Time Management Plan

The Gantt chart below outlines the total 14-week project schedule from December to March.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Task	Dec W2	Dec W3	Dec W4	Jan W1	Jan W2	Jan W3	Jan W4	Feb W1	Feb W2	Feb W3	Feb W4	Mar W1	Mar W2
2	MIDTERM PHASE													
3	- Planning & Research	X												
4	- Basic Implementation	X	X											
5	- Testing & Documentation	X												
6	- Midterm Submit	X												
7														
8	FINAL PHASE													
9	- Goal Tracker (Progress Gauge)		X	X										
10	- Pace Zones (Distribution Chart)			X	X									
11	- Cumulative Distance (Area Chart)				X	X								
12	- Marathon Dashboard					X	X	X						
13	- UI Polish & Styling							X	X	X				
14	- Feature Enhancement (Tooltips)								X	X				
15	- Testing & Bug Fixes									X	X	X		
16	- Final Documentation										X	X	X	
17	- Final Submit												X	
18														

MIDTERM PHASE (Weeks 1-2)

As shown in the chart, I allocated the first 2 weeks to planning and core implementation. This front-loaded approach was chosen because understanding the p5.js template structure and data format early would reduce rework later. I prioritised the 4 main visualisations (bar chart, line chart, pie chart, scatter plot) to establish reusable constructor patterns.

FINAL PHASE (Weeks 3-14)

- **Weeks 3-6:** New visualisations. As indicated in the chart, I allocated 4 weeks here because each feature requires design, implementation, and integration. Simpler features (Goal Tracker, Pace Zones) are scheduled first to build momentum.
- **Weeks 7-9:** UI polish. Three weeks are dedicated to refinement because consistent styling across 8 visualisations requires careful iteration.
- **Weeks 10-11:** Testing and documentation. Allocated 2 weeks to ensure thorough bug fixing before the deadline.
- **Weeks 12-14:** Final review and submission buffer.

This schedule ensures completion before the Osaka Marathon (late February), allowing me to incorporate real race data if desired.