# Feature Slicing Patterns

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|---|---|---|
| **Technology Area** | **Does it lend itself to be released incrementally to different areas of Technology?**<br><br>See if it can be delivered to one area at a time | Helps us develop buy-in as a history of successful releases develops |
| **User Role** | **Does it involve different user roles with different goals?**<br><br>See if can give each user role their own Feature | Helps us understand the benefits to each role |
| **Core Functionality** | **Does it have a simple "core" that provides *most* of the impact and/or learning?**<br><br>See if it can be built to do the simple core first, building it on later as needed | Lowers risk of delivering functionality that goes unused |
| **Optional Behaviors** | **Does it have a lot different ways to achieve same/similar goals?**<br><br>See if we can separate the optional behaviors into a Feature to be completed after delivering required behaviors | Lowers risk of delivering functionality that goes unused |
| **Data Source** | **Does it involve lots of data from multiple sources?**<br><br>See if we can still deliver value with a sub-set of the data | Lowers risk of being blocked by data access concerns |
| **Architectural Enablement** | **Are there multiple Features that will rely upon the same underlying system behaviors?**<br><br>See if we can break out this enabler into its own Architectural Feature | Medium Risk of Waste / No Impact |
| **The Last Resort** | | |
| **Research Spike** | • Do we not feel confident we fully understand the problem background or how the hypothesis addresses an end user's need?<br>• Do we not feel confident we can get enough clarity from some quick conversations with the PO + stakeholders + end users?<br><br>Create Analysis stories to reserach the missing information, ensuring that it's **time-boxed with clearly defined decisions** to be made based upon the research | High Risk of Waste / No Impact |

# Feature Slicing Questions

How do we know we're ready to start slicing?

**1) We're ready to begin work**
**2) Hypothesis addresses an end user's problem**

How do we know when to stop slicing?

**PO determines when risk and potential value are balanced**

What if the pattern's criteria are not met? **OR** What if the Feature is still too large after slicing?

**Apply another pattern**

What if we've exhausted all the slicing patterns?

**Apply the last resort**