# FLAREPATH – ADVANCED VEHICLE FIRE SAFETY AND MONITORING WITH RAPID EMERGENCY DISPATCH SOLUTIONS

R24-058

Status Document-1



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IOT Recod Fire Extinguisher Mechanism Codes	Frrort Bookmark not defined

## Meetings & Calls

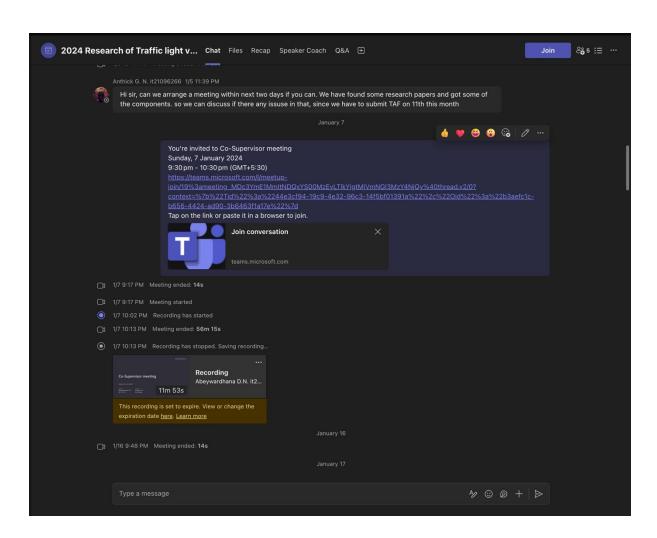
#### Meetings with supervisor and co-supervisor

Meeting with both supervisor and co-supervisor about the project progress and improvements that we need to do to our project.

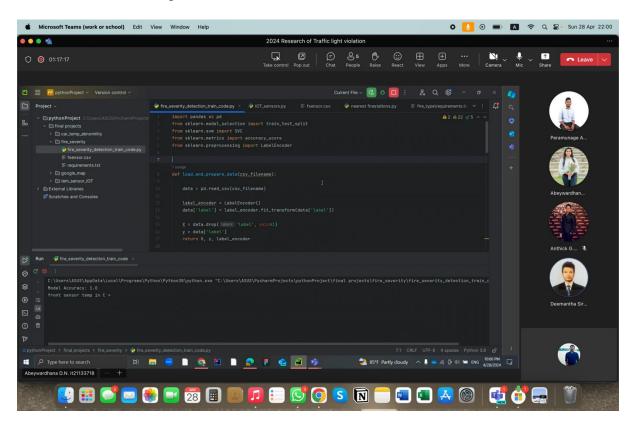




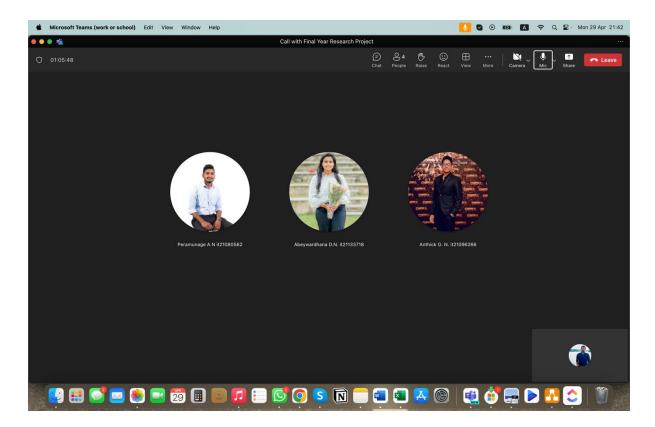




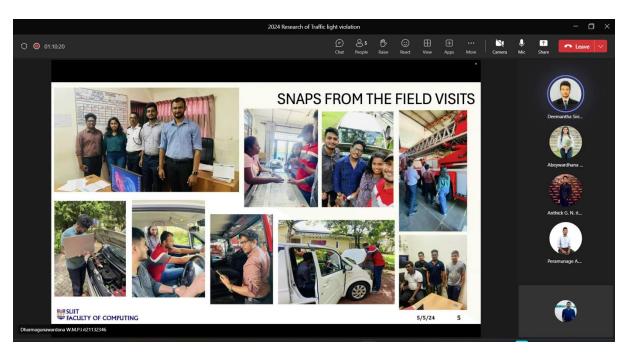
#### Code review with co-supervisor



Group meeting with group membwes



#### Presentation review with supervisor



## Meetings with Domain Experts

Meeting With fire department officers and staff.

