

Assignment No.-2

Aim: Execute and Monitor Project Plan

Update % Complete with current task status. Review the status of each task. Compare Planned vs Actual Status. Review the status of Critical Path. Review resources assignation status.

Theory: How to execute and monitor project plan?

To execute a project plan, tasks are assigned to team members based on their roles, and work is performed step by step according to the schedule. Resources such as software tools and hardware are used effectively, and small modules are developed and integrated continuously.

During execution, progress is monitored by comparing actual work with the planned schedule using tools like spreadsheets or project management software. Regular meetings help track progress and identify any problems early, such as delays or technical issues. If any problems arise, corrective actions are taken by adjusting resources or reassigning tasks. Quality is ensured by testing each module as it is completed. This systematic execution and continuous monitoring help the project stay on track, reduce errors, and achieve the objectives successfully.

Project Title: Dash Cam Application

Theory (Background / Concept of Project)

To execute the Dash Cam Application project plan, tasks like designing the user interface, integrating video recording functionality, and implementing an SOS emergency button are assigned to team members based on their roles.

Development will use Android Studio for building and testing mobile features and Winsuef AI for automated code generation to speed up development. As each part of the system is developed, it will be integrated step by step. The project progress is monitored by comparing actual work with the schedule using progress reports or simple spreadsheets. Regular meetings are held to discuss the work completed, identify any problems like delays

or technical errors, and take corrective actions such as reassigning tasks or adding resources.

Continuous testing ensures that video recording works smoothly and the SOS button triggers emergency actions correctly. This organized execution and monitoring process help complete the Dash Cam Application on time, with high quality and efficiency.

1. Project Plan Details

Project Title	Dash Cam Application		
Project Manager	Nikhil		
Start Date	1st September 2025		
Planned Finish Date	30th September 2025		
Report Period	1st Sept - 12th Sept 2025		

2. Task Progress Update

Sr. No .	Task Name	Assigned To	Planned Start	Planned End	% Complete	Actual Start	Actual End	Remarks
1	Requirement Gathering	Subodh	1-Sep-2025	3-Sep-2025	100%	1-Sep-2025	3-Sep-2025	Completed on time
2	System Design (UI + Architecture)	Nikhil	4-Sep-2025	6-Sep-2025	100%	4-Sep-2025	6-Sep-2025	Completed on time
3	Video Recording Module Integration	Pranav	7-Sep-2025	8-Sep-2025	100%	7-Sep-2025	8-Sep-2025	Completed without issues
4	SOS Button Implementation	Nikhil	9-Sep-2025	12-Sep-2025	60%	9-Sep-2025	-	On track
5	Testing & Debugging	Subodh	13-Sep-2025	18-Sep-2025	0%	-	-	Pending
6	Final Review & Deployment	Pranav	19-Sep-2025	30-Sep-2025	0%	-	-	Scheduled

3. Planned vs Actual Status Comparison

Metric	Planned	Actual	Variance / Deviation
Total Duration (Days)	30	20	On schedule
Tasks Completed (%)	40%	40%	None

Milestones Achieved	1	1	None
Budget Spent (if any)	₹0	₹0	None

🛠 4. Critical Path Review

Path No.	Task Sequence	Planned Duration	Actual Duration	On Track (Yes/No)	Delay Reason
1	Requirement Gathering → System Design → Video Module → SOS Button → Testing → Deployment	30 days	12 days	Yes	None

👤 5. Resource Assignment Status

Resource Name	Role	Assigned Tasks	Load (%)	Availability	Remarks
Nikhil	Project Manager / Developer	All tasks	80%	Full-time	Working efficiently, no conflicts

💡 6. Observations and Recommendations

- Task Delays: None at present. Implementation is progressing as planned.
- Resource Conflicts: None detected.
- Suggestions for Reallocation or Rescheduling: Proceed with SOS button implementation and monitor daily.
- Risks or Bottlenecks Identified: Possible risk of delays if integration of the SOS feature takes longer than planned.
- Corrective Actions Proposed: Perform daily progress checks and address issues immediately.

Next Review Date: 15th September 2025

☑ Conclusion

The Dash Cam Application project is currently progressing as scheduled, with initial tasks completed successfully. SOS button implementation is ongoing, with a completion rate of 60%. No major risks have been identified so far, and resource allocation remains optimal. Continued close monitoring will help ensure timely project completion.