Technical Project Lifecycle

"Helping You Build a Project Management Culture."

ADVISICON UNIVERSITY

PM

1.0 Initiating	2.0 Planning	3.0 Execute and Control	4.0 Close

SDLC

1.1 Initiation Process	2.1 General Management Planning	2.2 Requirements Clarification	2.3 System Design	2.4 Detail Systems Development Planning	3.1 Build	3.2 Test and Integrate	3.3 Deploy	4.1 Closeout Process

Defining and Managing the Product

1.1.1 Initial Request

Problem/Opportunity Statement
Anticipated Benefits of Project
Strategic Objectives Supported
Impacted Organizations
Organizations Benefiting
Expenses
Resources
Time Frame
Other Project Impacted
Sponsor

Review 1A — SG1

2.2.1 Requirements Clarification

Requirements Plan
Analysis and Prioritization
Verification

2.2.2 Requirements Document

2.3.6 Systems Spec

2.4.7 Quality Inspection Plan

3.1.6 Integration Plan

3.2.7 User and Customer Acceptance Criteria and Procedures

3.1.5 Test Plan

3.2.1 Test Scripts

3.1.4 Validate Business Requirements

3.2.5 Test and Integration Records

3.1.3 Verify Systems Specs

General Project Management

2.1.1	Project Staffing
2.1.2	Quality
2.1.3	Communications
2.1.4	Security
2.1.5	Configuration Mgmt
2.1.6	Enterprise Arch
2.1.7	Procurement
2.1.8	PM WBS
2.1.9	PM Schedule
2.1.10	Budget
2.1.11	Risk Mgmt
2.1.12	Scope/Change Mgmt
2.1.13	Prod. Dev. Method.
2.1.14	Performance Mgmt

2.3.1 Design Alternatives Analysis and Feasibility Study

2.4.1 Product Deliver WBS

3.1.1 Execute the Systems Development Plan

3.2.3 Rework Schedules and Records

3.3.1 Deployment Records

Planning and Managing the Product

1.1.2 Project Charter

Project Description
Business Objectives
Project Impacts
Success Criteria

Products and Deliverables
Out of Scope
Assumptions
Constraints

Project Costs
Resource estimates
Maintenance Costs/ Revenue
Cost/Benefit Analysis

Risk Analysis
Proposed Schedule
Stakeholders

2.3.2 Contracting Philosophy & Plan

2.4.2 Systems Development Activity Definition

3.1.2 Rework as needed to deliver requirements and conform to specs

3.2.4 Deployment Plan

3.3.2 Acceptance Test Documentation

2.3.3 Make – Modify – Buy Decision

2.4.3 Systems Development Resource Plan

3.2.5 Training Plan

3.3.3 Rework Records

2.3.4 Verification of Design and Tradeoffs With Stakeholders

2.4.4 Systems Development Schedule

3.2.6 Maintenance Plan

3.3.4 Final User and Customer Acceptance Sign-Off

4.1.1 Document Requirements Not Delivered

2.3.5 Systems Design

2.4.5 Systems Development Budget

3.3.5 User Training Documentation

4.1.2 Closeout Contracts

2.4.6 Systems Development Risk Assessment/Plan

3.3.6 Transfer to O&M Sign-Off

4.1.3 Document Lessons Learned

Stage Gates

| Stage Gate 1B — SG2 | Stage Gate 2 — SG2 | Stage Gate 3 — SG3 | Stage Gate 4 — SG4 | Sign Contracts | Stage Gate 5 — SG5 | Stage Gate 6 — SG6 | Stage Gate 7 — SG7 | Stage Gate 8 — SG8 | Stage Gate 9 — SG9 |

Sponsor*

Project Steering Committee*

Project Management Office*

* Stage gate decision makers

🔒 Subject to Change Control