

6.5 PLANNING AND PROJECT MANAGEMENT

Table 6.1 Showing details about project planning and management

| Activity | Starting Week | Number of Weeks |
|---|-----------------------|-----------------|
| Literature Review | 3rd week of July | 3 |
| Finalizing Problem Statement | 2nd week of August | 1 |
| Access and Permission for Required Software | 3rd week of August | 2 |
| Hardware Setup for ESP32-CAM and ESP32 | 1st week of September | 1 |
| Python IDE Server Development and Configuration | 2nd week of September | 2 |
| Basic Testing of ESP32-CAM Camera Feed | 4th week of September | 1 |
| Development of Drowsiness Detection Algorithm | 1st week of October | 2 |
| Integration of ESP32 for HTTP Alerts | 3rd week of October | 1 |
| Testing and Calibration of Drowsiness Detection | 4th week of October | 1 |
| Final System Testing and Debugging | 1st week of November | 1 |
| Project Report Preparation | 1st week of November | 1 |
| Project Presentation Preparation | 1st week of November | 1 |

The Gantt chart is shown below:

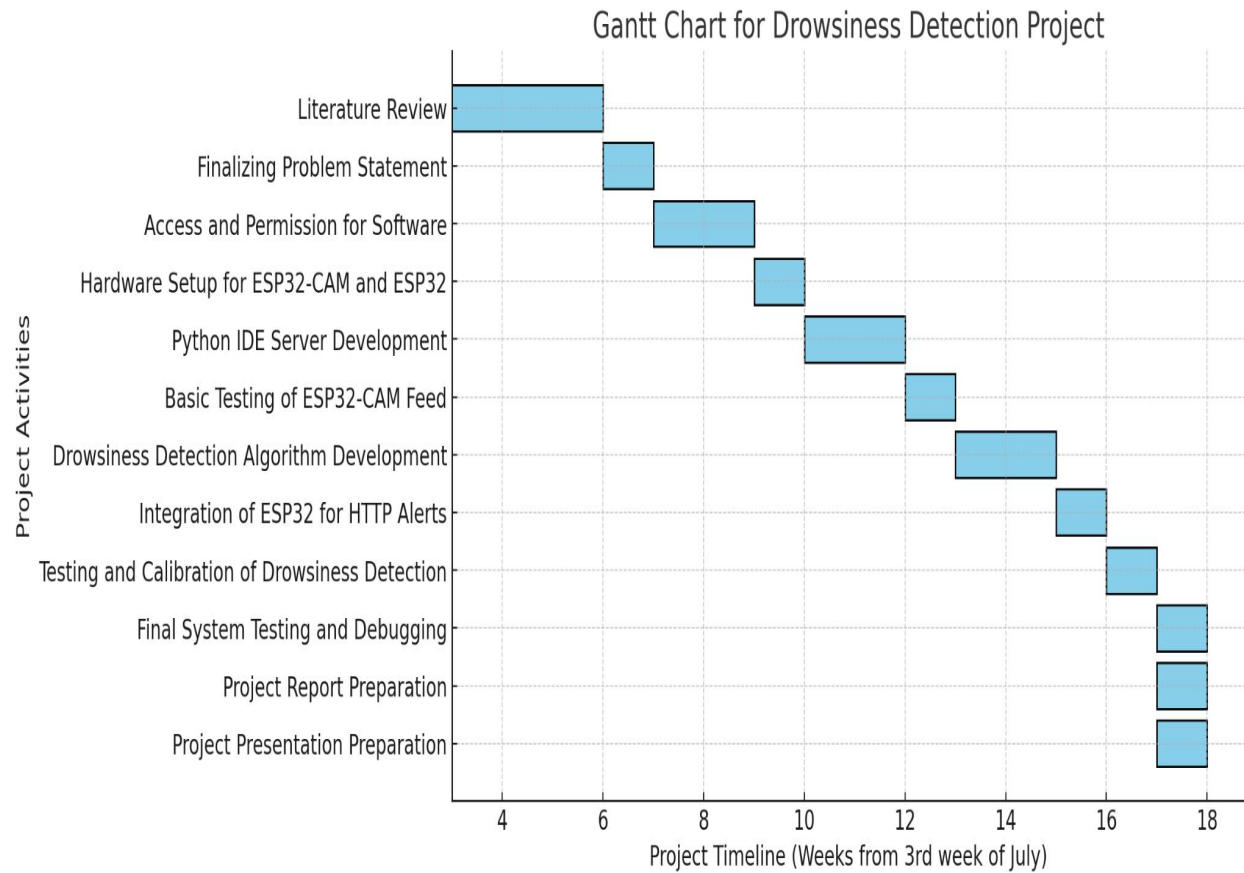


Fig 6.1: Gantt chart