Adjusted Project Timeline - Attendance Tracker (12-Week Course)

This timeline has been adjusted for a 12-week course schedule. The project is currently in Week 3, so milestones have been compressed to ensure all deliverables are completed by Week 12.

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| Week | Phase / Milestone | Tasks | Deliverables |
| Week 3 | Phase 1: Requirements & Planning (M2) | Finalize requirements, use cases, personas, FRs/NFRs. Validate with customer/professor. | Requirements Specification Document |
| Week 4 | Phase 2: Design (M5) | Create ER diagram, system architecture, UI mocks/wireframes. | ER Diagram, UI Mockups |
| Week 5 | Phase 3: Setup Foundations (M1, M3) | Finalize GitHub repo, branching rules, release schedule, assign team roles. | Version Control, Release Schedule |
| Week 6 | Phase 3: Database Setup (M4) | Develop schema.sql and seed.sql, test with MySQL, verify sample queries. | Database schema & seed files, test queries |
| Week 7–8 | Phase 4: Backend Development | Set up Node/Express backend, configure DB connection, implement CRUD APIs, Postman tests. | Working backend API |
| Week 8–9 | Phase 4: Frontend Development | Build HTML forms and tables, validation, integrate with backend APIs. | Functional frontend connected to backend |
| Week 10 | Phase 4: Reports | Implement attendance reports (topic, speaker, room utilization), display tables/charts. | Reports page |
| Week 11 | Phase 5: Testing & Evaluation (M6) | Perform unit/system testing, verify acceptance criteria, final team self-eval. | Test results, Final Team Self-Evaluation Document |
| Week 12 | Phase 6: Documentation & Delivery (M7) | Finalize README, user/technical docs, prepare slide deck, rehearse and deliver demo. | Final Docs, Slide Deck, Demo Presentation |

# Visual Timeline (Gantt Chart)

