

What is UAP

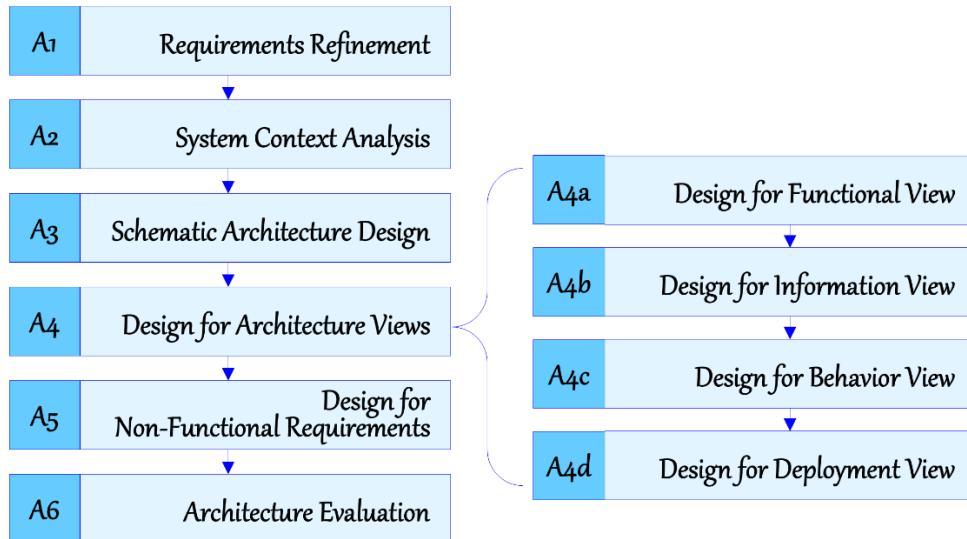
The Unified Architecture Process (UAP) is a comprehensive, production-ready methodology for cost-effective development of high-quality software architectures. It provides a structured framework that encompasses all key design activities and offers clear, step-by-step implementation guidance.

Features of UAP

- Systematic Design Process:** A structured model with well-defined activities and clear steps.
- Detailed Design Guidelines:** Implementation-level guidance with validation checklists.
- Design for Non-Functional Requirements:** Design Focus on Non-functional Requirements
- Support for Complex Systems:** Methods and practices for large-scale, complex systems.
- Standardized AD Templates:** Templates ensuring efficient and consistent AD documentation.

Process Model

The UAP process model consists of six main activities (A1–A6), with Activity A4 further refined into design activities for multiple views: functional, information, behavior, and deployment.



Each activity is decomposed into steps, and each step is further decomposed into tasks, with each task representing fine-grained design work in UAP.

UAP Resources

- Book:** S. Kim and M. Kim, *Hands-on Software Architecture: Unified Architecture Process*, Springer, 2025. (This book provides comprehensive details of the UAP process model, design guidelines, validation checklists, and architecture styles.)

- Companion Website:** www.handsonse.org

This website provides a rich set of downloadable resources, including the UAP overview, charts, guides, architecture description (AD) templates, and case studies.

- Training Programs:** A curated set of UAP training programs is available to deliver the right technical expertise for diverse needs. Representative programs include *UAP Foundations*, *UAP Intermediate*, and *UAP Advanced*.