#### Rapid Application Development (RAD) Model

#### 到Introduction:

the RAD model, developed in the 1980s a by IBM, is a software development approve focused on fast, iterative releases, quick i prototyping modularity, and stakeholder involvement. It contains rasts with linear methodologies like the waterfall model by emphasizing adaptability.

### Key Phases:

- 1. Requirement Planning: Define scope and gather user requirements through brain storming and task analysis.
- 2. User Design! Develop prototypes iterative based on feedback to align with user needs.

- 3. Construction! Refine modular prototypes into the final product using efficient tools
- 4. cutover: Integrate and test the system, followed by doployment.

- 国 Objectives! -> Speedy development through modular design and reusable components.
  - -> High adaptability and stakeholder participation.
  - -> Improved quality via early testing.

#### 4) Advantages:

- -> Faster delivery, cost efficiency, and better user satisfaction.
- -> Easier adaptation to changing requirements

#### 4 Disadvantages!

For complex or large projects.

-> Relies on active customer involvement.

## Applications:

Ideal for innovation-driven projects, short time lines, and modular systems with high user involvement.

# Et Conclusion!

While RAD excels in rapid, user-centered development, it is unsuitable for large-scale or complex projects. Propen context ensures efficiency and user satisfaction.

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