| **Phase No.** | **Phase Name** | **Duration (Weeks)** | **Start Week** | **End Week** | **Tasks/Deliverables** |
| --- | --- | --- | --- | --- | --- |
| 1 | Requirements Gathering | 2 weeks | 1 | 2 | Collect functional & non-functional requirements |
| 2 | System Design | 2 weeks | 3 | 4 | Architecture design, database design, UI wireframes |
| 3 | Implementation (Backend) | 4 weeks | 5 | 8 | API development, database integration, user roles logic |
| 4 | Implementation (Frontend) | 4 weeks | 7 | 10 | UI development, form validation, dashboard |
| 5 | Integration | 2 weeks | 11 | 12 | Connect frontend + backend, handle requests/responses |
| 6 | Testing & Debugging | 2 weeks | 13 | 14 | Unit testing, integration testing, bug fixing |
| 7 | Deployment | 1 week | 15 | 15 | Deploy on LAN or web server, finalize build |
| 8 | User Training & Docs | 1 week | 16 | 16 | User manuals, training for HR/admin/staff |
| 9 | Buffer | 2 weeks | 17 | 18 | Rework, polish, feedback-based changes |

