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* Different Agile Approaches and their Comparative Analysis.

Ans:

Agile approaches are widely used in software engineering to foster flexibility, collaboration, and customer-centric development.

Each Agile methodology has its unique characteristics and is suitable for different projects needs. Here we'll look at some of the most common Agile methodology and compare their features:

1. Scrum:

Key Elements:

- (i) Roles .
- (ii) Events .
- (iii) Artifacts.

2. Kanban

Key Elements:

- (i) Kanban Board
- (ii) WIP Limits.

3. Lean

Key Elements:

- (i) Value stream Mapping.
- (ii) Continuous Improvement

4. Extreme Programming

Key Element:

- (i) Practise
- (ii) Values

5. Feature-Driven Developments (FDD)

Key Elements:

- (i) phases.