

TASKS.md

Date initialized: 2026-02-16

Cadence: 1-hour deliverables with hard deadlines

Source: mvp-1-collab-board/G4 Week 1 - CollabBoard-requirements.pdf

Priority Lanes

- Lane A: MVP hard gate (must pass first)
- Lane B: AI board agent
- Lane C: Submission artifacts and documentation
- Lane D: Operations (Linear, transcripts, OpenClaw readiness)

Hourly Execution Plan

ID	Deadline (CT)	Task	Lane	Max	Status
T-001	2026-02-16 14:30	Finalize PRESEARCH.md from PDF rubric	C	Max	Done
T-002	2026-02-16 15:00	Finalize PRD.md, MVP.md, DECISIONS.md	C	Max	Done
T-003	2026-02-16 15:30	Break implementation work into Linear tickets	D	Max	Done
T-004	2026-02-16 16:30	Initialize app scaffold (web + backend functions)	A	Max	Todo
T-005	2026-02-16 17:30	Implement authentication flow	A	Max	Todo
T-006	2026-02-16 18:30	Implement presence and multiplayer cursors	A	Max	Todo
T-007	2026-02-16 19:30	Implement object create/move/edit + realtime sync	A	Max	Todo
T-008	2026-02-16 20:30	Implement infinite pan/zoom + shape support	A	Max	Todo
T-009	2026-02-16 21:30	Run 2-browser and refresh/disconnect tests	A	Max	Todo
T-010	2026-02-17 09:30	Deploy MVP public URL + verify hard gate checklist	A	Max	Todo
T-011	2026-02-17 12:00	Add AI command dispatcher and 3 basic commands	B	Max	Todo
T-012	2026-02-18 12:00	Expand to 6+ commands including layout + complex	B	Max	Todo
T-013	2026-02-19 18:00	Add automated tests for core collaboration flows	A	Max	Todo
T-014	2026-02-20 18:00	Prepare early submission package (video + docs)	C	Max	Todo
T-015	2026-02-22 20:00	Final polish, cost analysis, social post assets	C	Max	Todo
T-	2026-02-22	Final submission freeze and upload	C	Max	Todo

		Initial Subsystem Review and Approval				
016	22:00					
T-	2026-02-17	Implement and validate BoardObject + CursorPresence schemas	A	Max	Todo	
017	14:00					
T-	2026-02-17	Implement LWW/versioned write and optimistic reconcile policy	A	Max	Todo	
018	16:00					
T-	2026-02-18	Add AI idempotency records and per-board FIFO command ordering	B	Max	Todo	
019	14:00					
T-	2026-02-18	Enable Firestore offline persistence + RTDB onDisconnect()	A	Max	Todo	
020	17:00					
T-	2026-02-19	Add Playwright multi-context e2e for sync + concurrent AI commands	A	Max	Todo	
021	12:00					
T-	2026-02-19	Add Konva stage manager optimization for high object count	A	Max	Todo	
022	16:00					

Dependency Map

- T-004 blocks T-005, T-006, and T-007.
- T-005 blocks T-006 (identity labels) and T-010 (auth hard-gate).
- T-006 and T-007 block T-009.
- T-007 blocks T-017 and T-018.
- T-008 depends on baseline object model from T-007.
- T-017 blocks T-019 and T-021.
- T-018 blocks T-021.
- T-019 blocks final AI reliability sign-off.
- T-020 blocks disconnect/reconnect validation.
- T-009, T-020, and T-021 block T-010 and hard-gate confidence.
- T-010 blocks T-011 and T-012 for post-MVP AI expansion.

Execution Roles

- Max: accountable owner and final decision maker.
- Codex: architecture/docs/review support and implementation assistance.
- Cursor: implementation acceleration and rapid edits.
- Claude: adversarial review and prompt iteration support.

Linear Integration Status

- Integration confirmed for team Maxpetrusenko.
- Created issues:
 - T-004 -> MAX-19
 - T-005 -> MAX-20
 - T-006 -> MAX-21
 - T-007 -> MAX-22
 - T-008 -> MAX-23
 - T-009 -> MAX-24
 - T-010 -> MAX-25
- New tickets required:
 - T-017 through T-022 (to be created next)

Required Artifacts Checklist

- [] Public deployed URL
- [] Demo video (3-5 minutes)
- [] Pre-Search checklist completion
- [] AI Development Log (1 page)
- [] AI Cost Analysis (dev spend + projections)
- [] Architecture overview + setup guide in repo
- [] Social post draft with screenshots

Linear Ticket Skeleton

Use this template for each ticket:

- Title: [Lane] <Feature/Task>
- Description:
 - Goal
 - Scope in/out
 - Acceptance criteria
 - Test plan
 - Deadline

Operations Tasks

- [] Export session transcripts and keep in Sessions/
- [] Publish curriculum/transcript package to Notion.
- [] Confirm OpenClaw read/push access remains functional.
- [] Keep DECISIONS.md updated whenever architecture changes.