

Critical Path – Event Management System (Group 11)

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The Critical Path represents the sequence of essential tasks that determine the shortest possible completion timeline for the project. Any delay in these tasks will delay the entire project.

1. Finalize Project Scope & Charter (Planning Phase)

Defines the foundation of the entire system. Design and development cannot begin without scope approval.

2. UI/UX Wireframes & Database Schema (Design Phase)

These two design assets are prerequisites for development. Backend and frontend both depend on finalized UI and data models.

3. Core Development Modules (Development Phase)

- Ticketing module
- Registration module
- Payment integration
- Session selection assistant
- Venue map & seat selection

4. Integration & Testing of Payment Gateway

Payment workflow is mission-critical for event registration. If integration fails, the whole system becomes unusable.

5. Full System Testing & Bug Fixing (Testing Phase)

Testing ensures the MVP is functional, secure, and stable. A delay in testing pushes final report & presentation preparation.

6. Final Documentation & Presentation (Finalization Phase)

This includes:

- Deployment documentation

- Training guide
- Final project report
- Final presentation slides

Summary of Critical Path Flow:

Scope → Design → Core Development → Payment Integration → Testing → Final Documentation & Presentation