KEY POINTS:

Title of paper, Published Year, Author, Journal Name, Methodology and tools used in the system, Remarks which will mention advantages and future scope of the system.

Title Of Paper 1:

Exhaustive study of SDLC Phases and their Best Practices to create CDP Model for Process Improvement

Authors Name:

Rachna Lekh

Ms. Pooja

Published Year:2015

Methodology and Tools Used:

These basic phases are broken by various organizations as per their needs and approach. Following are the descriptive phases:

1. Planning
2. Requirement/Imapact Analysis
3. Design Phase
4. Development
5. Testing
6. Evaluation Release
7. Beta/Interim Release
8. Recycle
9. User Acceptance Testing

Title Of Paper 2:

Software development Life cycle model to improve maintainability of software applications

Authors Name:

Velmourougan

Dhavachelvan

Baskaran

Ravikumar

Published Year:

Methodology and Tools Used:

Research questions addressed in this paper:

1. Whether existing SDLC models support to build maintainability features in the software product?
2. Whether SLDC best practices improve the maintainability features into the software product?
3. What are the key activities/best practices to be followed during SDLC to improve software maintenance?

Title Of Paper 3:

A Method for the Selection of Software Development Life Cycle Models using Analytic Hierarchy Process

Authors Name:

Mumtaz Ahmad Khan

Azra Parveen

Mohd Sadiq

Published Year:2014

Methodology and Tools Used:

This research paper Proposed many SDLC Models:

A. Heavyweight Development Methodology (HDM)

B. Lightweight Development Methodology (LDM)

C. Hybrid Development Methodology (HYDM

The proposed method is presented simply in the following:  
(i) Identify the criteria   
(ii) Construct the hierarchical structure of SDLC model   
(iii) Construct the decision matrix   
(iv) Calculate the ranking values   
(v) Selection of a model