**Case Study: Basic Scheduling**

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| Task | Duration | Predecessors | Milestone / Activity |
| (A) Gathering Information | 2 Days | - | - |
| (B) Time Planning | 1 Day | Gathering Information | - |
| (C) Risk Assessment | 3 Days | Gathering Information | - |
| (D) Scope Definition | 2 Days | Gathering Information | Project Management |
| (E) Use Cases | 1 Day | Project Management | - |
| (F) ERD Diagrams | 1 Day | Project Management | - |
| (G) Requirement Analysis | 2 Days | Project Management, Use Cases, ERD Diagrams | - |
| (H) Team Roles | 1 Day | Project Management, Use Cases, ERD Diagrams | - |
| (I) Marketing Plan | 4 Days | Project Management | - |
| (J) PR Plan | 4 Days | Project Management | Planning |
| (K) UI/UX | 5 Days | Project Management, Use Cases, ERD Diagrams | - |
| (L) Review Design | 2 Days | Project Management, Use Cases, ERD Diagrams, UI/UX | Design |
| (M) Front-End | 6 Days | Project Management, Use Cases, ERD Diagrams, UI/UX | - |
| (N) Testing for Front-End | 2 Days | Project Management, Use Cases, ERD Diagrams, UI/UX | - |
| (O) Back-End | 8 Days | Project Management, Use Cases, ERD Diagrams, UI/UX, Front-End, Testing for Front-End | - |
| (P) Testing for Back-End | 3 Days | Project Management, Use Cases, ERD Diagrams, UI/UX, Front-End, Testing for Front-End | - |
| (Q) Integration and Deployment | 3 Days | Project Management, Use Cases, ERD Diagrams, UI/UX, Front-End, Back-End, Testing | Production Phase |

**Delivery Date:** 50 Days.

**Which tasks can be delayed without delaying the schedule?**

* Marketing Plan.
* PR plan.
* Testing.
* Team Roles.