Sprint 6

🎯 Sprint Goal

Finalize the core functionality and polish the user experience by introducing task export, sorting, and a theme toggle — ensuring the application is production-ready and user-friendly.

📝 Tasks Delivered

- 📍 **PTM16** – Sort tasks by due date within each status group
- 📍 **PTM17** – Export all tasks to a downloadable CSV file
- 📍 **PTM20** – Add light/dark mode theme toggle button

⚙️ Technical Implementation

📅 PTM16 – Sort Tasks by Due Date

- Applied consistent date-based sorting in `getTasksByStatus()`
- Tasks without due dates placed at the end using `Infinity` logic
- Sorting occurs after filtering by status, title, and priority

📤 PTM17 – Export Tasks to CSV

- Added "Export to CSV" button above task list
- Used `Blob` to generate CSV from task array
- Triggered download via dynamic `<a>` element with `download` attribute
- Ensured headers and task fields were formatted consistently

🌓 PTM20 – Theme Toggle Button

- Created a toggle button in the header
- On click, adds/removes `dark-theme` class on `<body>`
- CSS variables (`--bg-color` , `--text-color` , etc.) control all visual changes
- Works instantly and persists until page reload

🔗 Related Links

- 🔗 [GitHub Repo](#)
- 🔗 [Sprint 6 Planning](#)
- 🔗 [Sprint 6 Retrospective](#)