

Rapid Application Development (RAD)

RAD is a software development methodology focused on rapid prototyping and iterative delivery. It prioritizes user feedback and adaptive planning over strict planning and sequential design.

Key Features:

- (I) Prototyping
- (II) Iterative Development
- (III) User Involvement
- (IV) Focus on speed

Phases of RAD:

- (I) Requirement planning
- (II) User Design
- (III) Construction
- (IV) ~~ea~~ Cutover

Advantages:

- (I) Faster development and delivery
- (II) High user satisfaction due to active involvement
- (III) Flexible to changing requirements

RAD is best for projects requiring quick delivery, where user needs may evolve, and there is sufficient stakeholder availability for feedback.