

On your marks, get set, go!

Leveraging agile methodology and mindset to enhance project management

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Disclosure

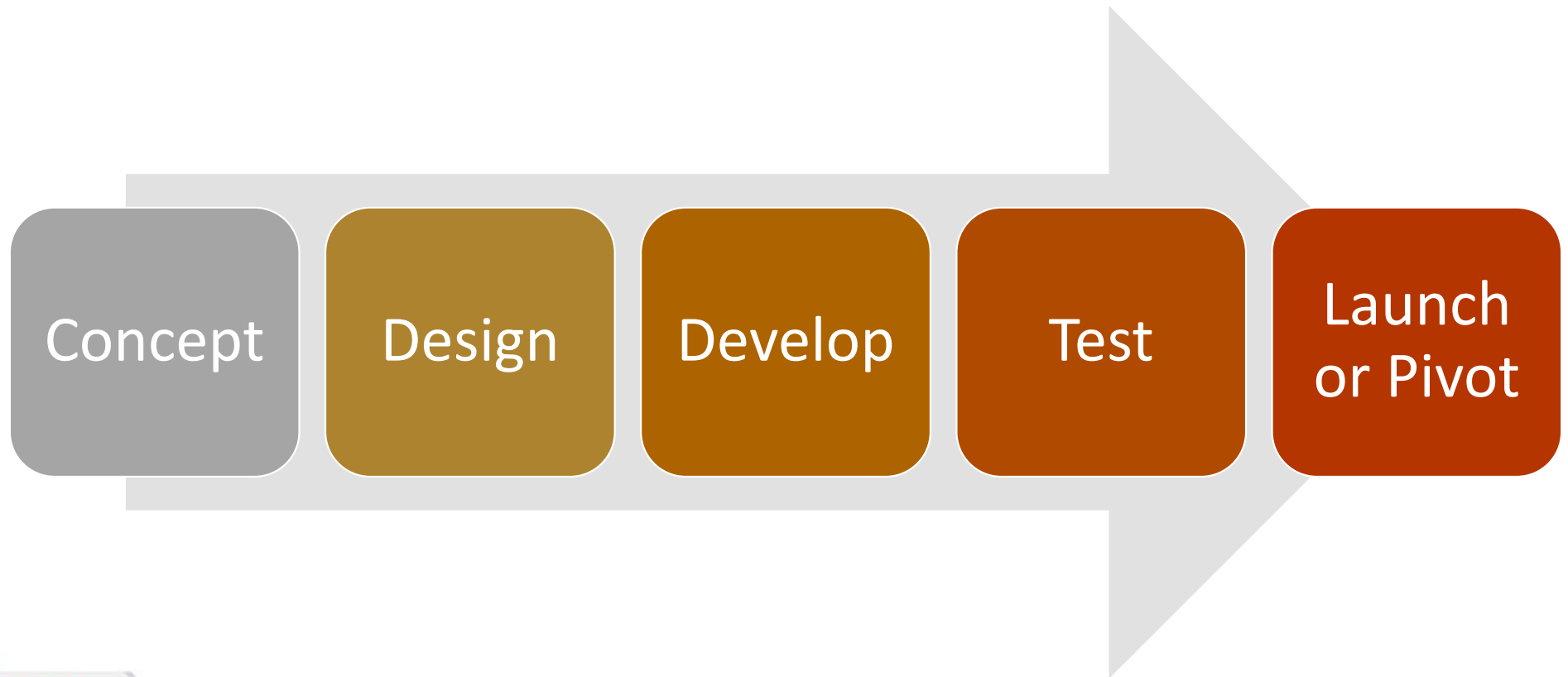
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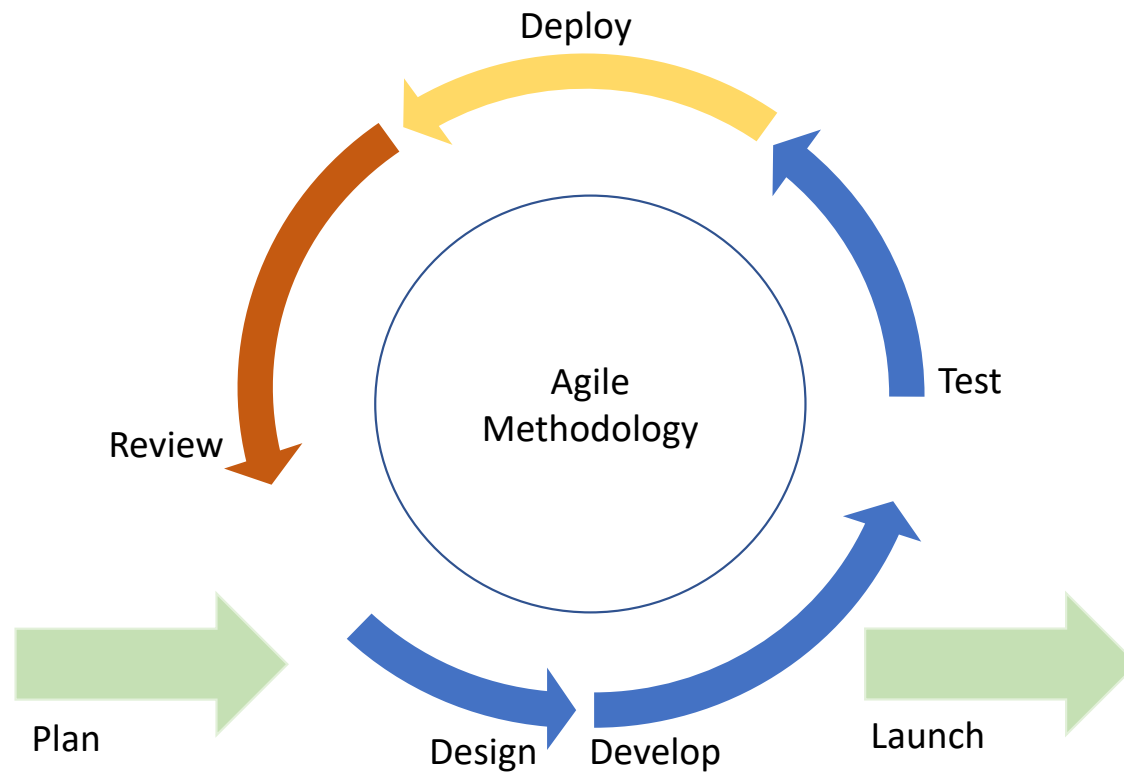
Objectives

