

Appendix D. Agile Methodology Frameworks

<i>Characteristics</i>	DSDM	XP	FDD	Scrum	RAD
Approach	Iterative	Iterative Increments	Iterative	Iterative Increments	Iterative
No. of Phases	7	5	5	5	4
Duration of Iteration	80% solution in 20% total time	1 to 6 weeks	2 days to 2 weeks	2 to 4 weeks	1 day to 3 weeks
Team Size	All sizes	Small (<20)	Multiple teams of many members	All sizes	Small (<6)
Project Size	All sizes	Small	Complex	All sizes	Small
Practices	MoSCow Method, Prototyping, 80%/20% Principle	User Stories, Short Cycles, Pair Programing, Collective Ownership, Refactoring	Method and Class Prologues (UML Diagram)	Sprint Backlog, Sprint Automation, Sprint Retrospective	Prototyping, Time Boxing

Table 2-2 Methodologies Comparison Table

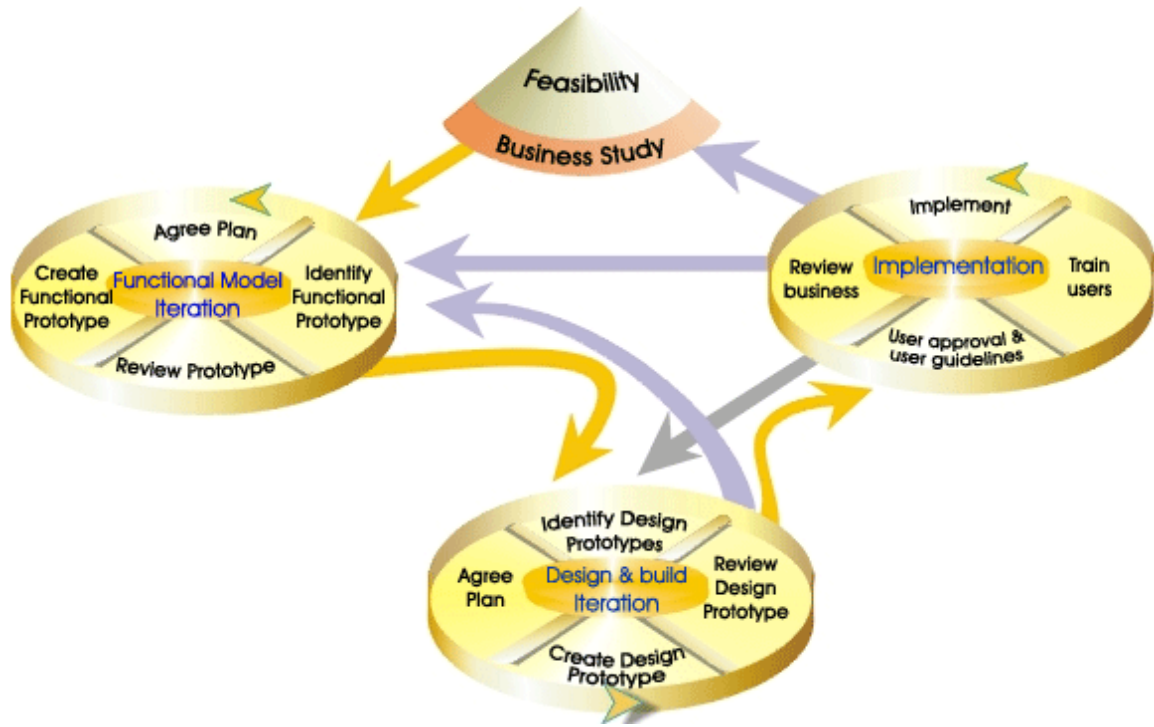


Figure 2-30 Dynamic Systems Development Method Framework

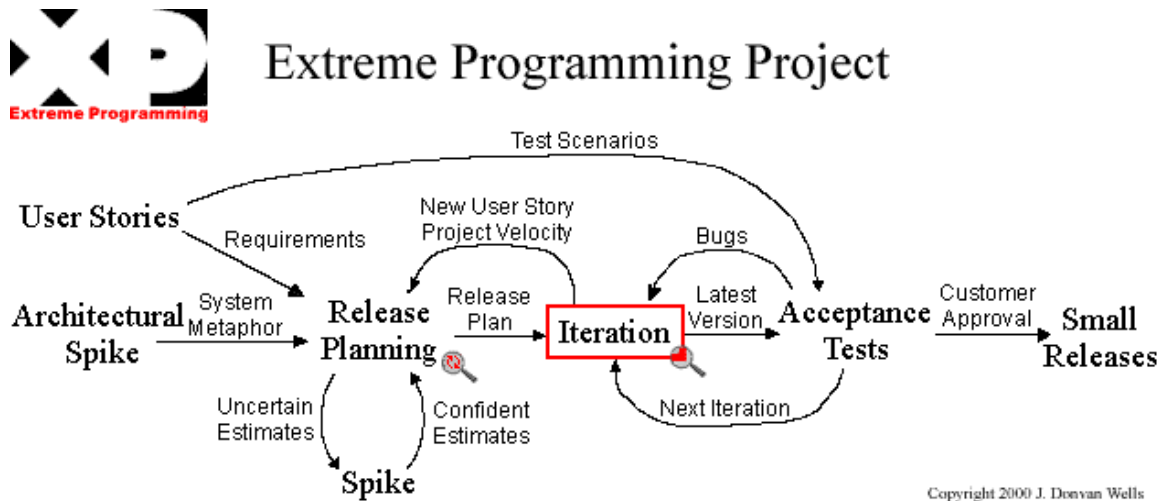


Figure 2-31 Extreme Programming Framework (Overview)

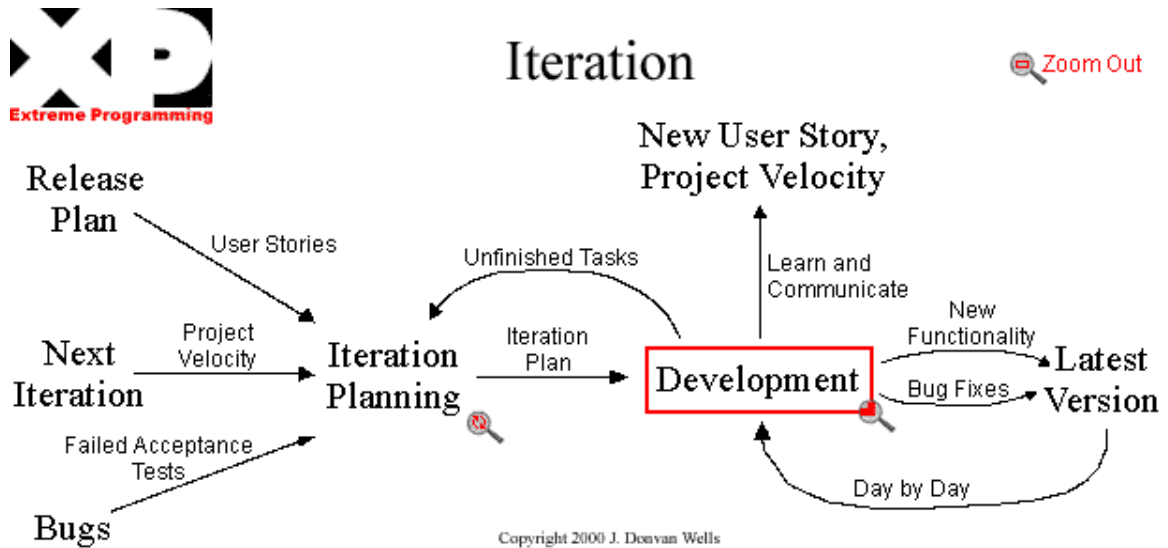


Figure 2-32 Extreme Programming Framework (Iteration)

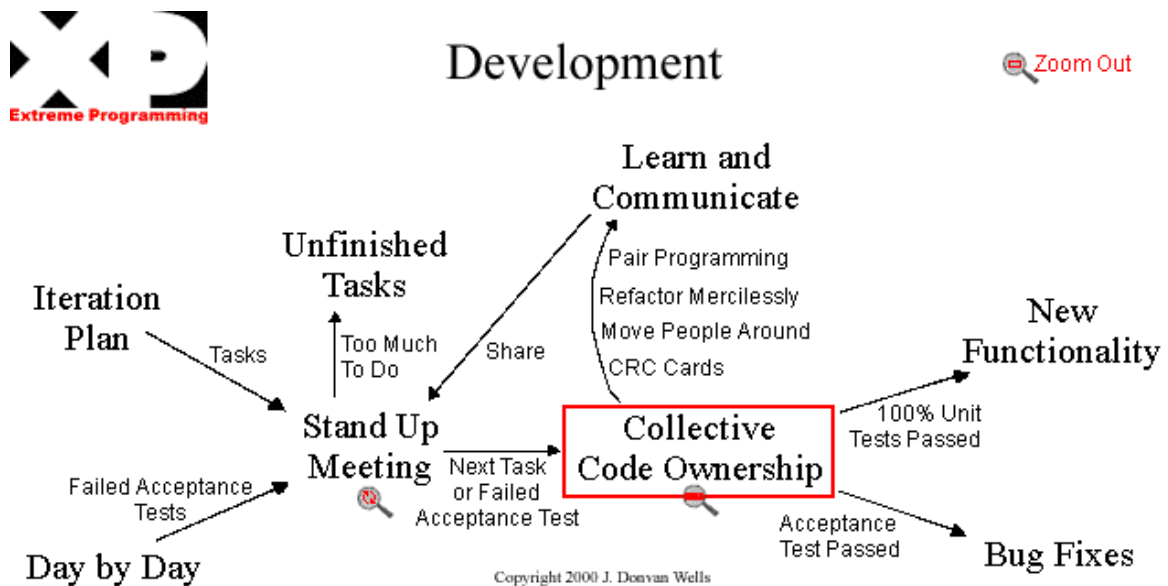


Figure 2-33 Extreme Programming Framework (Development)



