SDLC - BIG BANG MODEL

The Big Bang model is SDLC model where we do not follow any specific process. The development just starts with the required money and efforts as the input, and the output is the software developed which may or may not be as per customer requirement.

B ig Bang Model is SDLC model where there is no formal development followed and very little planning is required. Even the customer is not sure about what exactly he wants and the requirements are implemented on the fly without much analysis.

Usually this model is followed for small projects where the development teams are very small.

Big Bang Model design and Application

Big bang model comprises of focusing all the possible resources in software development and coding, with very little or no planning. The requirements are understood and implemented as they come. Any changes required may or may not need to revamp the complete software.

This model is ideal for small projects with one or two developers working together and is also useful for academic or practice projects. It.s an ideal model for the product where requirements are not well understood and the final release date is not given.

Big Bang Model Pros and Cons

The advantage of Big Bang is that its very simple and requires very little or no planning. Easy to mange and no formal procedure are required.

However the Big Bang model is a very high risk model and changes in the requirements or misunderstood requirements may even lead to complete reversal or scraping of the project. It is ideal for repetitive or small projects with minimum risks.

Following table lists out the pros and cons of Big Bang Model:

Pros	Cons
• This is a very simple model • Little or no planning required • Easy to manage • Very few resources required • Gives flexibility to developers • Is a good learning aid for new comers or students	• Very High risk and uncertainty. • Not a good model for complex and object-oriented projects. • Poor model for long and ongoing projects. • Can turn out to be very expensive if requirements are misunderstood