Mr.Nanayakkara chief office of Fire department and discuss about the domain knowladge and requirements.



		202	2 FIRE	CALLS	AND C	OTHER	SERVI	CES					
	january	february	march	april	may	june	yluį	august	september	october	november	december	TOTAL
FIRE CALL	38	31	48	10	24	12	25	25	24	21	16	25	299
RESCUE CALL	2	1	5	2	1	2	0	2	4	2	3	2	26
EMERGENCY CALL	6	1	0	1	8	0	0	3	2	9	2	5	37
AMBULANCE CALL	0	1	2	0	2	0	1	2	0	1	6	9	24
VIP DUTIES	37	37	45	1	1	2	15	33	32	38	32	33	306
SPECIAL SERVICE	24	19	12	11	2	7	1	6	6	5	10	20	123
TEST CALL	3	3	3	0	1	5	1	2	5	5	7	9	44
INSPECTION OF DANGER PLASE	0	0	0	0	0	0	0	0	0	39	16	40	95
TOTAL	110	93	115	25	39	28	43	73	73	120	92	143	954
prepared by - K.T.S.Fernando		A.P.J.	Preethilal			W.S.	R.N Sena	nayake			C.A.Wilson		

# Snapshots from Field Visit









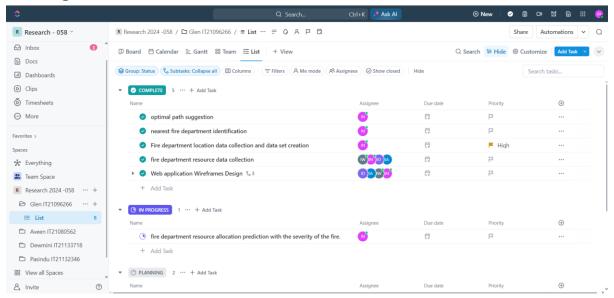




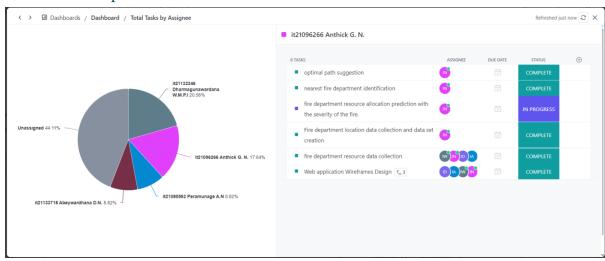




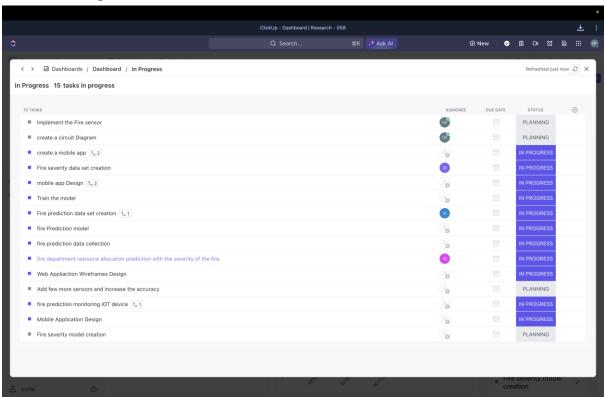
## Clickup Tasks Allocation



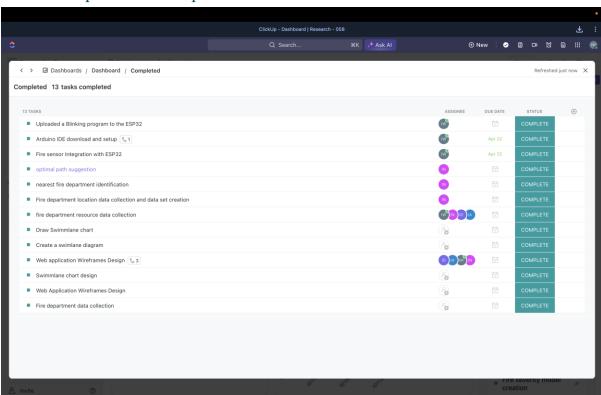
#### CkickUp Dashboard



#### In Progress Tasks



#### Completed Tasks upto PP1



## Project Implementation

#### Data Collection

Collecting Fire department vehicle data.





## Datasets

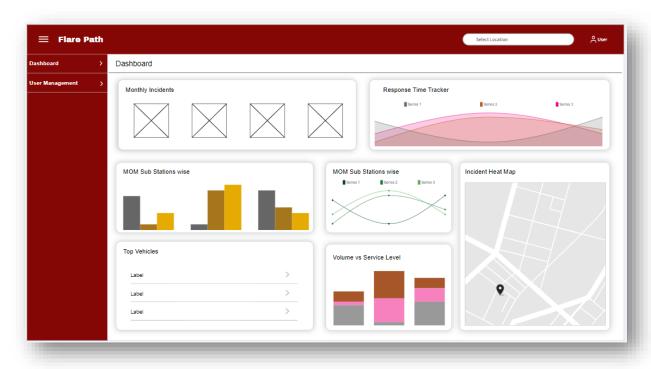
#### From Fire Department

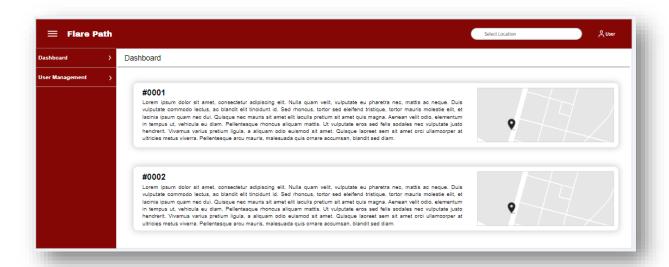
vehicle_registered_	department_regis station	vehicle_type	fuel_capacity_lite fue	_consumption_Km	approved_monthly_	fuel_quantity_lite	water_capacity_heigh	foam_capacity_h	eigh max_height_	lif none_user_vel
