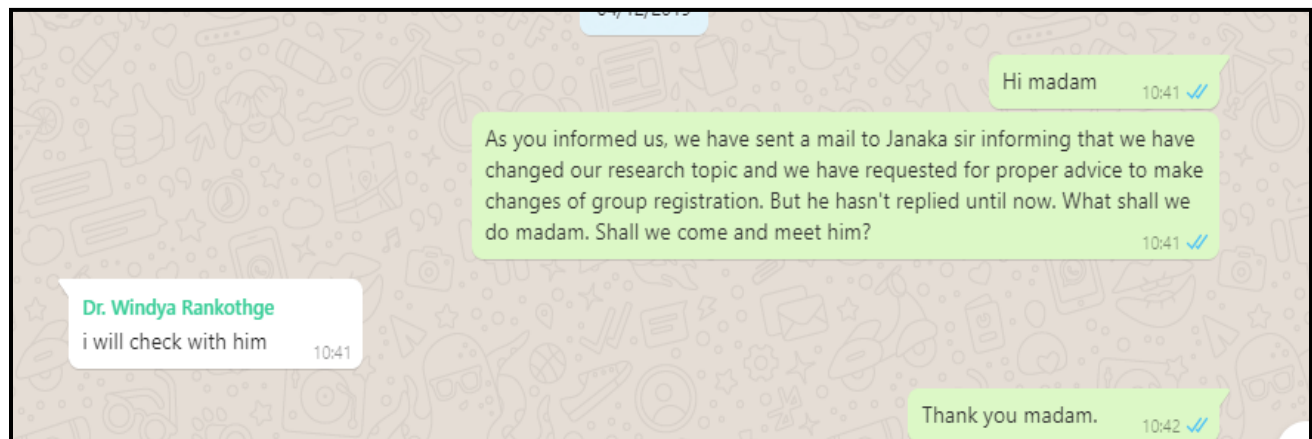
Ms. Narmada Gamage

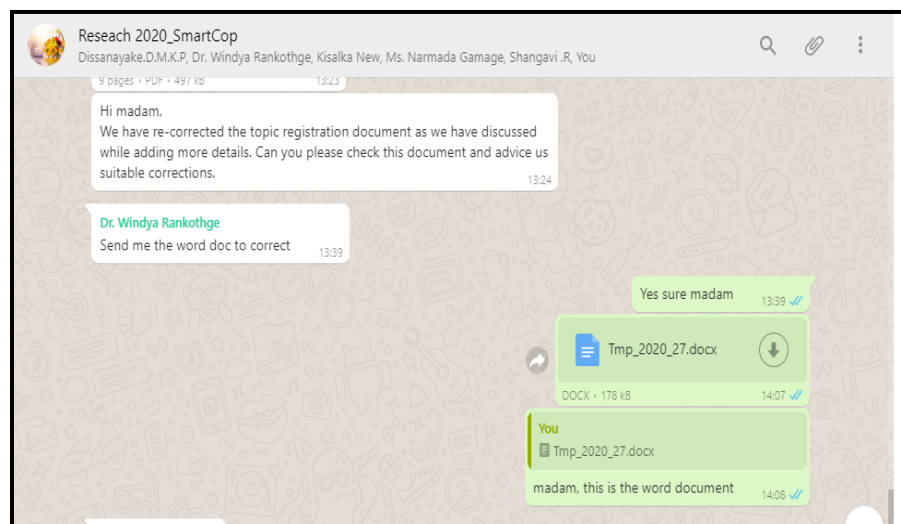
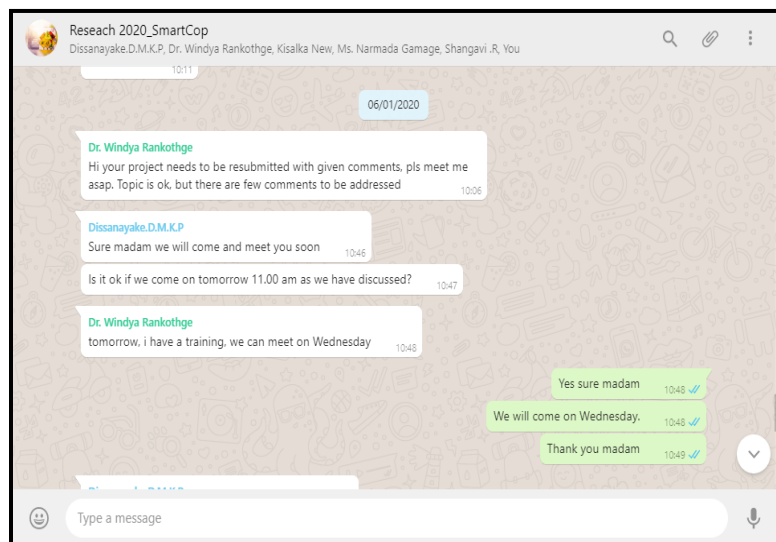
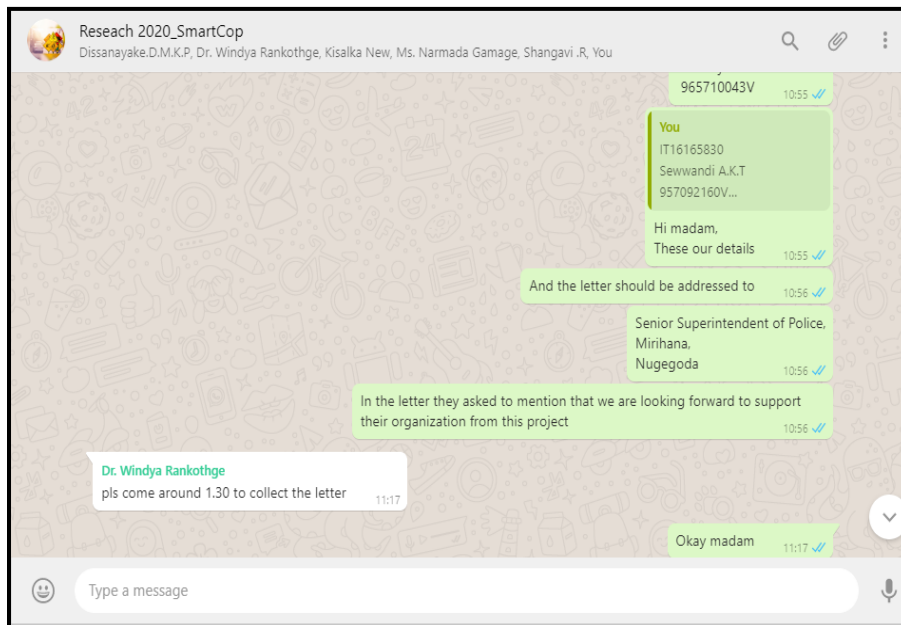
 27 May, 20:10

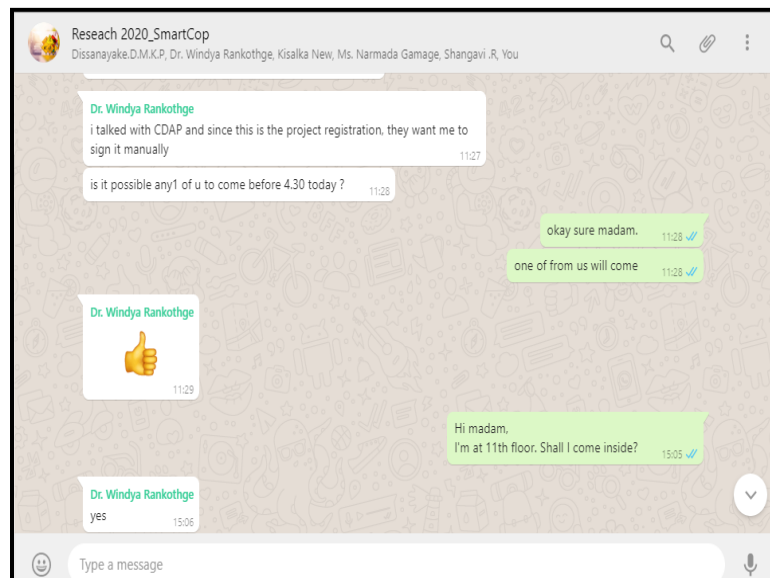
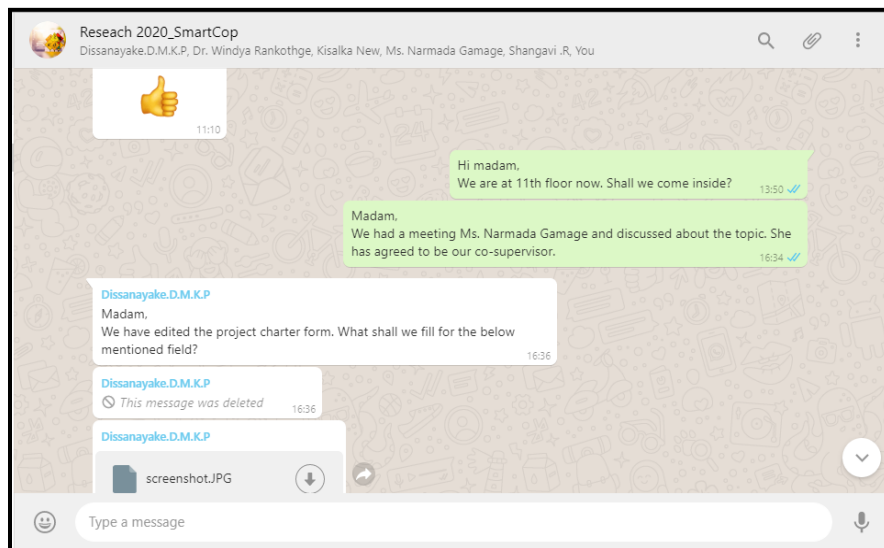
