



COMBITECH

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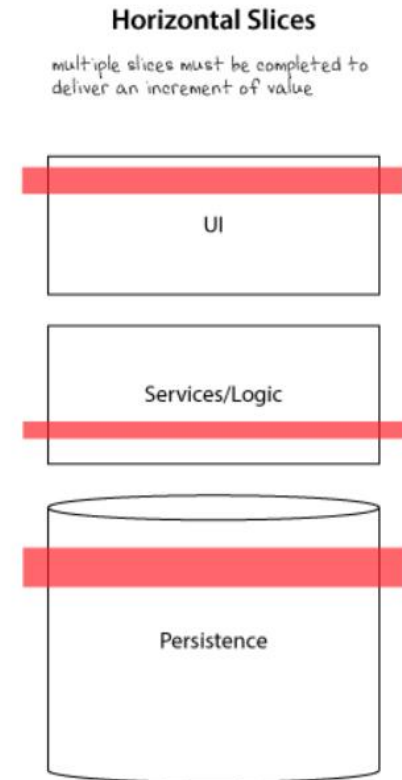
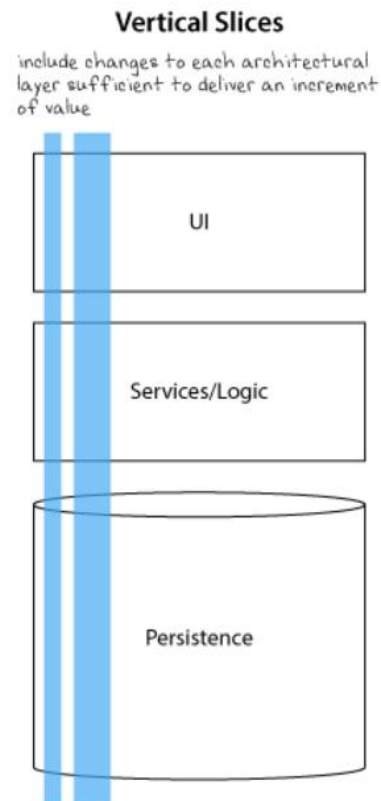
Agile Tribe Leader

Lab Instructions – Elephant Carpaccio

VERTICAL SLICES VS HORIZONTAL SLICES

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- Horizontal slice: involves breaking down stories by the kind of work that needs to be done, or the layers or components that are involved.
 - Work that has to be done for the UI, the database, some component, a front-end and testing are split up into technical items on the Backlog.
- This doesn't work well in Scrum, because:
 - Individual items do not result in working, demonstrable software.
 - Example: A team builds a web shop in a sprint. If they split up the user story horizontally, then it becomes: work for design, database, front-end and testing. Although the items are certainly smaller, they don't deliver working software on their own. After all, a new bit of functionality can't go live when only the UI is finished, or when only the database was modified. It is also a bad idea to go live without sufficient testing.
- Vertical slice: break down of work item that delivers a valuable change in system behaviour
 - multiple architectural layers need to be done to implement the change.
 - When a "slice" is done, the system is observably more valuable to a user.



HOW TO BREAK DOWN EPICS INTO USER STORIES

- User comes first
 - Describe how customer or user employs the product
 - It is written from the user's perspective
- Start with epic
 - Capture specific epics (functionalities)
 - Think about different functionalities, each functionalities can create at least 1 user story
- Keep the user stories to be simple and concise
 - It should be easy to understand
 - Avoid ambiguous terms and use active voice
 - As a<user>, I want <what> so that <why>
 - The template is just a help tool, don't feel obliged to always apply it
- Once you have the user stories, break each user story into smaller task
 - The tasks should be clear, feasible and testable

EXAMPLES

Wishlist

Theme

As a customer, I want to be able to have wishlists so that I can come back to buy products later

Epic

As a customer I want to be able to save a product in my wishlist so that I can view it again later

As a customer I want to be able to view my wishlist so that I can buy items from it

User Stories

Put "Add to wishlist" button on each product page

Create new database to store wishlist items

Create page to display user's wishlist

Add "view wishlist" link to homepage

Tasks

The background is a gradient from dark blue on the left to magenta on the right. On the left, numerous thin, glowing fiber optic lines radiate outwards, with small blue and white dots at their ends. On the right, a grid of squares in various shades of pink and magenta is visible, some of which are blurred or faded, creating a pixelated or digital effect.

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