41-3154	60 H	Water Carrier	99	3	unlimited		6750 L	N/A	N/A	N
41-6595	94 H	Water Carrier	116	3	unlimited		6750 L	N/A	N/A	N
41-9077	108 3	T T Ladder	200	1.5	unlimited		N/A	N/A	45 M	Y
43-6259	113 1	Canter	90	6	unlimited		N/A	N/A	N/A	N
47-2272	114 3	Canter	90	6	unlimited		N/A	N/A	N/A	N
226-2485	117 1	Sky Lift	300	2	unlimited		N/A	N/A	54 M	Y
JO-9877	124 1	Canter	90	6	unlimited		N/A	N/A	N/A	Y
_A-1272	125 H	Water Carrier	300	3	unlimited		8000 L	N/A	N/A	N
CA-9955	127 H	Car	50	10		200	N/A	N/A	N/A	Υ
253-0090	128 H	Double Cab	70	7		150	N/A	N/A	N/A	N
PA-7804	132 H	Rescue Cab	75	5	unlimited		N/A	N/A	N/A	Y
-W-0270	133 H	Ambulance	70	6		300	N/A	N/A	N/A	Y
-W-0271	134 H	Ambulance	70	6		300	N/A	N/A	N/A	Y
-W-0272	135 2	Ambulance	70	6		300	N/A	N/A	N/A	Y
-W-0273	136 1	Ambulance	70	6		300	N/A	N/A	N/A	Y
KE-6158	139 H	Jeep	180	5	unlimited		N/A	N/A	N/A	Y
NA-5585	140 H	Mini Bus	70	6	unlimited		N/A	N/A	N/A	Y
NA-5586	141 H	Mini Bus	70	6	unlimited		N/A	N/A	N/A	Y
F-1098	143 3	Command Control	100	5	unlimited		N/A	N/A	N/A	Y
F-1114	144 H	Mobile Workshop	100	5		200	N/A	N/A	N/A	Y
.F-1136	147 H	Boom Truck	200	7		500	N/A	N/A	N/A	Y
.W-0336	148 H	RIV	100	6		500	N/A	N/A	N/A	Υ
.W-0343	149 2	RIV	100	6		500	N/A	N/A	N/A	Υ
.W-0347	150 3	RIV	100	6		500	N/A	N/A	N/A	Υ
PB-5971	151 H	Double Cab	80	8		150	N/A	N/A	N/A	Υ
_F-7192	152 2	High Angle Rescue	180	6		150	N/A	N/A	N/A	Υ

