**Project Timesheet — Data Warehouse.**

| **Date** | **Task Description** | **Hours Spent** | **Remarks** |
| --- | --- | --- | --- |
| Aug 10, 2025 | Project setup, folder structure, FastAPI initialization | 5 hrs | Created backend skeleton and file layout |
| Aug 11, 2025 | Sensor data form and table rendering | 8 hrs | Built HTML form and dynamic table |
| Aug 12, 2025 | Sensor data submission and deletion endpoints | 8 hrs | FastAPI routes with validation |
| Aug 13, 2025 | SQLite integration for sensor storage | 4 hrs | Created DB schema and CRUD logic |
| Aug 14, 2025 | Video upload form and preview setup | 6 hrs | HTML form, file validation, video tag |
| Aug 15, 2025 | FastAPI static file serving for videos | 4 hrs | Mounted video folder and preview links |
| Aug 16, 2025 | Storage usage calculation backend | 4 hrs | Wrote logic to scan folders and sum sizes |
| Aug 17, 2025 | Chart.js integration for storage breakdown | 6 hrs | Rendered pie/bar charts with live data |
| Aug 18, 2025 | Sensor analytics charts (pie + line) | 8 hrs | Chart.js setup with selector and trends |
| Aug 19, 2025 | ML dataset export feature | 4 hrs | Export logic with time filtering |
| Aug 20, 2025 | UI styling and layout cleanup | 4 hrs | CSS refinements, spacing, alignment fixes |
| Aug 21, 2025 | Bug fixes and chart responsiveness | 4 hrs | Resolved layout and rendering issues |
| Aug 23, 2025 | Security review and input validation | 2 hrs | File type checks, form validation |
| Aug 24, 2025 | Final report writing and documentation | hrs | Prepared README, report, and timesheet |