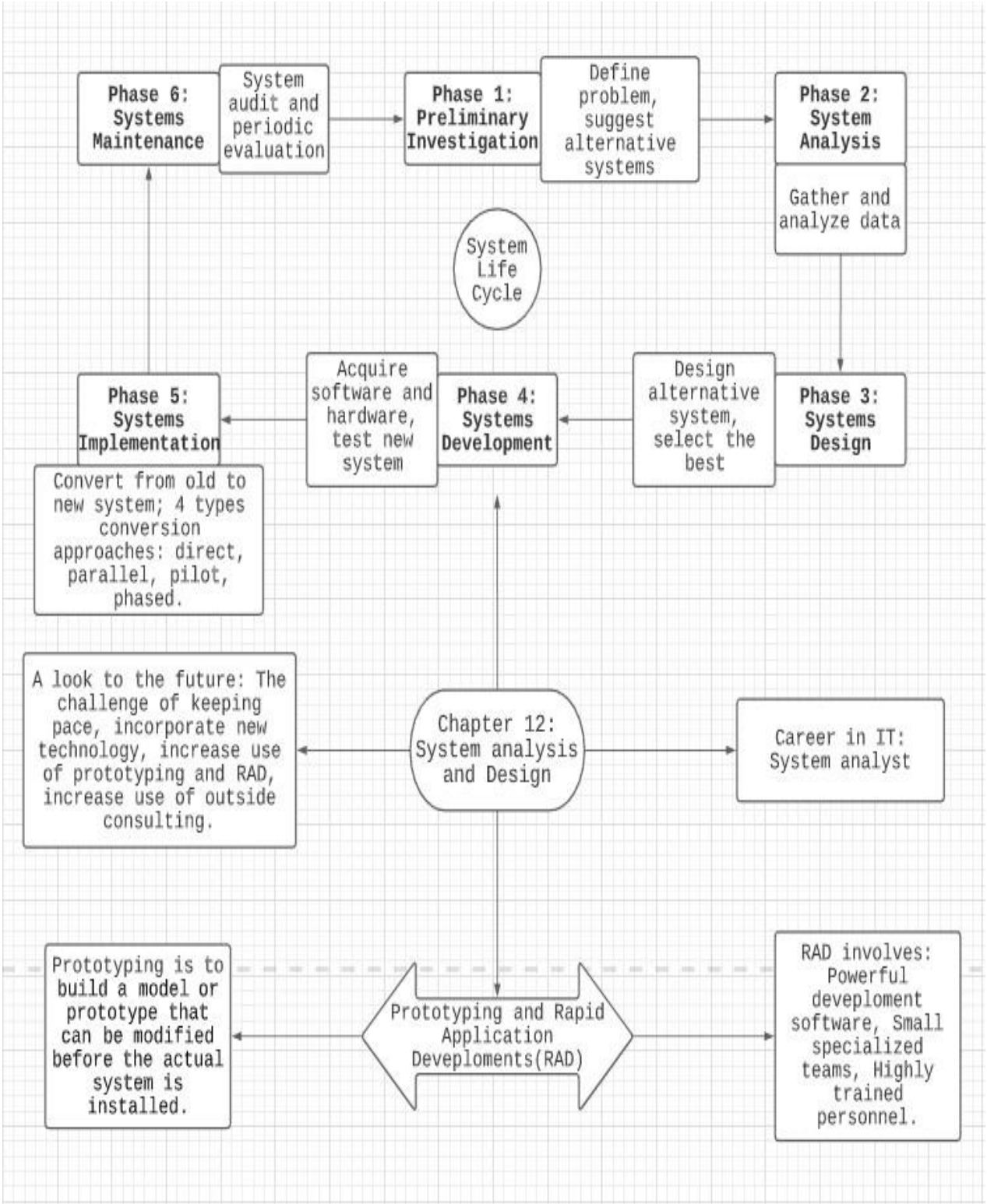
Phase 6: Systems Maintenance
System audit and periodic evaluation
Phase 1: Preliminary Investigation
Define problem, suggest alternative systems
Phase 2: System Analysis
Gather and analyze data
System Life Cycle
Phase 5: Systems Implementation
Acquire software and hardware, test new system
Phase 4: Systems Development
Design alternative system, select the best
Phase 3: Systems Design
Convert from old to new system; 4 types conversion approaches: direct, parallel, pilot, phased.
A look to the future: The challenge of keeping pace, incorporate new technology, increase use of prototyping and RAD, increase use of outside consulting.
Chapter 12: System analysis and Design
Career in IT: System analyst
Prototyping is to build a model or prototype that can be modified before the actual system is installed.
Prototyping and Rapid Application Deveploments(RAD)
RAD involves: Powerful deveploment software, Small specialized teams, Highly trained personnel.