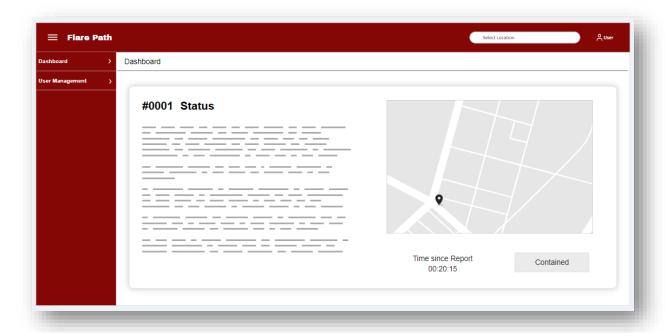
#### From RDA

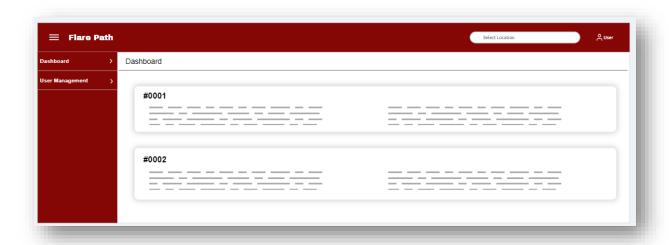
		ALL LENGTHS ARE IN KILOMETRES									
ROUTE NO	ROAD NAME		то	PARTIAL ROAD LENGTH	TOTAL ROAD LENGTH	EE_DIVISION	CER_NAME	PROVINCE	SUB TOTAL OF PARTIAL ROAD LENGTHS		
	(1.0) WESTERN PROVINCE			·							
	(1.1) COLOMBO										
	(1.1.1) AVISSAWELLA										
B030.10	Approach Roads to Public Buildings (Avissawella)	0.00	0.80	0.80	0.80	Avissawella	COLOMBO	WESTERN			
B123	Galagedera - Horana	0.00	19.05	19.05	19.05	Avissawella	COLOMBO	WESTERN			
B145	Hanwella Junction Road	0.00	0.80	0.80	0.80	Avissawella	COLOMBO	WESTERN			
B188	Kaluaggala - Labugama	0.00	14.00	14.00	14.00	Avissawella	COLOMBO	WESTERN			
B239	Kottawa - Talagala	0.00	15.48	15.48	15.48	Avissawella	COLOMBO	WESTERN			
B267	Mampe - Kottawa	0.00	6.23	6.23	6.23	Avissawella	COLOMBO	WESTERN			
B285	Meepe - Ingiriya	0.00	18.09	18.09	18.09	Avissawella	COLOMBO	WESTERN			
B291	Mirihana - Udahamulla - Nawinna	0.00	3.38	3.38	3.38	Avissawella	COLOMBO	WESTERN			
B335	Old Bazaar Road, Maharagama	0.00	0.80	0.80	0.80	Avissawella	COLOMBO	WESTERN			
B354	Panagoda - Henpita	0.00	6.44	6.44	6.44	Avissawella	COLOMBO	WESTERN			
B367	Piliyandala - Maharagama	0.00	7.37	7.37	7.37	Avissawella	COLOMBO	WESTERN			
B389	Ratmalana - Mirihana	4.83	8.05	3.22	8.05	Avissawella	COLOMBO	WESTERN			
B426	Tummodera - Puwakpitiya	0.00	9.65	9.65	9.65	Avissawella	COLOMBO	WESTERN	105.31		
	(1.1.2) COLOMBO MUNICIPAL COUNCIL (C.M.C)										
B084	Colombo - Horana	0.00	28.01	28.01	28.01	C.M.C.	COLOMBO	WESTERN	28.01		
	(1.1.3) COLOMBO										
B011	Allan Avenue, Dehiwela	0.00	1.96	1.96	1.96	Colombo	COLOMBO	WESTERN			