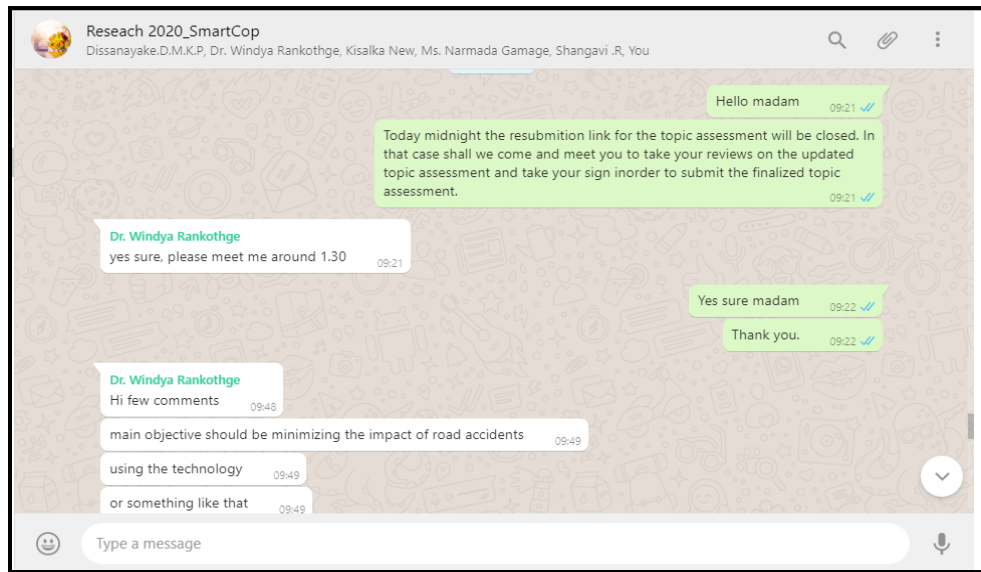


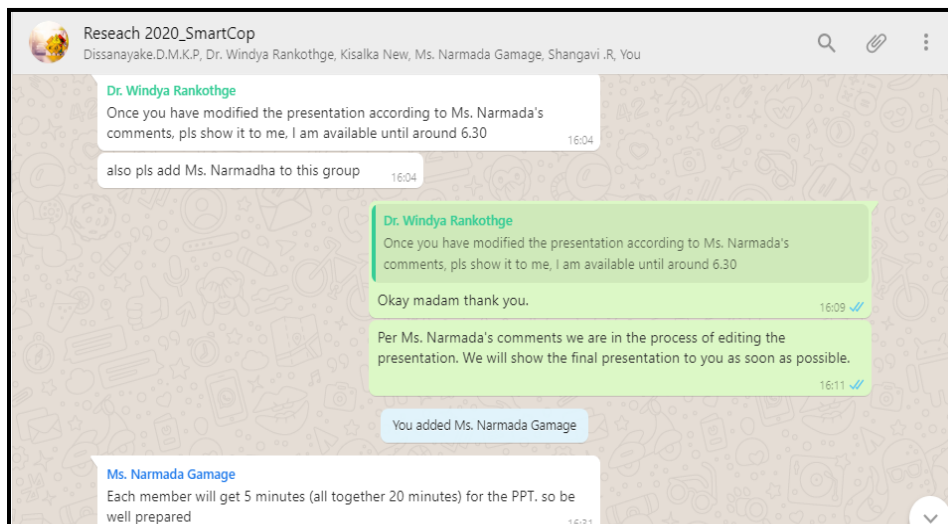
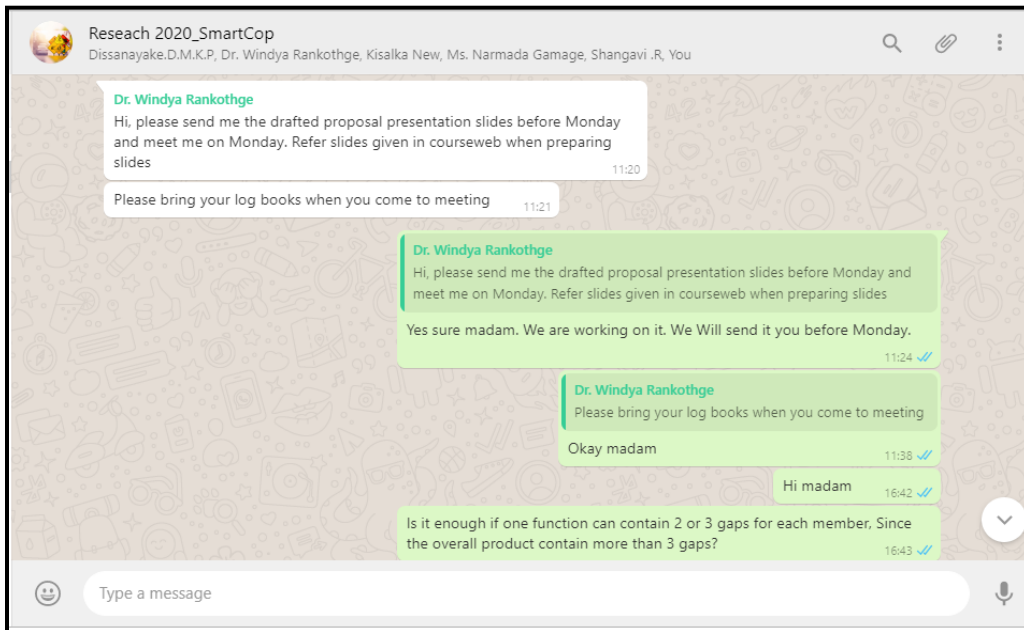
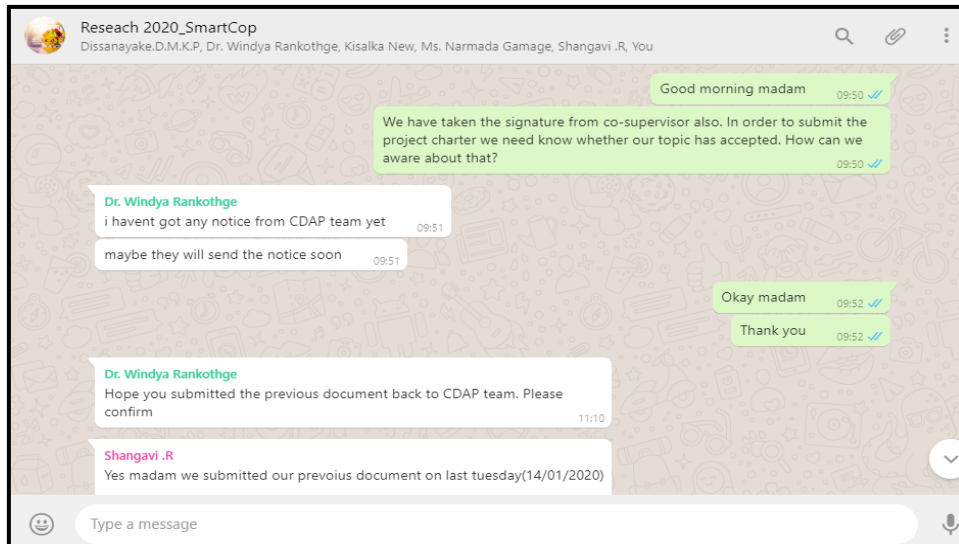
Chats

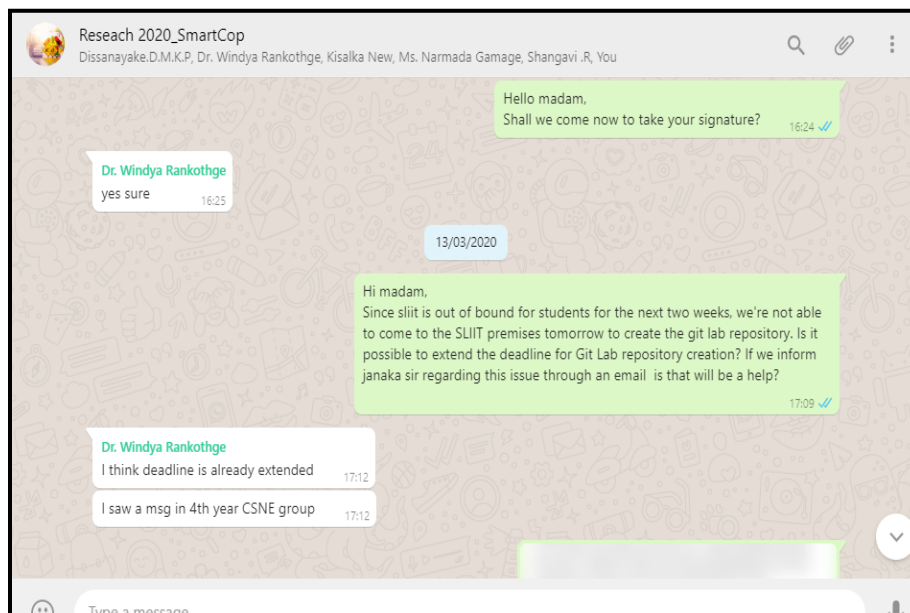
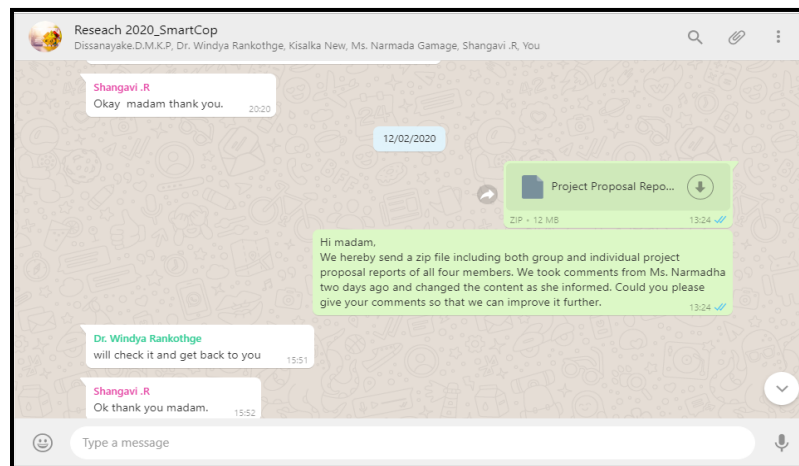
