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Re-architecture of Legacy Applications for Modernization


Introduction to Application Modernisation

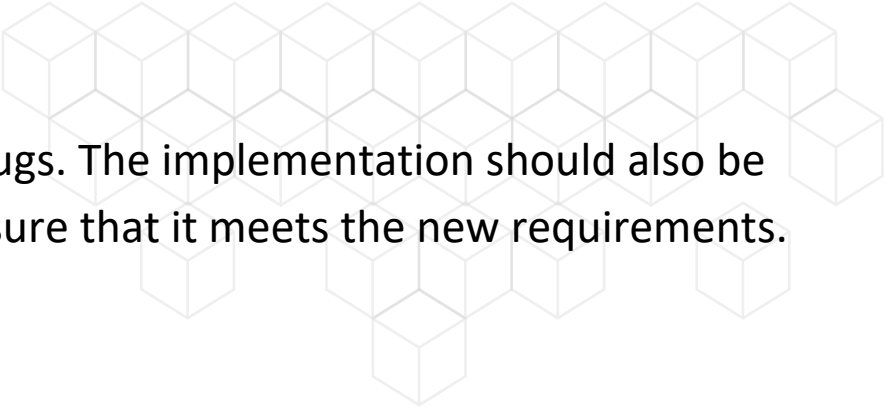
Re-architecture of legacy applications is a process of restructuring existing applications to improve their performance, scalability, and maintainability. This process involves redefining the system architecture, data structure, and application code. It is similar to re-engineering but involves more changes to the existing code.

Steps in Re-architecture of Legacy Application?

Re-architecting legacy applications for modernization involves a number of important steps.



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- First, a thorough assessment of the current architecture needs to be undertaken. This helps to identify the areas of the application that need to be re-architected in order to meet the new business requirements. Once the assessment is complete, a plan should be developed to implement the required changes.
 - The re-architecture process should start with a detailed analysis of the existing architecture. This would include an assessment of the current application architecture, its data models, and the technology stack. A comprehensive evaluation would also include a review of the existing code base, to identify any areas that need to be updated or more efficient. The analysis should also consider any planned changes in the future, such as new features or increased scalability.
 - Once the analysis is complete, the next step is to develop a roadmap for making the changes. This roadmap should include the timeline for implementing the changes, the technology stack to be used, and the resources required. It should also consider any dependencies that the application may have, such as external APIs or third-party services.
 - The final step is to implement the changes. This involves making the required changes to the existing code, ensuring that the changes do



not introduce any new bugs. The implementation should also be tested thoroughly, to ensure that it meets the new requirements.

Wrap Up!

Re-architecting legacy applications for modernization is a complex process, but it is essential for companies to remain competitive in the digital age. Companies must ensure that their applications are up-to-date, efficient, and scalable. By re-architecting their legacy applications, companies can gain the agility and scalability they need to remain competitive.



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