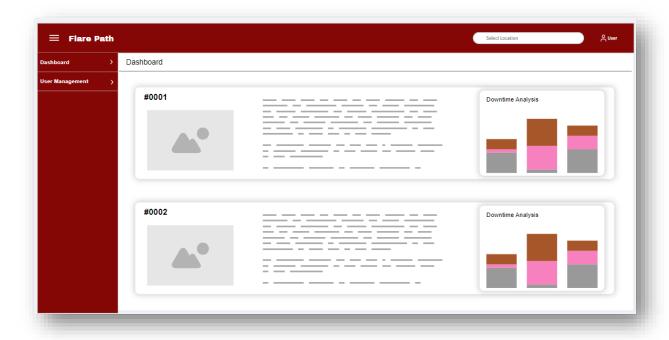
## Wireframes



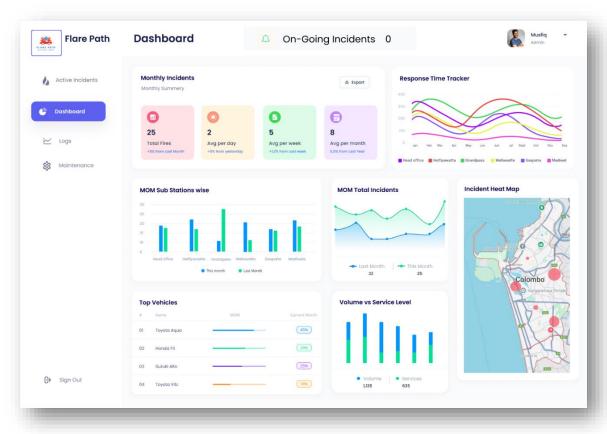


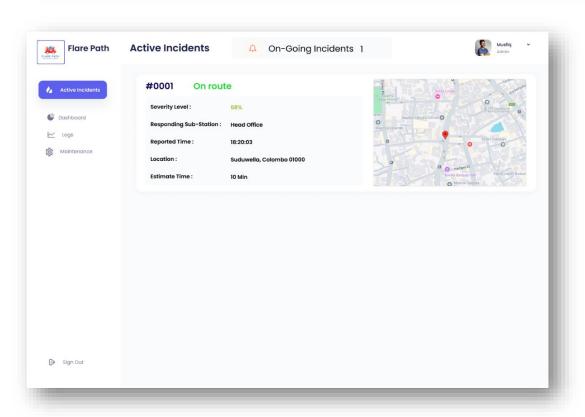


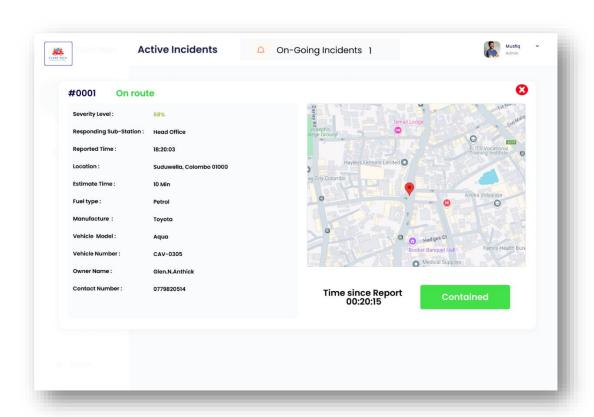


