Agile and Scrum

2. Scrum

Scrum

- Scrum is not an methodology

- Scrum is an agile framework

    - Offers guidance for how work can be organized to maximize value to the end-user.

    - Does not define how to do any work, just how to organize the work

- Most of the material in this section will be taken from the Scrum guide and the scrum alliance website
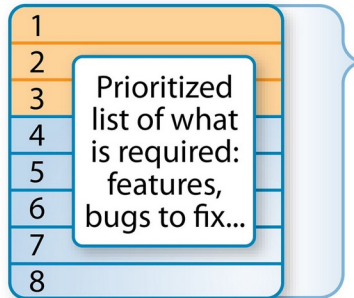
The Agile Scrum Framework at a glance
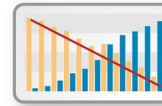
Kanban

- An alternative framework
  - Comes from the lean product development to support continuous improvement

- Much like Scrum but development is not organized into sprints
  - Development of individual work items goes through a series of stages
  - When enough items have been finished, a decision is made to drop a new release

Kanban Boards

Kanban Boards

Example of Personal Kanban Board for Sales

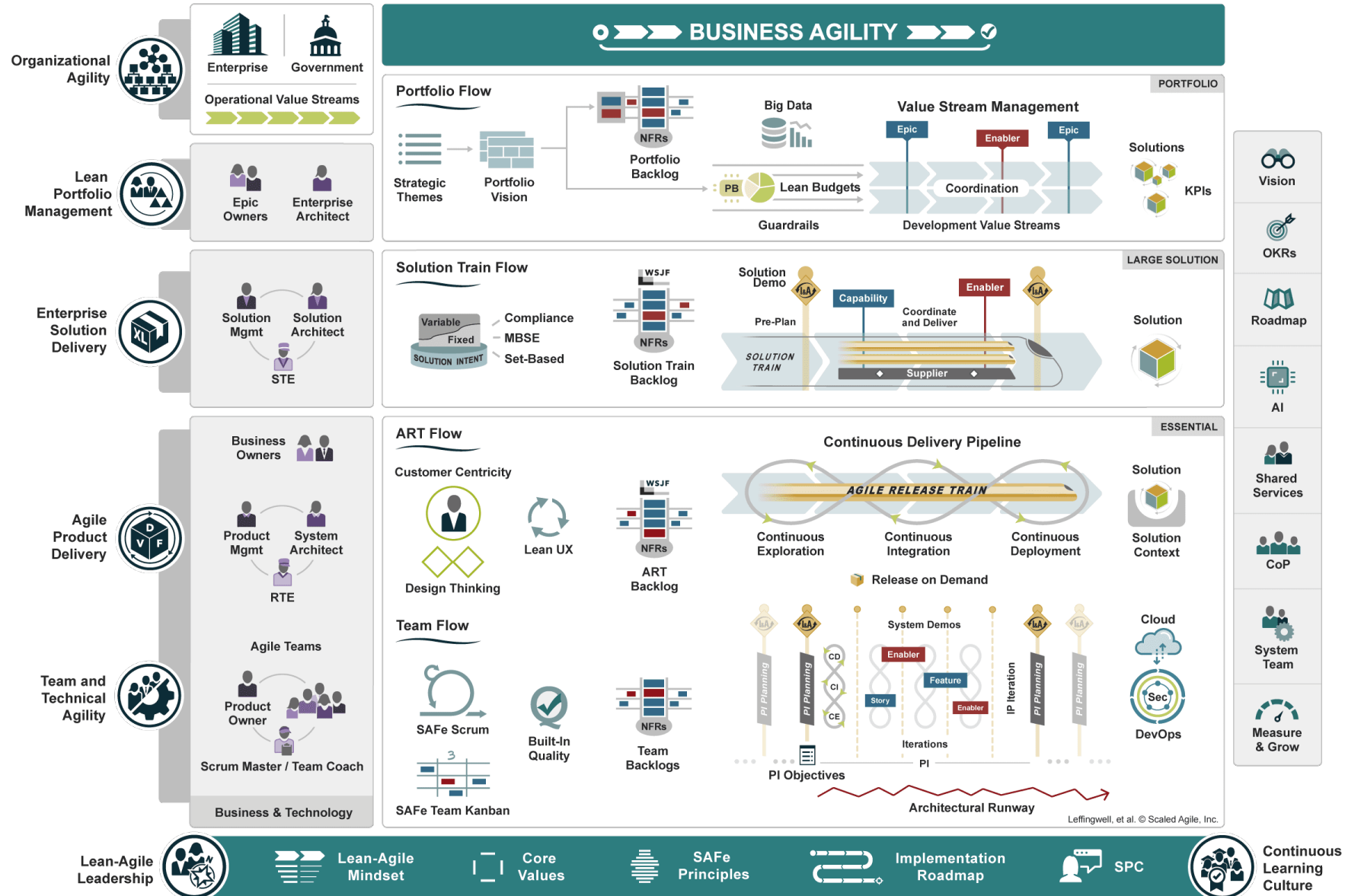| Prospect	Needs Analysis	Develop Proposal	Awaiting Response	Done – Sold	Done – Lost
James Baking Co	Our Daily Bread	Atlanta Bread Co	Main Street Bakers	Innovative Baking Co	Tierra Snack Food
Intl. Foodstuffs Inc	J & S Bakeries	Fiesta Snacks	Bread and More	Cascadia Doughnuts	
Philips Snack Foods	Rainbow Foods Co				

Kanban vs Scrum

Kanban	Scrum
Roles are fluid. Project manager optional.	Roles are predefined. Scrum master required.
Tasks are shared by everyone.	Tasks have assigned owners.
Timelines evolve on an as-needed basis.	Timelines are timeboxed into sprints.
Changes can be made mid-stream, allowing for iterations before completion of a project.	Changes can only be made upon completion of a sprint.
Productivity is measured by the cycle time of the complete project.	Productivity is measured by the number of story points completed in each sprint.

Scaled Agile Framework

End of Module