

★ Write a brief summary of Any 5 Software Testing Styles.

Any → 1) Unit Testing

Unit Testing focuses on testing individual components or functions of a software application in Isolation. Developers usually write unit tests to verify that a specific section of a code behaves as expected.

2) Integrating Testing

Integrating testing checks how different modules or services work together. It aims to uncover issues in the interaction between integrated units, such as data transfer problems or communication error.

(3) System Testing :-

System Testing tests the complete, integrated system to verify that it meets the specified requirements. It involves evaluating the Software's functionality, performance and overall behaviour as a whole product, after using both manual and automated methods.

(4) Regression Testing :-

It is especially useful during update and bug fixing. It basically checks whether the code has a negative impact on the existing code or functionality.

(5) Acceptance Testing :-

It checks whether the recent code meets the business requirements or not, and also whether it is ready to release or not.

Kanban and Lean are related methodologies focused on improving work efficiency and eliminating waste.

→ Lean Principle

Lean emphasises the reduction or elimination of non-value-adding activities where

Kanban is Related to Lean: →
as Kanban provide a visual representation of the workflow enabling teams to see the status of tasks, identify bottlenecks and track progress, which aligns with Lean's focus on transparency and ~~visibility~~ visibility.