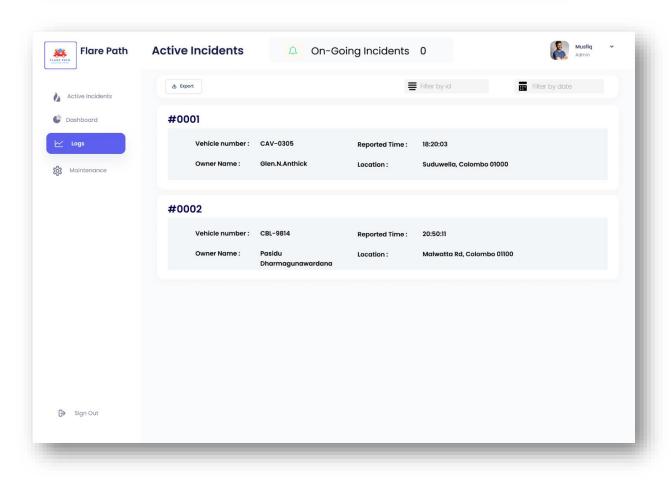


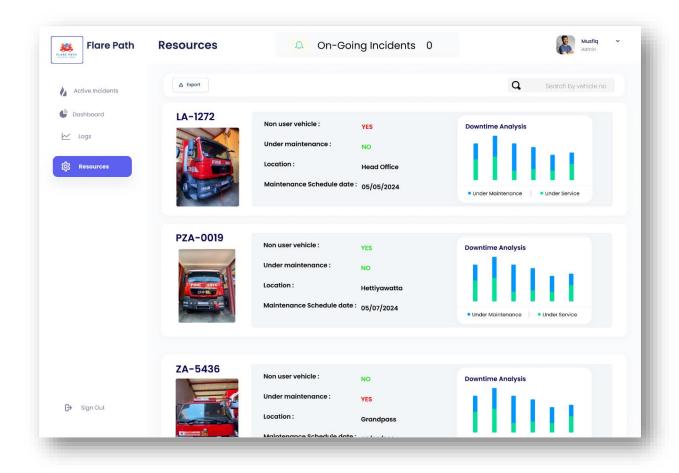
# Mobile Application UI



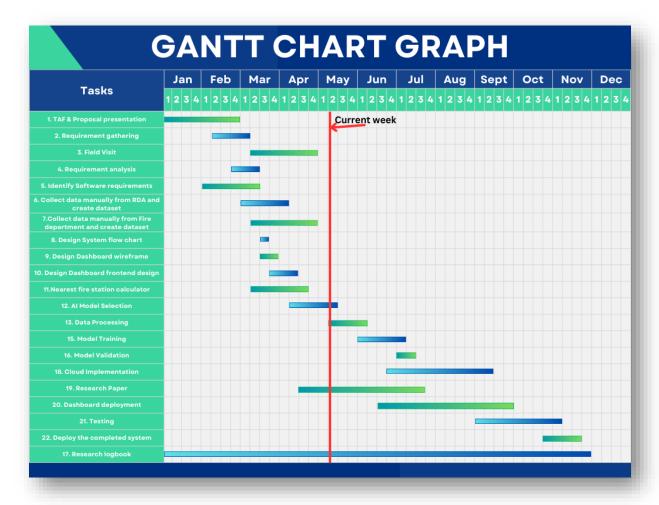








#### **Gantt Chart**



## Work Breakdown Structure

