**Abstract**

In this report we will discuss different stages of SDLC in traditional way. The architecture will be studied and we will be building a connection between SDLC and architecture. The discussion will show why it is important to reorient SDLC with respect to architecture. The further discussion will reveal how SDLC incorporated architecture in modern day software engineering practices and how it is taken care of during different phases of SDLC.

**Introduction**

In software engineering, architecture has a prime importance and is extensively involved in engineering process throughout the globe. In the initial days of software development architecture was not that much famous. The traditional understanding of SDLC were mostly without discussion of architecture. But now in modern day software engineering, the process is carried out by keeping development challenges, future plans, and factors like reusability, scalability and maintenance. All these factors causes the strong interference of software architecture in the field of software engineering. Almost every part and phase of software development involves architecture in some direct or indirect way. Since the architecture is so much involved in software engineering process, we need to elaborate the phases of SDLC to see the involvement of architecture at different stages of software development.

**SDLC at a glance**

**Architecture and its importance**

**Reorientation of SDLC w.r.t Architecture**

**Conclusions**