Best Practices: eHealth Software and Systems Development

> ⓘ **Currently under construction**

For organizations managing or implementing systems, there are best practices that help an organization or team avoid typical pitfalls or issues. The following is a collection of practices that can be used, right sized and/or modified to meet your needs.

System Lifecycle	Topic	Description
Development	Project Initiation	The Project Initiation Phase is the 1st phase in the project management or systems development lifecycle, as it involves starting up a new project.
Development	Requirements / Tool Specifications	
Development and Operating and Maintaining	Source Code Management / Repository	Best practices for software development include using a tool that assists the developer or team in managing changes to versions of software.
Development and Operating and Maintaining	Source Code Review	Process to ensure quality code development.
Development and Operating and Maintaining	Environments	
Development and Operating and Maintaining	Testing and Quality Assurance	
Development and Operating and Maintaining	Change Management	
Development and Operating and Maintaining	System Documentation - Change Logs	Best practices for documenting the changes that are made to a server or system.
Operating and Maintaining	Help Desk / End-user Support	
Operating and Maintaining	Backups	
Operating and Maintaining	Hosting	
Retiring	Retirement Planning	

Related articles

Project Initiation (identify a sponsor, create a business case, Identify stakeholders)

Capturing Requirements

Development Environment and Tools

- Code Repository

Systems Change Management

- Having a process for requesting changes
- Change Control Board
  - Process for prioritizing
- Tracking change requests and status
- Communicating changes to stakeholders

Tracking changes

Process for users to get help / report incidences

Service Level Agreements for Help desk etc

Hosting

- Service Level Agreements
- Back up processes
- Cron Jobs
- Maintenance Outages

Content by label

There is no content with the specified labels