- Define agile methodology
- Identify concepts of agile methodology that correlate to project management principles

Project management or problem management?



Defining Agile Methodology



Key takeaways:

- Shortened design time allows for more development time
- Shortened, but more frequent testing allows for more usability
- Audience/stakeholder engagement is crucial



Agile Manifesto

Individuals and interactions	Over processes and tools
Working software	Over comprehensive documentation
Customer collaboration	Over contract negotiation
Responding to change	Over following a plan



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Think – Pair - Share

Is your institution (or healthcare) agile in producing change, change management, or project management?

What are some opportunities for improvement? What is working well?



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1. Which of the following is a defining characteristic of agile methodology and manifesto?



0%

Individuals and interactions over documentation and technique

0%

Individuals and interactions over project and tools

0%

Individuals and interactions over processes and tools

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Individuals and interactions over processes and tools
Individuals and interactions over products and tools

Sprinting to success

A common agile strategy for project management

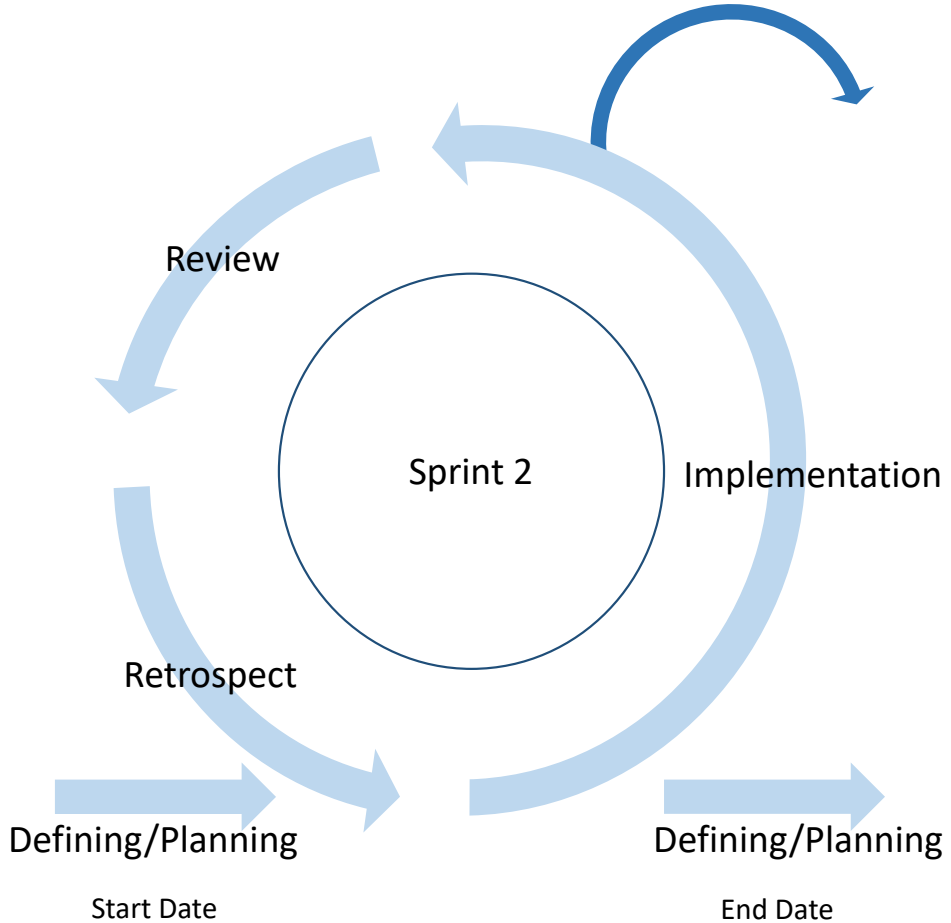
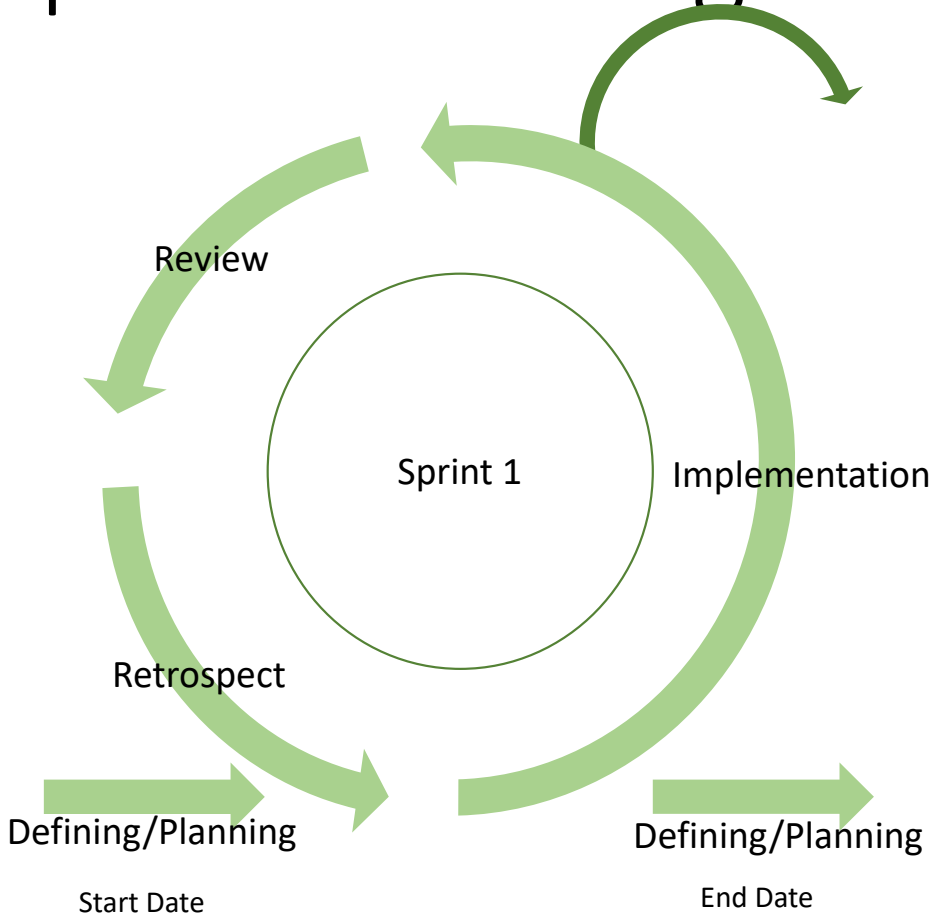




Defining a sprint!

- Fixed-time phase
- Defined goals and objectives
- Defined deliverables with consumer input
- Group process, not individual

