**Software Development Life Cycle**

Software Development Life Cycle is a framework that describes the activities performed at each stage of software development project.

The primary advantage of adhering to a lifecycle model is that it encourages development of software in a systematic and disciplined manner.

The Classical Waterfall Model has been used in this project owing to the following reasons:

* Easy to Understand
* Requirements are very well known
* Provides a well defined structure

Requirement Analysis  
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Design

Maintenance

Testing

Coding

Classic Waterfall Model