Collective Code Ownership

Zoom Out

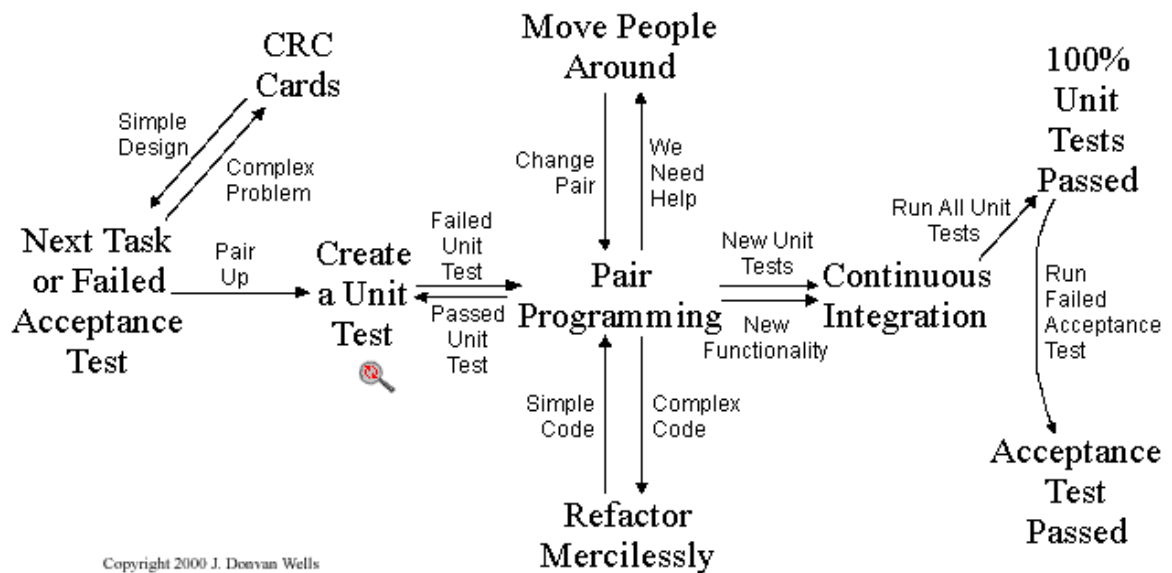


Figure 2-34 Extreme Programming Framework (Collective Code Ownership)

