

Attributes, Components, Capabilities (ACC)

System name:

Attributes:

Adjectives and adverbs which describe core principles. They often distinguish it from competitors. (e.g., "fast", "secure", "easy to use", "customizable", "mobile friendly", etc.). Generally 3-7; usually no more than 10, and definitely no more than 12.

Components:

Nouns describing system building blocks, or tangible, distinguishable parts of the system (e.g., "shopping cart", "search", "database", "notifications", "page view", "navigation bar", "settings", etc.). Generally several; usually no more than 12, and definitely no more than 20.

Capabilities:

Intersections between a single attribute and a single component, describing (often user) interactions. For example: "The shopping cart is easy to use: users can add items to the shopping cart with one click", "The database is secure: user data is encrypted", "Notifications are customizable: users can adjust which notifications they see". Capabilities which don't nicely intersect with attributes and components usually indicate missing attributes/components, or indicate a capability that's present but otherwise irrelevant to the product. Potentially hundreds.