

Software Development Life Cycle

SDLC is a process to describe how to develop and maintain a software, which includes six phases. It aims to produce an excellent software within time and cost to satisfy the customer.

The following figure 1.0 shows SDLC integrally.

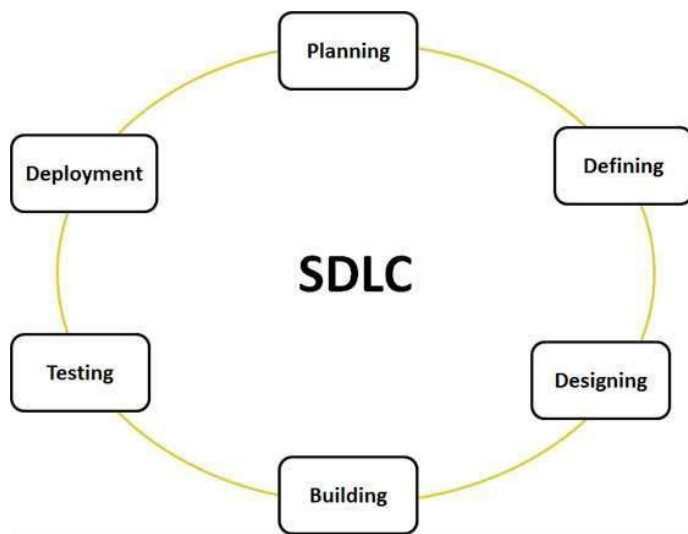


Figure 1.0

I choose waterfall for this project. In this kind of approach, the whole process of software development is divided into separate phases, and the next phase can be started only if the last phase has been finished.

The figure 1.0 has shown the description of waterfall model

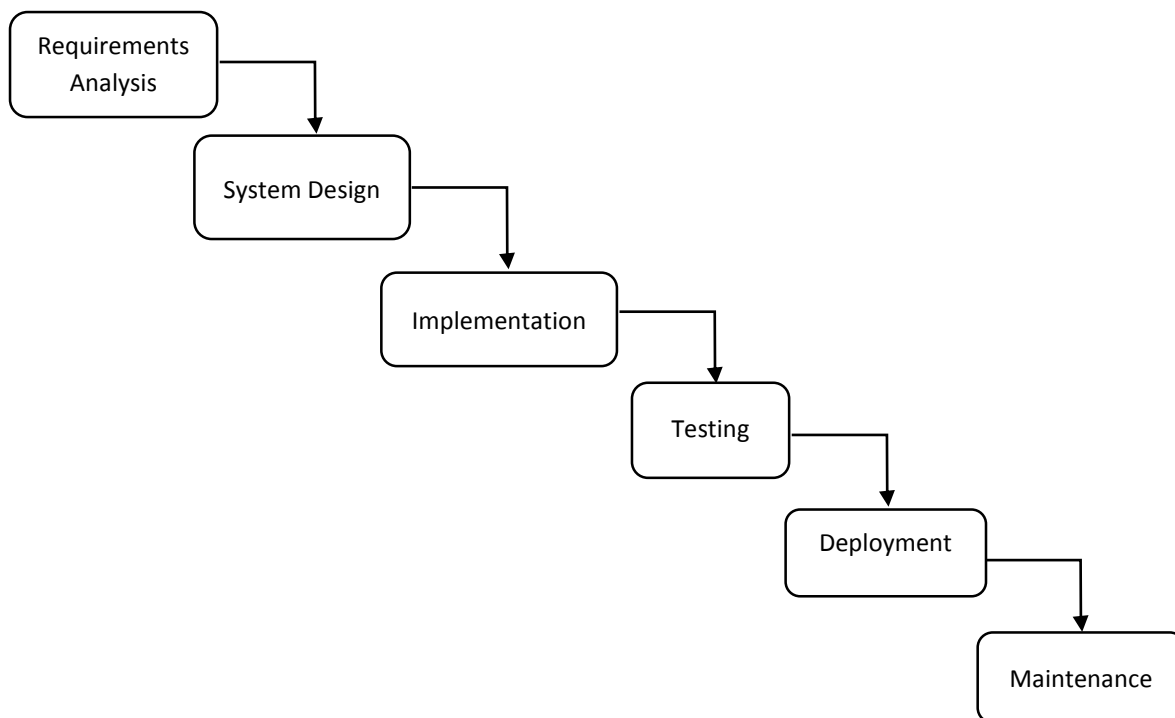


Figure 2.0

The reasons are introduced below:

- The requirements for the project is clear and easy to be understood.
- Product definition is stable.
- It is a short project.

The benefits for using waterfall model are as following:

- It is easy to control the process of project
- Each phase has specific deliverables and a review process
- Phases are processed and completed one at a time
- The milestones can be understood easily
- Stages can be defined clearly