TaskCore - Monthly Timeline for Project Development and Reporting

Month	Week	Work Description
June	Week 4 (28 June)	Final Title Submission + Intro Presentation
July	Week 1 – 2	Refine feature list, finalize modules, sketch UI (hamburger layout)
	Week 3	Begin WPF project setup, implement base UI and hamburger menu layout
	Week 4 *(26 July)*	**Requirement Analysis + Final Workflow Submission** Present final module flow and UI plan
August	Week 1	Build process list module (Name, PID, RAM, CPU, Path) using Process API + WMI
	Week 2	Add TreeView structure for parent/subprocess grouping with expand/collapse
	Week 3	Implement End Task + Admin check logic
	Week 4 (30 Aug)	**Demo 1–2 Modules** Show: process list, TreeView, End Task working
September	Week 1	Add memory filter + auto-refresh logic (1s values, 5s structure reload)
	Week 2	Optimize memory usage: cache icons, reduce load, cap under 200MB
	Week 3	Add graphs tab (LiveCharts2 for CPU & RAM), basic watchdog tab (blacklist detection)
	Week 4 (27 Sept)	Final Demo + Submission

- **Advanced Functionality (Time-Permitting Enhancements)**

If development progresses ahead of schedule and time allows, the following advanced features will be implemented to extend the capabilities of TaskCore:

1. **Search and Filters**

   o Implement search functionality to locate tasks by name, PID, or memory usage.

   o Add advanced filters (e.g., show only processes above a certain RAM threshold).

2. **Detailed Task Information**

   o Show extended process details such as executable path, thread count, start time, and version info when a process is selected.

3. **RAM Cleanup Utility**

   o   Identify memory-heavy or idle background processes and allow the user to clean up RAM safely with one-click termination options.

4. **Watchdog Monitoring System**

   o   Monitor a blacklist of banned processes (e.g., games, tools) and alert the user if they are launched.

   o   Future potential to auto-kill or log such processes.