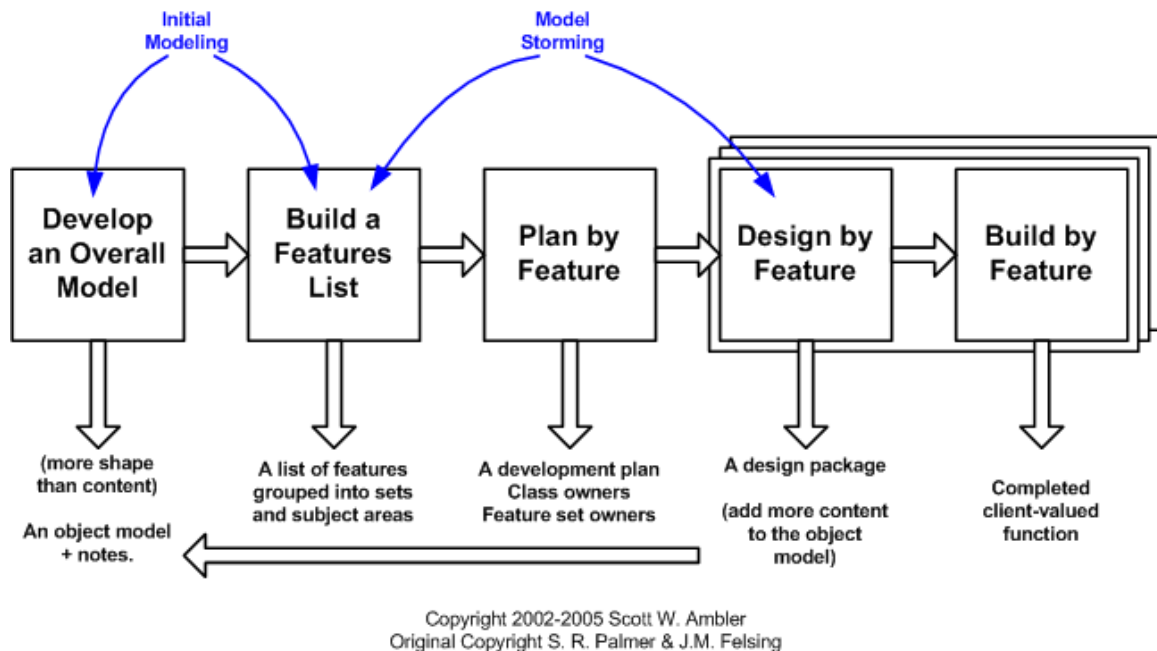


Figure 2-35 Feature-driven Development Model

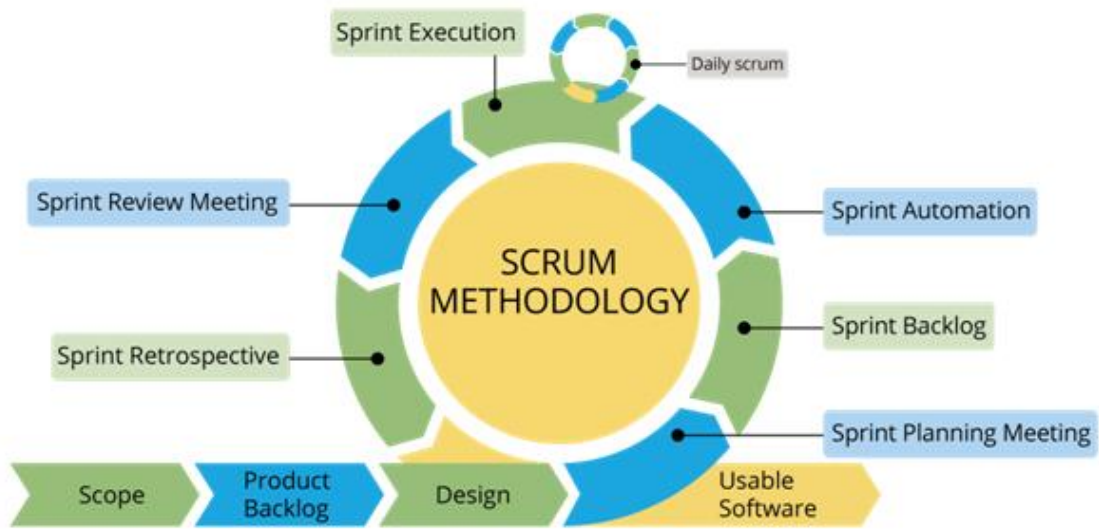


Figure 2-36 Scrum Methodology Framework

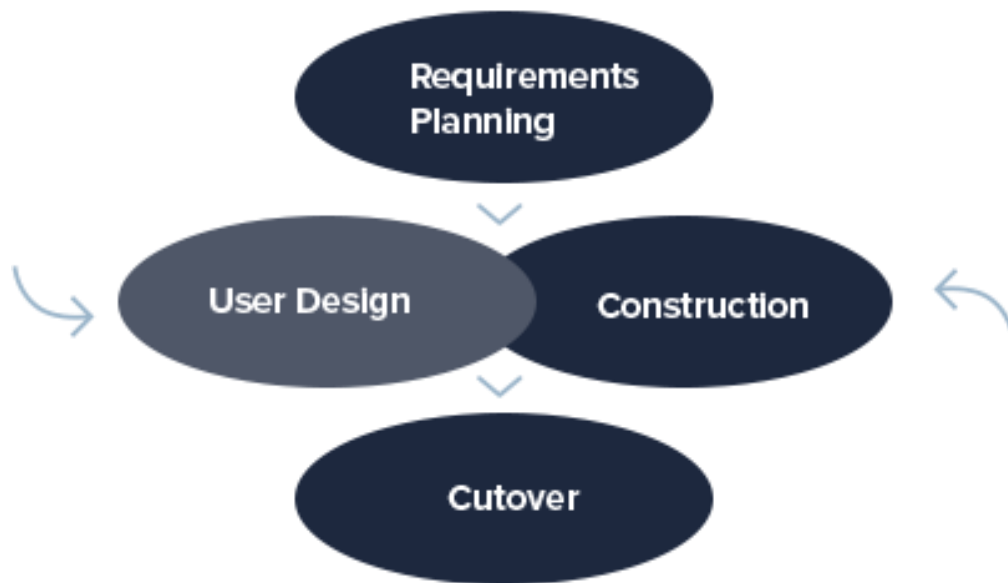


Figure 3-1 RAD Methodology Framework