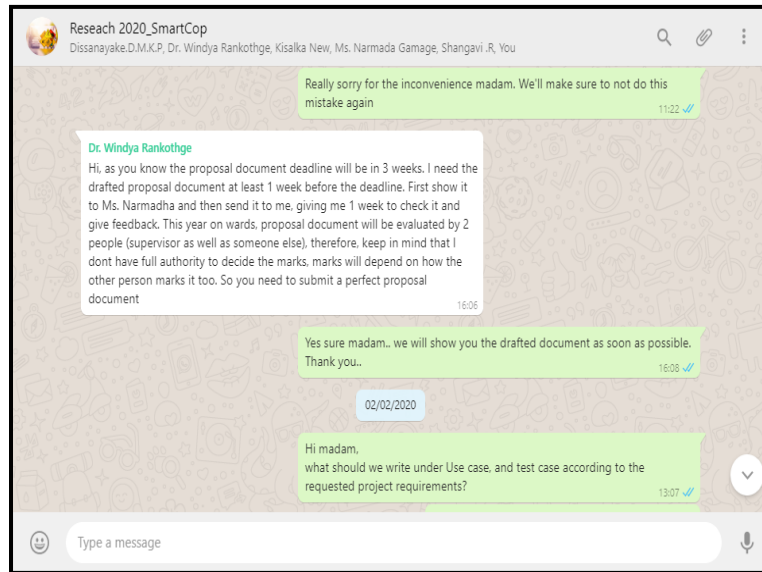


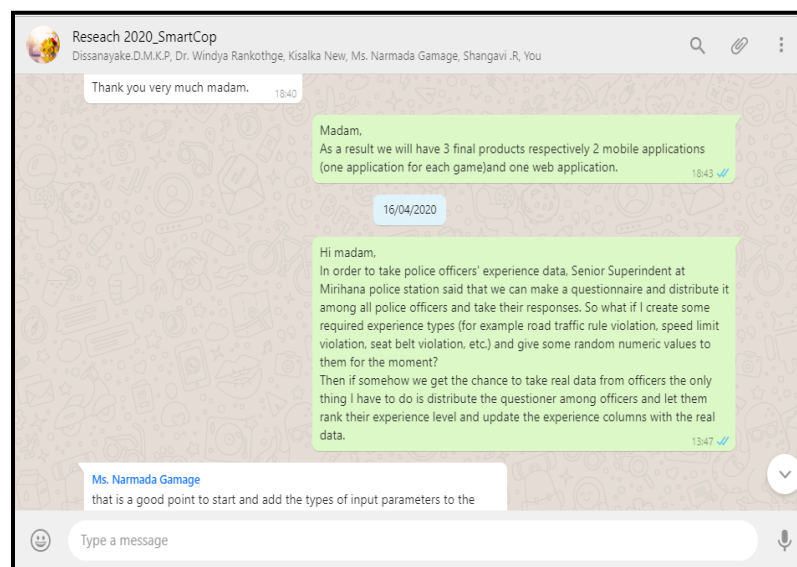
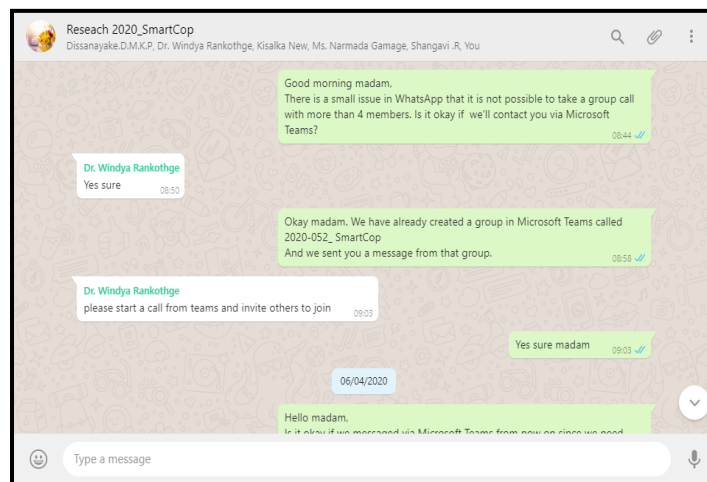
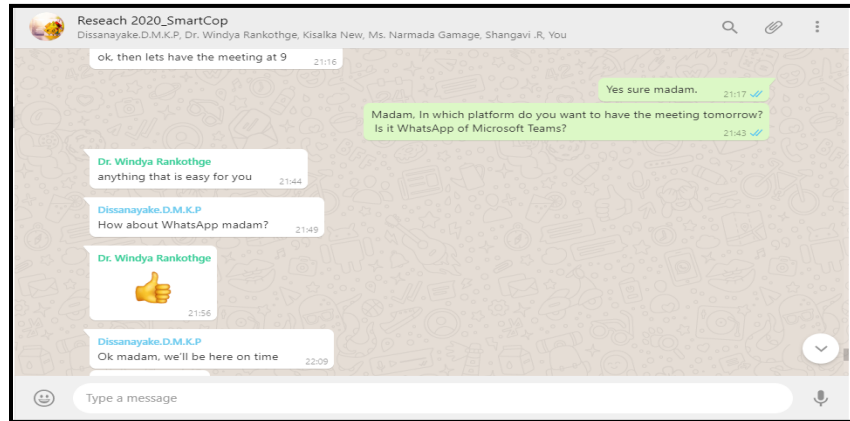


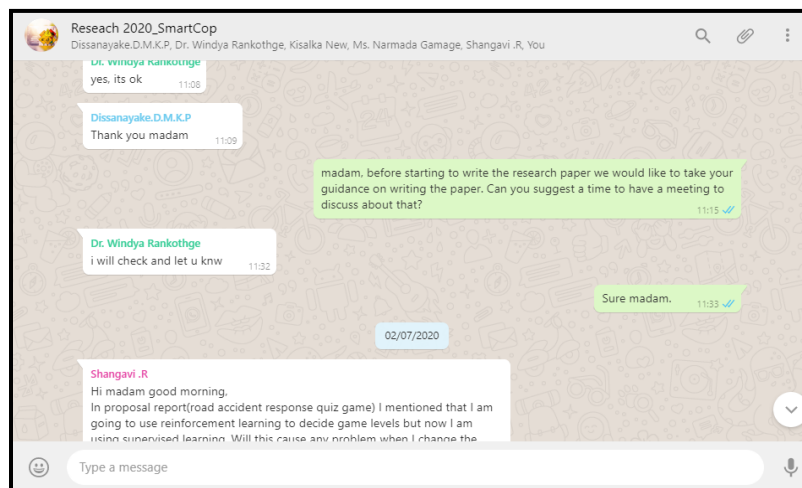
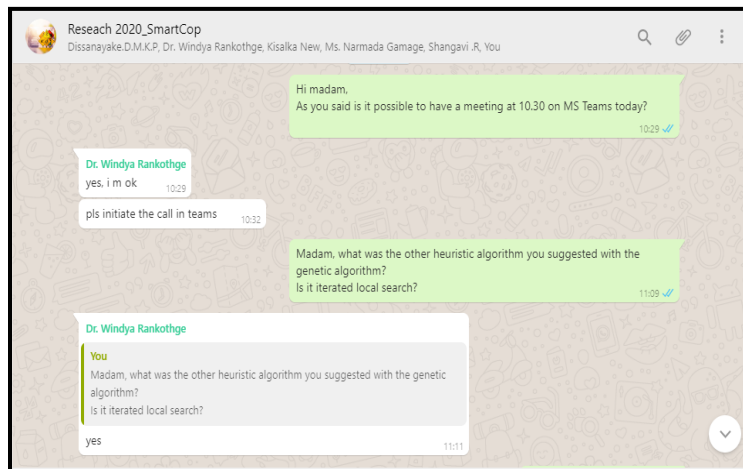
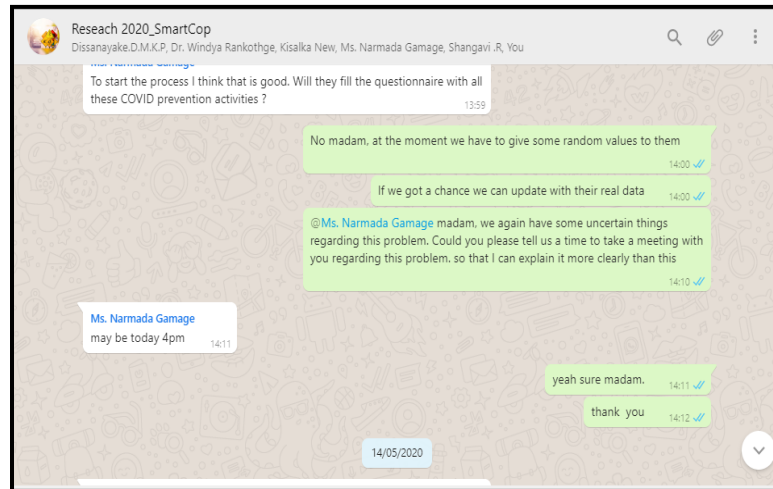




