

KK07 — Characteristics of solution scope

Analysis & Design · Comprehensive exam study guide

STUDY DESIGN — YOU MUST KNOW

- version/solution boundaries

Scope defines the boundaries of a solution — what is included and excluded, and for which version. Clear scope prevents scope creep (which reappears in KK10 of Development).

What scope defines

- **Solution boundaries** — the features/functions inside the solution vs those left out.
- **Version boundaries** — what a particular release (v1, v2...) will and won't include.
- Explicit **exclusions** — stating what is NOT included is part of a good scope.

Why scope matters

EXAM TIP

A clear scope keeps the project achievable and is the main defence against **scope creep** — uncontrolled feature growth that blows out time and budget.

Key definitions to memorise

Scope	The defined boundaries of a solution — the functions included and excluded, for a given version.
Solution boundary	The line separating what the solution does from what it does not do.

Exam technique

EXAM TIP

- Always state inclusions AND exclusions when describing scope.
- Link scope to preventing scope creep for explanation marks.

COMMON MISTAKES

- Describing scope only as features included, ignoring exclusions/boundaries.
- Treating scope and requirements as the same thing.

Quick revision checklist

- I can define scope in terms of boundaries.
- I can write a scope statement with inclusions and exclusions.

Exam practice — questions & model answers

Q1. Define the scope of a solution.

Define · 1 mark

Model answer

- The defined boundaries of what the solution will and will not include, for a given version (1).

Q2. Write a scope statement for version 1 of a library app, including one inclusion and one exclusion.

Write · 2 marks

Model answer

- Inclusion: v1 lets members search and reserve books (1).
- Exclusion: v1 does not handle fines/payments (1).