Comparison between RAD, JAD, RUP and MSF

Muna Al Kaabi 200413640
Arwa Amro 200414592
A JAD team usually meets over period of day or week. obtain user input and document user requirement of the new system.

Team based technique that speed up information system development. The object is to reduce cost with development time and high success.

Comprehensive software engineering tools, combine the procedural aspects of development within a unifying framework.

Set of principles, models, disciplines, concepts, and guidelines for delivering information technology solutions from Microsoft.
PHASES USED

JAD
RAD
RUP
MSF

Project Definition
Research
Preparation
The Session
Final Document

Requirement planning
User design
Construction
Cutover

Inception
Elaboration
Construction
Transition

Envisioning
Planning
Developing
Stabilizing
Deploying
RAD ADVANTAGES AND DISADVANTAGES

Advantages

- Reduce cost
- Developed more quickly.
- Increase the probability of success.
- Relies on prototype and user involvement.
- Allow user to examine the working models in early stage.
- Suggest necessary change.

Disadvantages

- Does not emphasize company's strategic business need.
- The risk is that the system may work well in the short term.
- Because of less time cycle may develop less quality.
JAD ADVANTAGES AND DISADVANTAGES

Advantages

- User involvement
- More accurate specification
- Provide better understanding of common goals.
- Strong commitment to the success of the new system

Disadvantages

- Very expensive.
- Can be more cumbersome
RUP Advantages and Disadvantages

**Advantages**

- Well-documented and complete methodology
- Open and public
- Training readily available
- Changing Requirements
- Reduced integration time and effort
- Higher level of reuse

**Disadvantages**

- The process is too complex to apply correctly.
- Sociological Aspects
- Disorganized Development
<table>
<thead>
<tr>
<th>Advantages</th>
<th>Disadvantages</th>
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<tr>
<td>Foster open communications</td>
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<td>Work toward a shared vision</td>
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<td>Empower team members</td>
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<td>Establish clear accountability &amp; shared responsibility</td>
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<td>Focus on delivering business value</td>
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<td>Invest in quality</td>
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<td>Learn from all experiences</td>
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Thank You!