## LT-21014

## Rapid Application Development (RAD) Model

\* Introduction:

The RAD Model, developed in the 1980: by IBM, is a Software development approce focused on fast, it exative release quiek prototyping, Modelwity and Stake holder involvement. It with linear method logies like the waterfall model by emphasizing adaptability.

key phases:

1. Requirement planning: Define scope requirements through and gather user

1,1012-11 breain storeming and task analysis 2. User Design: Develop priototypes itoratively bored on feed back to align with vset needs. 3. Construction: Refine modular product prototypes into the final product using efficient tools. 4. <u>Certover</u>: Integrate and test the septem followed by deployment. : e 2504d Bay transminger ! and galhor ward

Objectives: 10000 mobbs 619

- Speedy development through modular design and reusable components

- A High adaptability and Stake holder participation.

-D Improved quality Via early testing.

Advantages:

-> Faster delivery, cost efficiency and better user satisfaction

- P Easier adaptation to charging

requirements

Dis-advantages: Required skilled teams and is unsurtable for complex on longe projectsactive customer P Relies on involvement. Application: Ideal for innovation priojects short time lines and with high modelloics systems with mesolosoto romant. 201201 4-Chromiccione 11

Conclusions

While RAD excels in trapid.

User-contered development, it

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is unsuitable for large-scale

on complex priojects. prio por

context ensures efficiency and

user satisfaction.