**inventory control system project**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TASK** | **START DATE** | **DAYS NEEDED** | **COMPLETION** | **ADJUSTED LENGTH** |
| **PHASE 1:**  Planning and Design (Days 1-5)   * Define project scope and requirements (Days 1-2) * Design database schema (Days 2-3) * Create wireframes for GUI (Days 3-4) * Develop a detailed project schedule (Day 4-5) | 27/03/2025 | 5 | 01/04/2025 | 10 |
| **PHASE 2:**  Database development   * Implement SQLite3 database (Days 6-8) * Design and implement database tables (Days 8-10) * Develop data access functions (Days 10-12) * Test database functionality (Days 12-15) | 02/04/2025 | 9 | 11/04/2025 | 15 |
| **PHASE 3:**  GUI Development (Days 16-30)   * Implement wxPython GUI framework (Days 16-18) * Design and implement GUI components (Days 18-22) * Develop GUI event handlers (Days 22-25) * Test GUI functionality (Days 25-30) | 12/04/2025 | 14 | 26/04/2025 | 19 |
| **PHASE 4:**  Business Logic and Integration (Days 31-40)   * Implement inventory management logic (Days 31-33) * Integrate database and GUI (Days 33-35) * Develop reporting and analytics features (Days 35-38) * Test system integration (Days 38-40) | 27/04/2025 | 9 | 06/05/2025 | 12 |
| **PHASE 5:**  Testing and Deployment (Days 41-48)   * Conduct unit testing and debugging (Days 41-43) * Perform system testing and quality assurance (Days 43-45) * Deploy the system (Days 45-46) * Document the system (Days 46-48) | 07/05/2025 | 7 | 12/05/2025 |  |