

This is a tight turnaround. Moving the deadline to Sunday Midnight removes your safety buffer. You now have approximately 3.5 days (including today).

Since the README analysis confirms the architecture is modular (Client/Server split), you can parallelize work effectively to meet this deadline.

Here is the Revised Sprint Schedule & Action Plan to ensure you complete the work and generate the necessary "proof of collaboration" by Sunday night.



The 3.5-Day Emergency Sprint (Thurs – Sun Midnight)

Thursday (Today): Setup & Foundation (CRITICAL)

* Goal: By 11:59 PM tonight, the repo must be live, everyone invited, and environments running on all 5 laptops.

* Tasks:

* Lead (Wasike): Create GitHub Org &

Repo. Push the skeleton code (Client/Server/Mobile folders).

- * Backend Team (Elongu, Mukunzi): Run `npm install` and `npx prisma init`. Ensure MySQL connects. Push `schema.prisma` changes.

- * Frontend Team (Mwima, Adong): Run `npm install`. Ensure the React server starts. Commit the folder structure.

- * Proof: ~5-10 commits today (Initial Setup, `.gitignore`, Dependency adds).

Friday: The "Heavy Lift" (Features)

- * Goal: Core logic implementation.

- * Backend Team:

- * Implement User and Vote models in Prisma.

- * Create the "OTP/Token" logic for the One-Person-One-Vote requirement.

- * Frontend Team:

- * Build the Login Page (Input for Student ID/Token).

- * Build the Voting Dashboard (List of candidates).

- * Collaboration: Create GitHub Issues for "API Endpoints" and "UI Wireframes".

Comment on them to clarify data types.

Saturday: Integration (The Danger Zone)

- * Goal: Connect Frontend to Backend. Do not wait until Sunday.

- * Action:

- * Frontend Team consumes the API. Fetch candidates from the database.

- * Backend Team enables CORS and fixes connection errors.

- * Auditability Feature: Backend team implements the logging system for "Immutable logs".

- * Proof: Pull Requests (PRs) opened. Reviews must happen today. "LGTM" (Looks Good To Me) comments are vital for your grade.

Sunday: Polish, Docs & Submission

- * Morning (8:00 AM – 12:00 PM):

- * Testing: Run npm test as specified in the README. Fix breaking bugs.

- * Afternoon (12:00 PM – 6:00 PM):


- * Documentation: Fill the /docs folder. Upload the ERD and API Flow charts.

- * Readme Update: Ensure the README.md contributors list is accurate and setup steps work.

- * Evening (6:00 PM – 11:59 PM):

- * Final Merge: Merge all branches to main.

- * Mobile Bonus: If time permits, push the basic React Native screen to mobile/. If not, ensure the folder exists but is documented as "Future Work".

 Critical Adjustments for the Sunday Deadline

- * Drop "Nice-to-Haves":

- * If React Native (Mobile) is slowing you down, abandon it. The README lists it as "Optional/Bonus". Focus on the Web Client

and Server.

- * Simplify the "Real-time Reporting". A simple refresh button is faster to build than live WebSockets.

- * Strict Branching Strategy:

- * With less time, merge conflicts will kill you.

- * Frontend works strictly in client/ folder.

- * Backend works strictly in server/ folder.

- * Docs person works strictly in docs/ and README.md.

- * The "Proof" Checklist (For Grading):

- * Ensure the Gantt Chart (GitHub Projects) shows items moving from "Todo" to "Done".

- * Ensure Contributors Graph shows activity from all 5 members. If one person (e.g., Elongu) does backend, make sure Adong reviews his code so her name

appears in the history.