

CS436 Project: Marking Scheme

Milestone	Deadline	Component Tasks	Sub. Marks	Eval. Marks	Total
Week 1	11 Nov	Setup & Feature Matching	0	4	4
		Image Dataset Collection		2	
		Feature Matching Implementation		2	
Week 2	17 Nov	Two-View Reconstruction	2	8	10
		Essential Matrix Estimation		3	
		Pose Recovery & Disambiguation		3	
		Point Cloud Generation		2	
Week 3	27 Nov	Multi-View SfM & Refinement	2	8	10
		Incremental Pose Estimation (PnP)		3	
		Map Expansion		3	
		Refinement (Bundle Adjustment)		2	
Week 4	03 Dec	Interactive Visualization	1	8	9
		Viewer and Scene Setup		2	
		Navigation Logic		2	
		Animated Transitions		4	
Week 5	7 Dec	Final Submission	0	12	12
		Final Report (PDF)		6	
		Codebase & Repository		6	
Total Project Marks			5	40	45

Evaluation Instructions

- **Evaluation Schedule:** Evaluations of your progress will be conducted approximately every two weeks by a TA or instructor. These sessions will assess the functional correctness and quality of your implementation for all milestones completed up to that point.
- **Weekly Submissions:** Weekly milestones are designed to keep your project on track.
- **Deadlines:** All weekly deadlines are rigid and will NOT be extended.
- **Missed Deadlines:** If you fail to complete a task by its weekly deadline, you will still be evaluated for that specific week later on. You are still expected to complete the work for it to be assessed in the next evaluation session.