SDLC - Draft Version 2

PHASES

Initiation → **Requirements & Planning** → **Analysis & Design** → **Construction or Configuration** → **Testing** → **Post Implementation**

#Activities
- Identify Potential Projects Work
- Prioritize Projects/ Work
- Conduct Feasibility
- Select Engaged Project Sponsor
- Order of Magnitude Estimates
- Customer Introduction to SDLC
- Show and Tell of Existing Systems/ Projects
- IT Plan

#Activities
- Fund the Project
- Initial Resourcing Activities
- Requirements Gathering
- Configure the Environment
- Project put into Time Entry System
- Better Estimation Applied

#Activities
- Setup Initial Application Architecture
- Design Initial User Interfaces
- Configure the Environment
- Source Control, Subjective Code Analysis, Code Reviews Planned
- Standard Architecture Needs (by Dev Team)

#Activities
- Collaboration with Customers for Feedback
- Develop/configure
- Working Software
- Testing (Unit Level)
- Meet Functional and Non-Functional Requirements
- Adhere to State Development Standards

#Activities
- Full System Testing
- Final System Testing
- Final Acceptance Testing
- Finalize Documentation
- Training Plan / Roll Out Plan
- Preparation and Planning for Production Deployment Activities

#Activities
- Check Operation of System
- Submit Tickets for System Issues
- Monitor System

MINIMUM DOCUMENTATION

Agreement (SOW or other)

524 Security Documentation

Project Close-Out Report

REQUIRED DOCUMENTATION (Medium to Large Projects)

- Project Charter or,
- Project Request Form or,
- Business Case
- IT Plan

(SEE EXAMPLES)

- Scope Defined
- Initial Roadmap, or Phased Release Plan, or Project Plan (Gantt Chart)
- Statement of Work (SOW) or Agreement
- Begin 524 Security Assessment
- Responsibilities Matrix
- (SEE EXAMPLES)

- Weekly Status Report / PSR / Dashboard
- Project Change Document
- Updated Gantt Chart or Roadmap

(SEE EXAMPLES)

- Cumulative Flow Diagram
- Burn Down/Burn Up charts
- Weekly Status Report / PSR / Dashboard
- Project Change Document
- Updated Gantt Chart or Roadmap

(SEE EXAMPLES)

- Software Standards Checklist (Formerly SDLC Checklist)
- Complete 524
- QA Sign Off

(SEE EXAMPLES)

- Project Closeout Report

(SEE EXAMPLES)