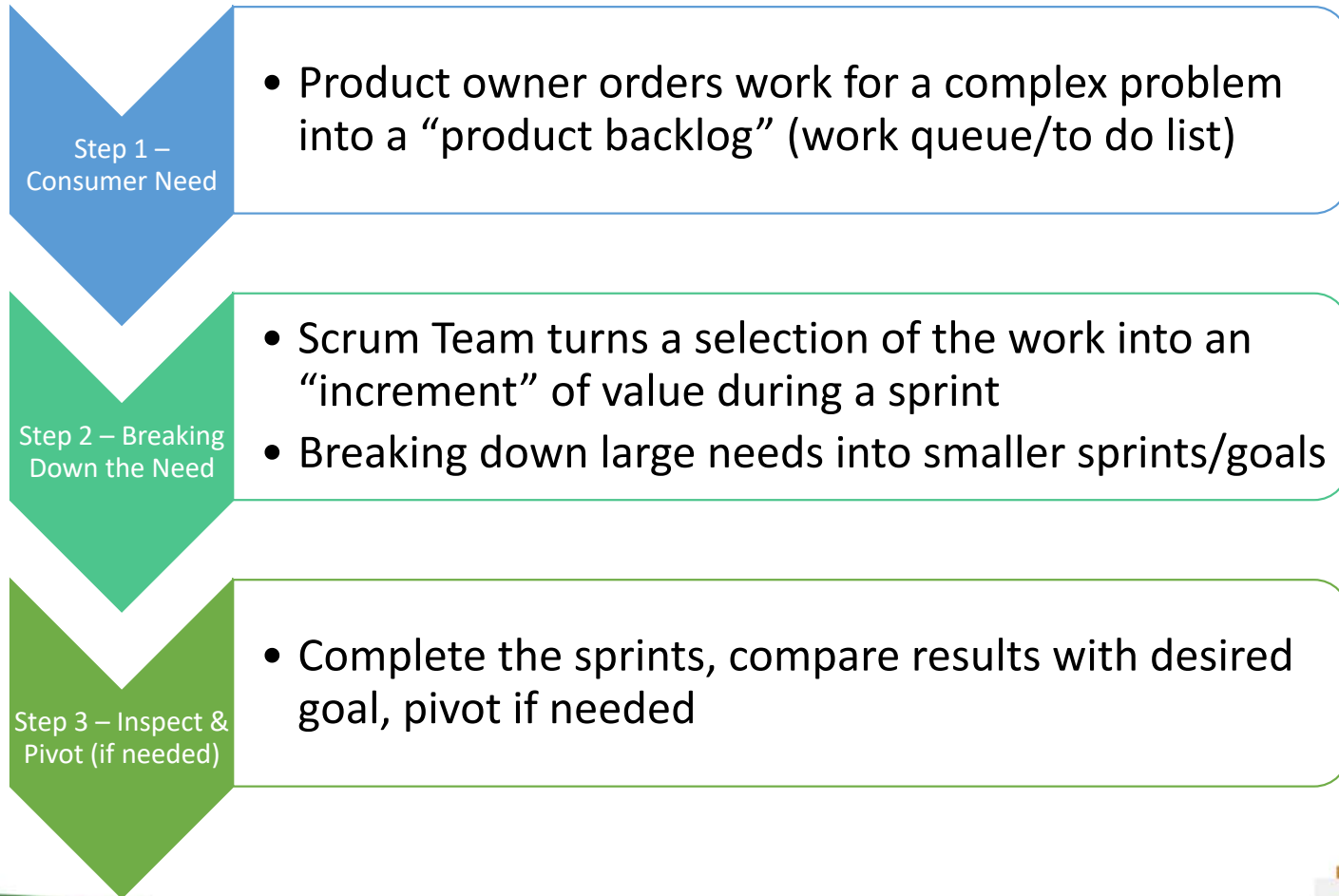
Sprint Modeling



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Rinse, Lather, Repeat



Sprint Modeling

Product Manager

- Owns the strategy behind a product, analyze market conditions, and coordinate work done by others
- “Leader”

Developers

- Plan and execute any undertaking with a defined scope (backlog) and a defined start and end
- “Doers”

Product Owner

- Represents the customer; Liaison between development team and stakeholders
- Coordinates sprint planning and test planning
- “Project manager”

Scrum Master

- Accountable for removing impediments for the team to deliver product goals and deliverable
- “Agile coach”

Modeling Agile Methodology

Scenario:

You are a Manager of Pharmacy Operations at a community hospital. Your Director of Pharmacy comes to you to ask for your help in implementing a Humira biosimilar at your site that will go live within one month (4 weeks). You can use your two pharmacy residents, one technician lead, and one pharmacy practice coordinator of central pharmacy operations, and your informatics team lead to assist you. This includes the following tasks:

- Electronic Health Record build
- Education (provider, patient, and pharmacy staff)
- Inventory management process (ordering, storing, etc.)
- Pharmacy operations management (confirming order, compounding, etc.)

