Making Sensor Sense

Managing/Participant

Alfiriya Deng

Stakeholders

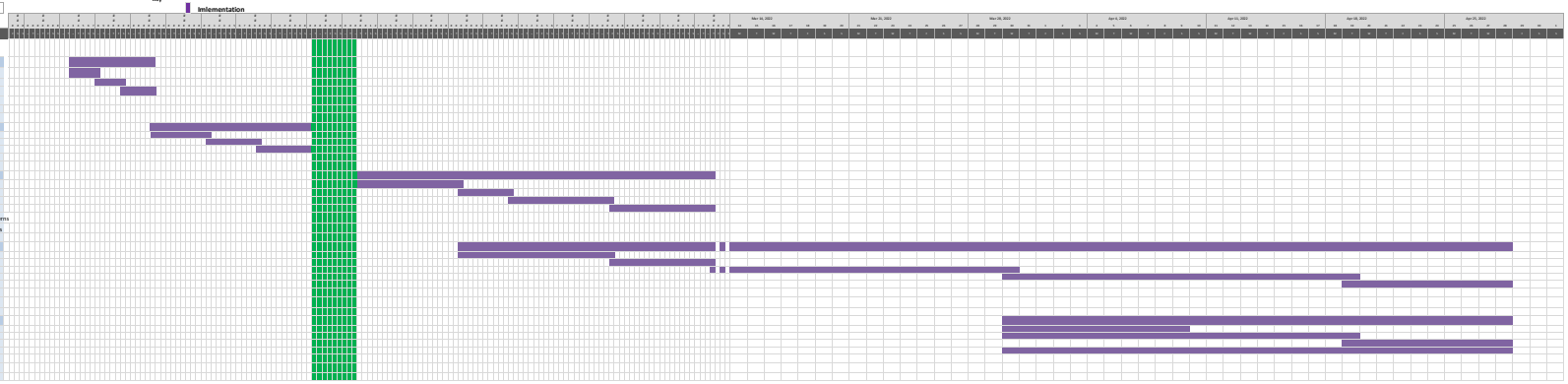
Project Start: Wed, 26/08/2026

Display Week: 1

GANTT CHART by Vertex42.com
https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

Key

Vacation

Imlementation

Milestones	Questions	PROGRESS	START	END
Making Sensor Sense				
WP1 Preliminary research and Literature Review			11/9/25	11/10/25
Understanding optimisation of AQ Sensor network accuracies		0%	11/9/25	11/9/25
Understanding outdoor AQ impact on urban ventilation systems		0%	11/9/25	11/11/25
Identify outdoor air pollution variables link to indoor AQ		0%	11/11/25	11/10/25
	Success Criteria: Literature review completed			
	Deliverable: Literature Review extended from Hackathon report deaminated to project team and used to design next steps			
WP2 Software validation with existing datasets			11/19/25	12/10/25
AirNode's AQ validation software to existing UO AQ datasets fo		0%	11/19/25	11/10/25
Applying task 1 findings to Breathe London's AQ dataset		0%	11/19/25	12/1/25
Analyse the output of UO AQ networks		0%	12/10/25	12/10/25
	Success Criteria: Analysis done on all AQ datasets			
	Deliverable: Reports visualisable on Dashboard of all analysis			
WP3 Implementing the findings from WP1 and WP2 to the new AQ network in NTU S			12/10/25	3/10/22
Set up new AQ network		0%	12/10/25	3/10/22
Analyse and optimise the pilot network		0%	1/19/22	3/19/22
Analyse irregular patterns in the network		0%	1/19/22	3/10/22
Analyse the impact on the indoor ventilation system		0%	2/18/22	3/10/22
	Success Criteria: AQ network tested and implemented, AirNode software identifying irregular Patterns			
	Deliverable: AQ network displaying AQ measurements near schools and report of irregular patterns visualised on the dashboard and impact on ventilation systems			
WP4 Citizen Science for Schools with post-evaluation survey			1/19/22	4/19/22
Dashboard to monitor and before analysis		0%	1/19/22	3/10/22
Tests or class lessons to analyse AQ measurements and Pre surv		0%	2/18/22	3/10/22
Mitigating experiments to reduce air pollution levels		0%	3/10/22	3/10/22
Measuring experiments		0%	3/10/22	4/19/22
Individual analysis		0%	4/19/22	4/19/22
	Success Criteria: School Programme is completed			
	Deliverable: Presentations, Analysis and AQ measurements completed School choosen further processes with presentations i.e. parents evening or contacting experts			
WP5 Integrating the software and datasets on DAFNI platform for scale-up and disse			3/10/22	4/19/22
Apply AirNode validation on DAFNI platform to real-time AQ net		0%	3/10/22	4/5/22
Report insights from optimising Low-cost AQ networks		0%	3/10/22	4/19/22
Conducting Post Surveys and evaluating increase in science capit		0%	4/19/22	4/19/22
Conducting further processes (parents evening, seminar, comms		0%	3/10/22	4/19/22
	Success Criteria: Pupil's science capital increase evident from presentations			
	Deliverable: Evaluations of where science capital increased program of continued processes and results upload to DAFNI