Software Engineering

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| **S. No** | **Practical Title** |
| **1.** | * Problem Statement, * Process Model |
| **2.** | Requirement Analysis:   * Creating a Data Flow * Data Dictionary, Use Cases |
| **3.** | * Computing FP * Effort * Schedule, Risk Table, Timeline chart |
| **4.** | Design Engineering:   * Architectural Design * Data Design, Component Level Design |
| **5.** | Testing:  • Basis Path Testing |

**Sample Projects:**

Q1. *Criminal Record Management:* Implement a criminal record management system for jailers, police officers and CBI officers

Q2. *DTC Route Information:* Online information about the bus routes and their frequency and fares

Q3. *Car Pooling:* To maintain a web based intranet application that enables the corporate employees within an organization to avail the facility of carpooling effectively.

Q4. Patient Appointment and Prescription Management System

Q5. Organized Retail Shopping Management Software

Q6. Online Hotel Reservation Service System

Q7. Examination and Result computation system

Q8. Automatic Internal Assessment System

Q9. Parking Allocation System

Q10. Wholesale Management System