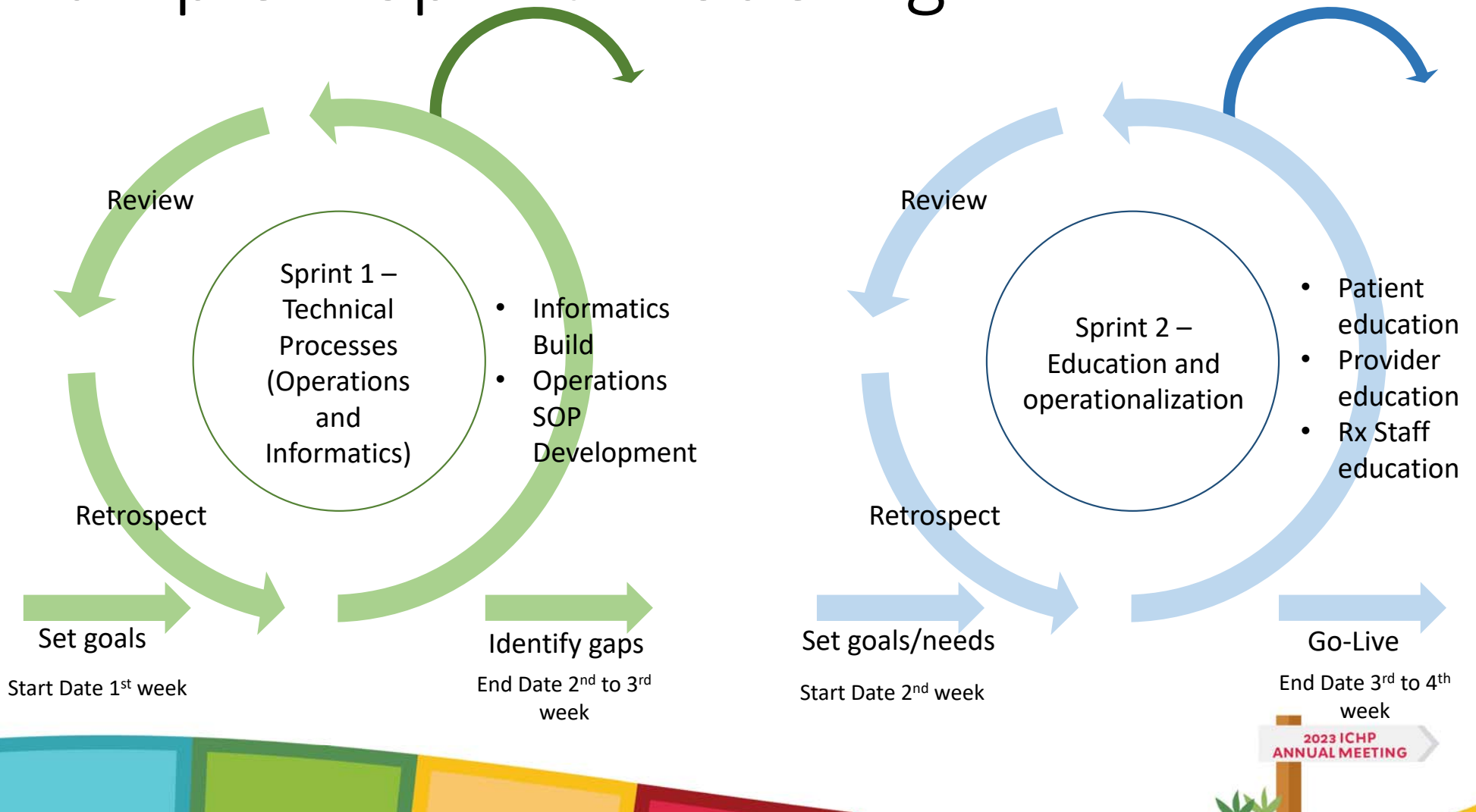
Ask:

- How many sprints would you have?
- Who's roles would be what?
- How would you prioritize your sprints and time?
- What other stakeholders would you want involved (if any)?

Example - Scrum Framework

Product Manager	Developers	Product Owner	Scrum Master
<ul style="list-style-type: none">• Pharmacy Manager• Goal: Responsible for ensuring Humira biosimilar is launched on time in 1 month	<ul style="list-style-type: none">• Pharmacy Residents; Informatics team; and Pharmacy Technician Lead• Goal: Complete informatics build, operationalize inventory management and operations SOP; education sheet development	<ul style="list-style-type: none">• Pharmacy Manager• Goal: Updating the Director of Pharmacy; ensuring all operational, informatics, and education needs met	<ul style="list-style-type: none">• Pharmacy Practice Coordinator• Goal: Responsible for ensuring sprints run smoothly, on-time, and coordinates needs of team

Example – Sprint Modeling





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Questions?

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Nobody has responded yet.

Hang tight! Responses are coming in.

Thank you

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