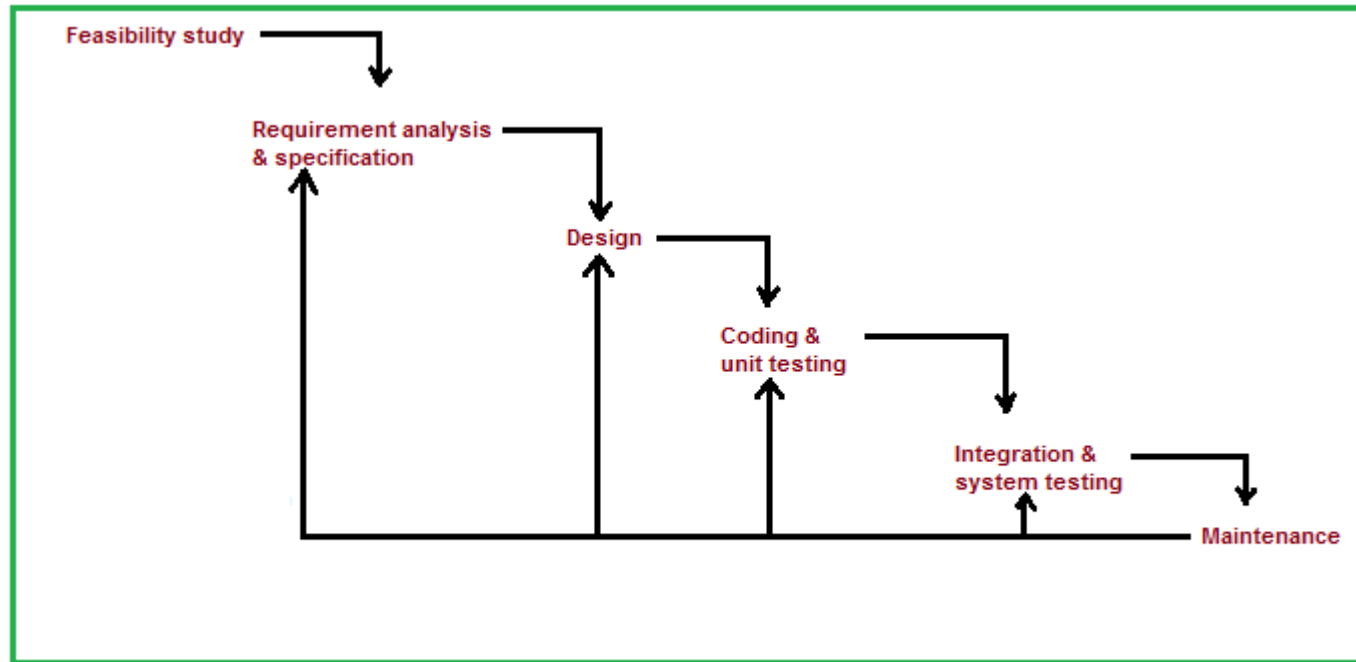## Process Model

For Blood Bank Management System the process model suitable is Iterative Waterfall Model.

Iterative Waterfall Model

Advantages

- Easy to understand and implement.
- Testing in each phase.
- Most Suitable for single projects where work products are well defined and their functioning is understood.
- Allows the team to find functional or design related flaws as early as possible.

- Easily adaptable to the ever changing needs of the project as well as client.
- Parallel Development can be planned.
- Errors are detected after each Phase of Development.

Disadvantages

- Once detecting error at any face it may be required that the precede subsidy faces may change.
- Very difficult to manage changes b/w the phases there are possibility of blocking which can slow down the productivity and efficiency of the process.
- Risk is not addressed in this model.

Why not Other Models?

Incremental Model

- It is based on large projects and also set of requirements are fixed.

Prototype Model

- The need of the expertise is very important in this model.

Spiral Model

- In this Model we need both Expertise and Experience to develop software.