**-Unit test planning**

**- Unit test case preparation**

**-Unit test conduct**

**-Unit test records**

**- Software unit coding**

**- software unit debugging**

**-Software requirement specification**

**- software work package definition**

**- software unit detail design**

Software Build

Unit test

Software design

**- Installation planning**

**- User support documentation**

**- user communication and training**

**- Installation management and coordination**

**- Installation technique testing and verification**

**- Installation performance monitoring**

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**- Configuration management**

**- Quality assurance development tools and utilities**

**- Development environment upkeep**

**-Internal product liaison**

**- Team technical training**

**- Module & Subsystem testing**

**- System integration testing**

**- Acceptance testing**

**- Defect classification, tracking & metrics**

**- Deliverables tracking**

**- Deliverables production and packaging**

**- Hardware requirement planning**

**- Hardware system definition**

**- Hardware component selection**

**- Hardware unit testing**

Deliverable Management

Hardware

1.4

**- Technical Planning**

**- Technical supervision**

**- System requirements definition**

**- System architecture & top-level design**

Systems Engineering

**- Planning**

**- Cost & schedule management**

**- Scope Management**

**-Task management**

**- project communications**

**- Risk management**

**- Procurement management**

**-Quality management**

Project Management

1.8

Support Services

1.7

1.6

1.5

1.3

1.2

1.1

System test

Software

Auto

Irrigation