**Case Study: Basic Scheduling**

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| Task | Duration | Predecessors | Milestone / Activity |
| Gathering Information | 2 Days | - | - |
| Time Planning | 1 Day | Gathering Information | - |
| Risk Assessment | 3 Days | Gathering Information | - |
| Scope Definition | 2 Days | Gathering Information | Project Management |
| Use Cases | 1 Day | Project Management | - |
| ERD Diagrams | 1 Day | Project Management | - |
| Requirement Analysis | 2 Days | Project Management, Use Cases, ERD Diagrams | - |
| Team Roles | 1 Day | Project Management, Use Cases, ERD Diagrams | - |
| Marketing Plan | 4 Days | Project Management | - |
| PR Plan | 4 Days | Project Management | Planning |
| UI/UX | 5 Days | Project Management, Use Cases, ERD Diagrams | - |
| Review Design | 2 Days | Project Management, Use Cases, ERD Diagrams, UI/UX | Design |
| Front-End | 6 Days | Project Management, Use Cases, ERD Diagrams, UI/UX | - |
| Testing for Front-End | 2 Days | Project Management, Use Cases, ERD Diagrams, UI/UX | - |
| Back-End | 8 Days | Project Management, Use Cases, ERD Diagrams, UI/UX, Front-End, Testing for Front-End | - |
| Testing for Back-End | 3 Days | Project Management, Use Cases, ERD Diagrams, UI/UX, Front-End, Testing for Front-End | - |
| 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.