Iterative incremental development

Advantage:

1. Reduce risk

2. Get feedback from early customers

3. Continuous improvement and modification

4. Increase developer productivity

Disadvantages:

1. High quality project managers and a high-tech development team are needed.

Iterative development is suitable for use when the requirements are not clear. Iterative development is more about project management than guiding developers how to develop programs. The waterfall model emphasizes that system development should have a complete life cycle, while iterative development divides a large life cycle into many small life cycles. Iterative development is faster than waterfall development, with an impractical result in the shortest time and with the least amount of loss, continuous improvement and modification through user feedback, which reduces the risk of late problems and develops compared to traditional waterfall development. The progress is faster. Compared to spiral opening, iterative incremental development does not rely too much on risk analysis, reducing the cost of development.