WaterFall(Modified)[1]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Backtracking** | **Staff Hierarchy** | **Collaboration/Insertion/Parallel** | **Frequent Progress report** | **Flexible** |
| Waterfall Model (Modified) | Yes (by only 1 phase, Expensive) | Technically weak or Experienced | Collaboration | No | No |
| V Model | No | NA | NA | NA | No |
| Incremental Model | No | NA | Collaboration/Parallel | NA |  |
| RAD | No | Strong Experienced Team and Highly skilled | Collaboration/Parallel | Frequent |  |
| Agile | Mid model | NA | Collaboration/NS | Very Frequent |  |
| Iterative Model | Mid Model |  |  | Frequent | Very |
| Spiral Model | Yes | Risk Analysis Experts, Highly specific Expertise | Collaboration/Insertion/NS | NA |  |
| Extreme Programming |  | Pair programming and **Collective Ownership** | Collaboration | Very Frequent(On-site Customer) |  |

Minimal Planning overhead: V-Shaped Model(being by testing)

Ease of use: WaterFall(Modified), V-Model, Extreme Programming

OverLap:

Long projects: WaterFall(Modified), Spiral

Risk Analysis: Spiral, Extreme Programming(testing),

Adaptability to changing requirements: Agile

Planning and testing of concept before coding

For any size projects: Agile

Process Review

-Verification of current product: Waterfall

- Verification to next process: WaterFall(Modified),

Assertion Assessment:

Goal and Problem Identification: Waterfall

Reusability of Ideas and Implementations: RAD

Recursive Versions: WaterFall(Modified), Agile, Spiral, Iterative

Low Cost of Use: Waterfall, V Model

Documentation Standards: Waterfall (Modified)(excessive and inflexible)

Milestones Ambiguity: WaterFall(Modified)[1]

Sequential:

[1]

http://www.coleyconsulting.co.uk/software-development-life-cycle.htm