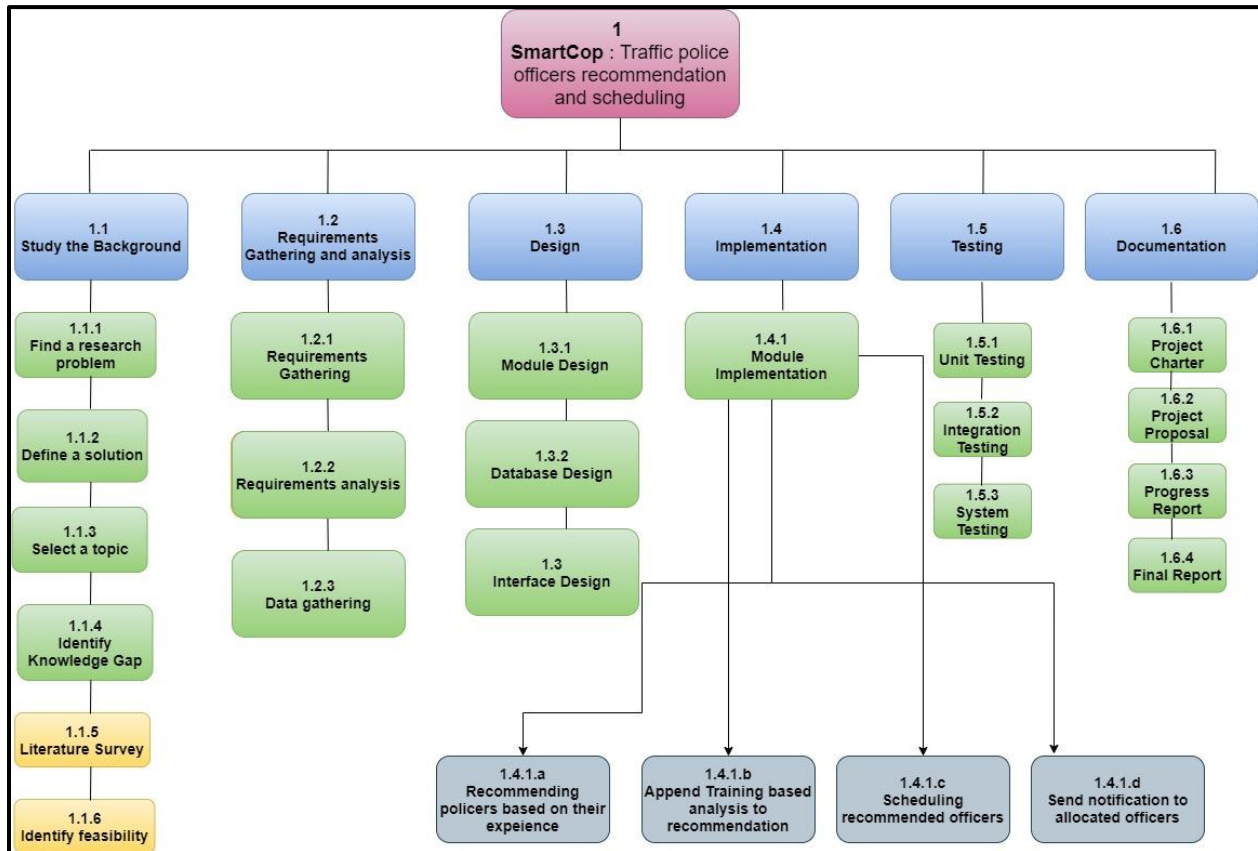








Work Breakdown Structure



Test Cases

Test Case ID	Action	Input	Expected Output	Actual Output
TC-01	Launch the web application	-	SmartCop home page	Load the web page
TC-02	Click on home page	-	Redirect to the home page	Redirect to the home page
TC-03	Type command to up the flask backend server	python app.py	Flask backend server is up and running	Flask backend server is up and running
TC-04	Type command to check whether the backend connect with the frontend application	python app.py npm start	Front-end end is up and loaded on the browser	Front-end end is up and loaded on the browser
TC-04	Click on navigation link “officers”	-	Redirect to the “Police Officers Recommendation” dashboard	Redirect to the “Police Officers Recommendation” dashboard
TC-05	Click on “Time Zone One” button	-	View recommended police officers for time zine one	View recommended police officers for time zine one

TC-06	Click on “Time Zone Two” button	-	View recommended police officers for time zine two	View recommended police officers for time zine two
TC-07	Click on “Time Zone Three” button	-	View recommended police officers for time zine three	View recommended police officers for time zine three
TC-08	Click on “Time Zone Four” button	-	View recommended police officers for time zine four	View recommended police officers for time zine four