

# Machine Vision-Based Anti-Backscatter Lighting System for Unmanned Underwater Vehicles

3 May 2024

## Sidharth Shanmugam MEng Project 2023/24

<https://github.com/Sidharth-Shanmugam-MEng-Project-2023-24/project-timeline>

Project manager

Sidharth Shanmugam

Project dates

18 Mar 2024 - 30 May 2024

Completion

50%

Tasks

14

Resources

1

Tasks

2

Name	Begin date	End date	No te s
[TASK] Record test footage	18/03/2024	22/03/2024	
[TASK] Research real-time metrics and implement in V1	18/03/2024	22/03/2024	
[MILESTONE] Software V1	25/03/2024	25/03/2024	
[BUFFER] Handle backlog/Easter break	25/03/2024	12/04/2024	
[TASK] Implement PREEMPT-RT	15/04/2024	19/04/2024	
[TASK] Implement multiprocessing	15/04/2024	19/04/2024	
[TASK] Underwater test recording	22/04/2024	24/04/2024	
[TASK] Prepare demonstration	22/04/2024	24/04/2024	
[DELIVERABLE] Demonstration	25/04/2024	25/04/2024	
[BUFFER] Handle backlog	25/04/2024	15/05/2024	
[TASK] Write final report	25/04/2024	17/05/2024	
[DELIVERABLE] Final Report	20/05/2024	20/05/2024	
[TASK] Prepare presentation for viva	20/05/2024	29/05/2024	
[DELIVERABLE] Presentation/Viva	30/05/2024	30/05/2024	

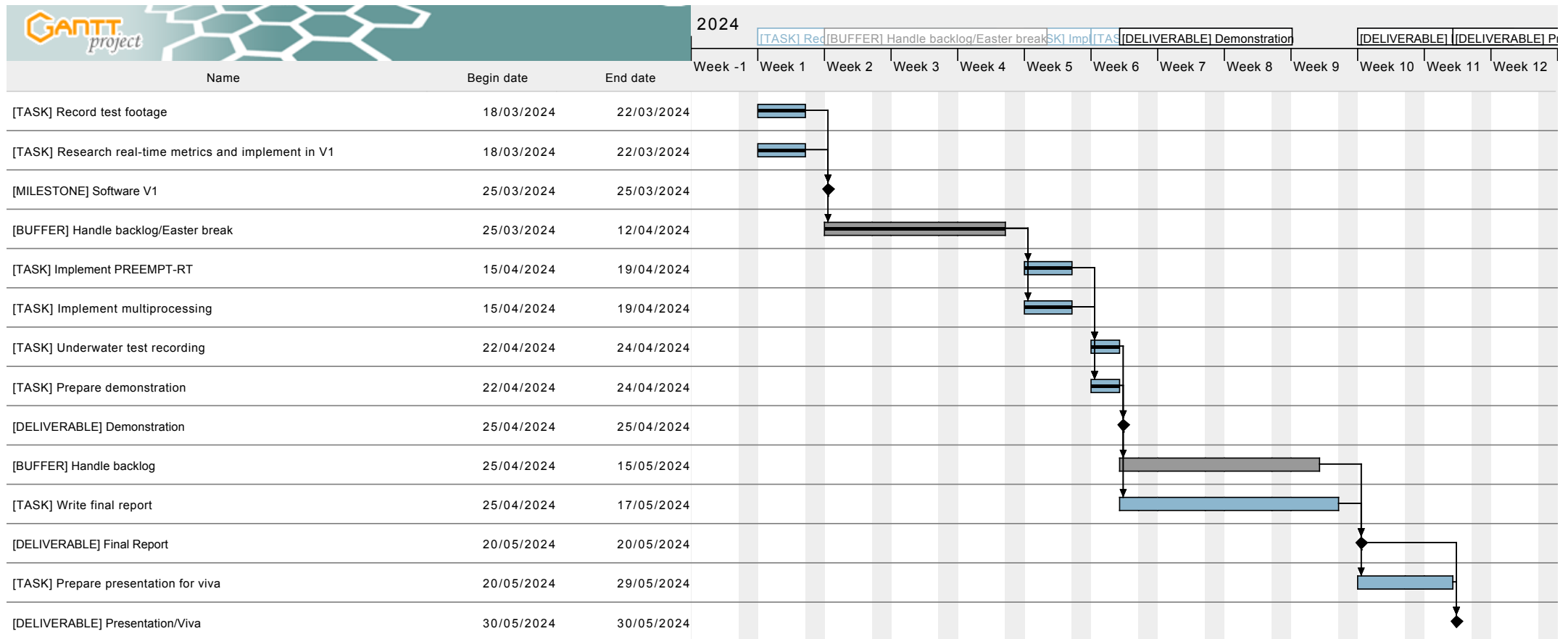
Resources

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Name	Default role
Sidharth Shanmugam	project manager

# Gantt Chart

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## Resources Chart

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