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Chapter 3: Database Design: Fundamentals of database design, including ER diagrams, normalization, and database management systems (DBMS).

Chapter 4: System Implementation: Choosing appropriate technologies and platforms, coding practices, and version control.

Chapter 5: System Testing: Different testing methodologies (unit, integration, system, user acceptance testing), bug fixing, and quality assurance.

Chapter 6: System Maintenance: Post-implementation support, bug fixes, enhancements, and system evolution.

Chapter 7: Case Studies: Real-world examples showcasing the application of systems analysis and

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